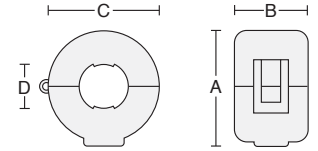




cable snap

Ferrite assembly in fully enclosed nylon case; functional with wires and cables up to a 2.0" (50,8mm) diameter. Snap closed around wire by clasping shut to position assembly.

May also be mounted with a flat-head screw through the .120" (3,0mm) diameter hole in the bottom by temporarily removing lower ferrite half.



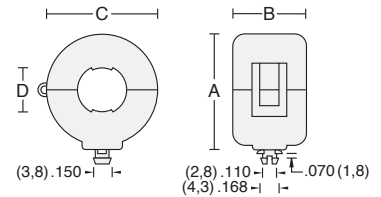
PART No.	A	B	C	D	IMPEDANCE IN OHMS
CS28B1642	.852 21,6	.885 22,5	.840 21,3	.282 7,2	100 @ 100MHz
CS28B1805	1.040 26,4	.667 16,9	1.025 26,4	.340 8,6	73 @ 100MHz
CS28B1937	1.182 30,0	.780 19,8	1.188 30,2	.425 10,8	117 @ 100MHz
CS28B1984	1.218 30,9	.705 17,9	1.220 31,0	.525 13,3	62 @ 100MHz
CS28B1501	1.725 43,8	1.232 31,3	1.720 43,7	.710 18,0	177 @ 100MHz
CS28B1500	1.725 43,8	1.232 31,3	1.720 43,7	.960 24,4	133 @ 100MHz
CS28B2000	2.350 59,7	1.851 47,0	2.309 58,6	.960 24,4	380 @ 100MHz
CS28B4000	4.500 114,2	1.851 47,0	4.687 119,0	1.960 49,8	290 @ 100MHz

See page 31 for more details



cable snap

WITH PRESS-FIT BUTTON MOUNT BASE. Ferrite assembly in fully enclosed nylon case; functional with wires and cables up to a 1.0" (25,4mm) diameter. Includes a button mount base which press-fits into a .150" (3,8mm) diameter hole.

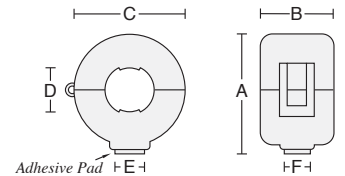


PART No.	A	B	C	D	IMPEDANCE IN OHMS
CF28B1642	.852 21,6	.885 22,5	.840 21,3	.282 7,2	100 @ 100MHz
CF28B1805	1.040 26,4	.667 16,9	1.025 26,4	.340 8,6	73 @ 100MHz
CF28B1937	1.182 30,0	.780 19,8	1.188 30,2	.425 10,8	117 @ 100MHz
CF28B1984	1.218 30,9	.705 17,9	1.220 31,0	.525 13,3	62 @ 100MHz
CF28B1501	1.725 43,8	1.232 31,3	1.720 43,7	.710 18,0	177 @ 100MHz
CF28B1500	1.725 43,8	1.232 31,3	1.720 43,7	.960 24,4	133 @ 100MHz
CF28B2000	2.350 59,7	1.851 47,0	2.309 58,6	.960 24,4	380 @ 100MHz



cable snap

WITH ADHESIVE MOUNT BASE. Ferrite assembly in fully enclosed nylon case; various sizes are functional with wires and cables up to a 1.0" (25,4mm) diameter. After closing around wire and clasping shut, assembly is ready for mounting. Installs by removing protective paper strip from base and pressing into place.

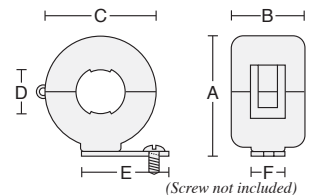


PART No.	A	B	C	D	E	F	IMPEDANCE IN OHMS
CA28B1642	.882 22,4	.885 22,5	.840 21,3	.282 7,2	.375 9,5	.375 9,5	100 @ 100MHz
CA28B1805	1.070 27,2	.667 16,9	1.025 26,4	.340 8,6	.375 9,5	.375 9,5	73 @ 100MHz
CA28B1937	1.212 30,8	.780 19,8	1.188 30,2	.425 10,8	.375 9,5	.375 9,5	117 @ 100MHz
CA28B1984	1.248 31,7	.705 17,9	1.220 31,0	.525 13,3	.375 9,5	.375 9,5	62 @ 100MHz
CA28B1501	1.755 44,6	1.232 31,3	1.720 43,7	.710 18,0	.875 22,2	.875 22,2	177 @ 100MHz
CA28B1500	1.755 44,6	1.232 31,3	1.720 43,7	.960 24,4	.875 22,2	.875 22,2	133 @ 100MHz
CA28B2000	2.380 60,5	1.851 47,0	2.309 58,6	.960 24,4	1.000 25,4	1.500 38,1	380 @ 100MHz



cable snap

WITH SCREW MOUNT BASE. Ferrite assembly in fully enclosed nylon case; various sizes are functional with wires and cables up to a 1.0" (25,4mm) diameter. Mounting base press-fits into receptacle on bottom. Installs at the intended location with a screw through the .125" (3,2 mm) diameter hole provided. The base may be positioned at 90° increments relative to the upper case to provide four alternative assembly configurations.

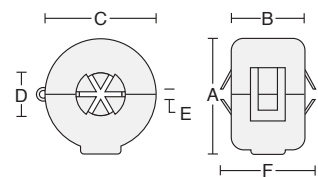


PART No.	A	B	C	D	E	F	IMPEDANCE IN OHMS
CW28B1642	.916 23,3	.885 22,5	.840 21,3	.282 7,2	1.250 31,8	.375 9,5	100 @ 100MHz
CW28B1805	1.105 28,1	.667 16,9	1.025 26,4	.340 8,6	1.250 31,8	.375 9,5	73 @ 100MHz
CW28B1937	1.236 31,4	.780 19,8	1.188 30,2	.425 10,8	1.250 31,8	.375 9,5	117 @ 100MHz
CW28B1984	1.282 32,6	.705 17,9	1.220 31,0	.525 13,3	1.250 31,8	.375 9,5	62 @ 100MHz
CW28B1501	1.789 45,5	1.232 31,3	1.720 43,7	.710 18,0	1.250 31,8	.375 9,5	177 @ 100MHz
CW28B1500	1.789 45,5	1.232 31,3	1.720 43,7	.960 24,4	1.250 31,8	.375 9,5	133 @ 100MHz
CW28B2000	2.414 61,3	1.851 47,0	2.309 58,6	.960 24,4	1.250 31,8	.375 9,5	380 @ 100MHz



cable snap

WITH VARIABLE DIAMETER END PORTS. Ferrite assembly in fully enclosed nylon case; various sizes are functional with wires and cables up to a .500 (12,7 mm) diameter. End ports are surrounded with flexible spring flutes to grip a range of cable diameters from .120" to .500" (3,2 to 12,7 mm). The grip-locking action prevents lateral movement along the cable or wire bundle.



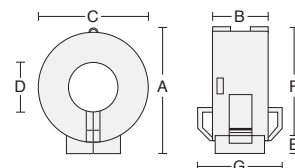
PART No.	A	B	C	D	E	F (ref.)	IMPEDANCE IN OHMS
CV28B1642	.852 21,6	.885 22,5	.840 21,3	.282 7,2	.120 3,0	1.020 25,9	100 @ 100MHz
CV28B1805	1.040 26,4	.667 16,9	1.025 26,4	.340 8,6	.120 3,0	.820 20,8	73 @ 100MHz
CV28B1937	1.182 30,0	.780 19,8	1.188 30,2	.375 9,5	.120 3,0	.950 24,1	117 @ 100MHz
CV28B1984	1.218 30,9	.705 17,9	1.220 31,0	.500 12,7	.120 3,0	.940 23,9	62 @ 100MHz

cable snap



Ferrite assembly in fully enclosed nylon case; functional with wires and cables up to a .520" (13,2mm) diameter. Snap closed around wire by clasp shut to position assembly. Cable tie-wraps may be threaded through the loops on each side.

Larger I.D.'s permit multiple cable turns for greater impedance effect. See page 6, figures 3 and 4.

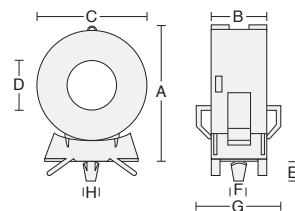


PART No.	A	B	C	D	E	F	G	IMPEDANCE IN OHMS
CS28B0642	.923 23,4	.708 18,0	.780 19,8	.300 7,6	.143 3,6	.818 20,8	1.000 25,4	100 @ 100MHz
CS28B0805	1.095 27,8	.476 12,1	.965 24,5	.345 8,8	.100 2,5	1.003 25,5	.890 22,6	73 @ 100MHz
CS28B0937	1.222 31,0	.691 17,6	1.078 27,4	.425 10,8	.098 2,5	1.116 28,3	.930 23,6	117 @ 100MHz
CS28B0984	1.275 32,3	.547 13,9	1.145 29,1	.525 13,3	.095 2,4	1.183 30,0	.867 22,0	62 @ 100MHz

cable snap



WITH PRESS FIT MOUNT. Ferrite assembly in fully enclosed nylon case; various sizes are functional with wires and cables up to a .520" (13,2mm) diameter. After closing around wire and clasping shut, assembly snap-fits into mounting base. Base may be installed either before or after product assembly by pressing the integral spring tab fastener into a .187" (4,7mm) diameter hole.

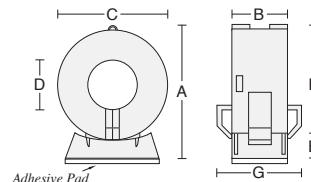


PART No.	A	B	C	D	E	F	G	H	IMPEDANCE IN OHMS
CF28B0642	.995 25,2	.708 18,0	.780 19,8	.300 7,6	.280 7,1	.183 4,6	1.000 25,4	.240 6,1	100 @ 100MHz
CF28B0805	1.180 30,0	.476 12,1	.965 24,5	.345 8,8	.280 7,1	.183 4,6	.890 22,6	.240 6,1	73 @ 100MHz
CF28B0937	1.293 32,8	.691 17,6	1.078 27,4	.425 10,8	.280 7,1	.183 4,6	.930 23,6	.240 6,1	117 @ 100MHz
CF28B0984	1.360 34,5	.547 13,9	1.145 29,1	.525 13,3	.280 7,1	.183 4,6	.867 22,0	.240 6,1	62 @ 100MHz

cable snap



WITH ADHESIVE MOUNTING BASE. Ferrite assembly in fully enclosed nylon case; various sizes are functional with wires and cables up to a .520" (13,2mm) diameter. After closing around wire and clasping shut, assembly is snap-fitted into its mounting base. May be installed in its intended location before or after product assembly simply by removing protective paper strip from base and pressing into place.

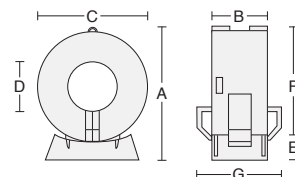


PART No.	A	B	C	D	E	F	G	IMPEDANCE IN OHMS
CA28B0642	.995 25,2	.708 18,0	.780 19,8	.300 7,6	.177 4,5	.818 20,8	1.000 25,4	100 @ 100MHz
CA28B0805	1.180 30,0	.476 12,1	.965 24,5	.345 8,8	.177 4,5	1.003 25,5	.890 22,6	73 @ 100MHz
CA28B0937	1.293 32,8	.691 17,6	1.078 27,4	.425 10,8	.177 4,5	1.116 28,3	.930 23,6	117 @ 100MHz
CA28B0984	1.360 34,5	.547 13,9	1.145 29,1	.525 13,3	.177 4,5	1.183 30,0	.867 22,0	62 @ 100MHz

cable snap



WITH SCREW MOUNT BASE. Ferrite assembly in fully enclosed nylon case; various sizes are functional with wires and cables up to a .520" (13,2mm) diameter. Mounting base is pre-installed at the intended location with a screw through the .125" (3,2mm) diameter hole in the bottom. After closing around wire and clasping shut, assembly snap-fits into base.

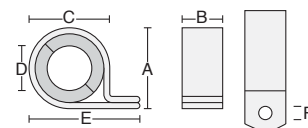


PART No.	A	B	C	D	E	F	G	IMPEDANCE IN OHMS
CW28B0642	.995 25,2	.708 18,0	.780 19,8	.300 7,6	.177 4,5	.818 20,8	1.000 25,4	100 @ 100MHz
CW28B0805	1.180 30,0	.476 12,1	.965 24,5	.345 8,8	.177 4,5	1.003 25,5	.890 22,6	73 @ 100MHz
CW28B0937	1.293 32,8	.691 17,6	1.078 27,4	.425 10,8	.177 4,5	1.116 28,3	.930 23,6	117 @ 100MHz
CW28B0984	1.360 34,5	.547 13,9	1.145 29,1	.525 13,3	.177 4,5	1.183 30,0	.867 22,0	62 @ 100MHz

cable clamp



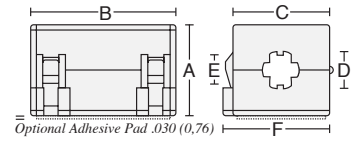
Ferrite assembly bonded to nylon strap; functional with wires and cables up to a 1.00" (25,4 mm) diameter. Holes are provided for screw mounting.



PART No.	A	B	C	D	E	F	IMPEDANCE IN OHMS
TC28B0550	.685 17,4	1.105 28,1	.685 17,4	.214 5,4	1.102 28,0	.195 5,0	281 @ 100MHz
TC28B0617	.740 18,8	1.125 28,6	.740 18,8	.276 7,0	1.215 30,9	.195 5,0	273 @ 100MHz
TC28B0642	.785 19,9	.630 16,0	.785 19,9	.320 8,1	1.335 33,9	.195 5,0	100 @ 100MHz
TC28B0805	.948 24,1	.500 12,7	.948 24,1	.404 10,3	1.498 38,0	.195 5,0	73 @ 100MHz
TC28B0937	1.127 28,6	.551 14,0	1.127 28,6	.449 11,4	1.677 42,6	.195 5,0	117 @ 100MHz
TC28B1123	1.320 33,5	1.125 28,6	1.320 33,5	.543 13,8	2.000 50,8	.195 5,0	220 @ 100MHz
TC28B0984	1.127 28,6	.500 12,7	1.127 28,6	.591 15,0	1.677 42,6	.195 5,0	62 @ 100MHz
TC28B1251	1.375 34,9	.875 22,2	1.375 34,9	.750 19,1	1.884 47,9	.195 5,0	138 @ 100MHz
TC28B1501	1.628 41,4	1.000 25,4	1.628 41,4	.750 19,1	2.150 55,5	.195 5,0	177 @ 100MHz
TC28B1500	1.628 41,4	1.000 25,4	1.628 41,4	1.000 25,4	2.150 55,5	.195 5,0	133 @ 100MHz
TC28B2000	2.125 54,0	1.500 38,1	2.125 54,0	1.000 25,4	2.860 72,6	.281 7,1	380 @ 100MHz

sleeve snap

Box-shaped ferrite assembly in enclosed nylon case. Various sizes are functional with wires up to .500" (12,7 mm) diameter. Simply clamp around cable or wire; plastic tabs at entry/exit ports apply pressure to cable surface to maintain mounting position. Options include foam adhesive pad on bottom.



Available in standard colors gray (i.e., SS28B2031) and black (i.e., SS28B2031K)

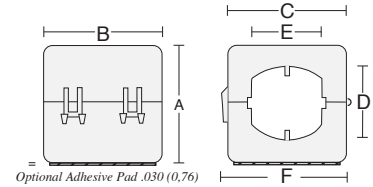
Patent No. 5,764,125

PART No.	w/ Adhesive	A	B	C	D	E	F	IMPEDANCE IN OHMS
SS28B2027	AS28B2027	.420 10,7	.468 11,9	.468 11,9	.106 2,7	.072 1,8	.468 11,9	105 @ 100MHz
SS28B2031	AS28B2031	.700 17,8	1.255 31,9	.675 17,1	.230 5,8	.187 4,7	.768 19,5	200 @ 100MHz
SS28B2030	AS28B2030	.790 20,1	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5	200 @ 100MHz
SS28B2033	AS28B2033	.790 20,1	1.265 32,1	.770 19,6	.350 8,8	.290 7,4	.885 22,5	200 @ 100MHz
SS28B2036	AS28B2036	1.155 29,3	1.250 31,8	1.125 28,6	.415 10,5	.350 8,9	1.230 31,2	230 @ 100MHz
SS28B2041	AS28B2041	.965 24,5	1.285 32,6	.930 23,6	.450 11,4	.380 9,7	1.035 26,3	238 @ 100MHz
SS28B2040	AS28B2040	1.155 29,3	1.250 31,8	1.125 28,6	.550 14,0	.480 12,2	1.230 31,2	230 @ 100MHz



sleeve snap for cable bundles

Box-shaped ferrite assembly for cable bundle diameters up to .730" (18,5mm) diameter. Allows single location for RFI suppression for multiple cables. Each circuit reacts separately with the suppression material without saturation. Alternatively, multiple turns of a single cable greatly increases impedance depending on frequency - see page 6, figures 3 and 4. Optional adhesive mount base.



For optional variable diameter end port version with flexible spring flutes, see part numbers SS28B2044 and AS28B2044 in the photo below.

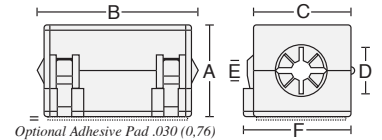
SS28B2035 available in standard colors gray (SS28B2035) and black (SS28B2035K)

PART No.	w/ Adhesive	A	B	C	D	E	F	IMPEDANCE IN OHMS
SS28B2035	AS28B2035	1.155 29,3	1.250 31,8	1.125 28,6	.790 20,1	.720 18,3	1.230 31,2	129 @ 100MHz
SS28B2043	AS28B2043	1.700 43,2	1.780 45,2	1.800 45,7	.790 20,1	.720 18,3	1.830 46,5	260 @ 100MHz



sleeve snap

WITH VARIABLE DIAMETER END PORTS. Box-shaped ferrite assembly in fully enclosed nylon case. End ports are surrounded with flexible spring flutes to grip a range of cable diameters from .125" to .730" (3,2 to 18,5 mm). Special mounting options include foam adhesive pad on bottom.



Available in standard colors gray (i.e., SS28B2034) and black (i.e., SS28B2034K)

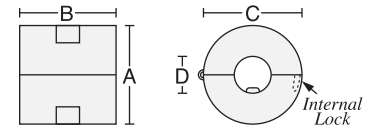
Patent No. 5,003,278 and Patent No. 5,764,125

PART No.	w/ Adhesive	A	B (ref.)	C	D	E	F	IMPEDANCE IN OHMS
SS28B2034	AS28B2034	.585 14,9	1.250 31,8	.585 14,9	.250 6,4	.120 3,0	.680 17,3	220 @ 100MHz
SS28B2037	AS28B2037	.790 20,1	1.450 36,8	.770 19,6	.350 8,8	.200 5,1	.885 22,5	200 @ 100MHz
SS28B2042	AS28B2042	.965 24,5	1.480 37,6	.930 23,6	.425 10,8	.170 4,3	1.035 26,3	238 @ 100MHz
SS28B2032	AS28B2032	1.155 29,3	1.450 36,8	1.125 28,6	.500 12,7	.200 5,1	1.230 31,2	230 @ 100MHz
SS28B2044	AS28B2044	1.700 43,2	1.800 45,7	1.800 45,7	.790 20,1	.200 5,1	1.830 46,5	260 @ 100MHz



internal locking snap

WITH SECURE INTERNAL LOCKING SYSTEM. Cannot be reopened after snapping closed into position. Ensures that suppressor cannot be removed. Grip-lock tabs at entry/exit ports prevent longitudinal slippage on a range of cable diameters from .275" to .300" (7,0 to 7,6mm). Standard colors are computer gray (PMS#413), computer beige (PMS#468), black and natural white. A cost-effective alternative to over-molding.



Patent Nos. 5,003,278, 5,162,772 and 5,764,125

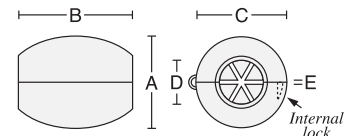
PART No.	A	B (ref.)	C	D	COLOR	IMPEDANCE IN OHMS
IL28B0642W	.780 19,8	.780 19,8	.780 19,8	.316 8,0	NATURAL WHITE	100 @ 100MHz
IL28B0642G	.780 19,8	.780 19,8	.780 19,8	.316 8,0	COMPUTER GRAY	100 @ 100MHz
IL28B0642B	.780 19,8	.780 19,8	.780 19,8	.316 8,0	COMPUTER BEIGE	100 @ 100MHz
IL28B0642K	.780 19,8	.780 19,8	.780 19,8	.316 8,0	BLACK	100 @ 100MHz



jelly bean snap

MINIATURE SIZE WITH INTERNAL LOCKING SYSTEM. Cannot be reopened after snapping closed into position. Ensures that suppressor cannot be removed. Grip-lock tabs at entry/exit ports prevent longitudinal slippage on a range of cable diameters from .060" to .120" (1,5 to 3,0mm).

Excellent for tight spaces and low profile applications. A cost-effective alternative to "molded-in" suppressors, shrink tubing, tie wraps, taping and other secondary installation operations.



Available in standard color gray

Patent Nos. 5,003,278, 5,162,772 and 5,764,125

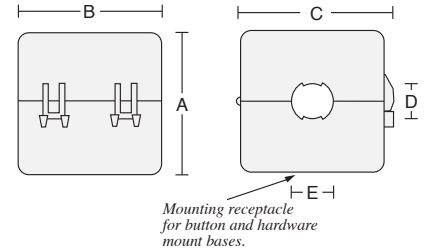
PART No.	A	B	C	D	E	IMPEDANCE IN OHMS
JB28B0010	.670 17,0	.820 20,8	.670 17,0	.290 7,4	.055 1,4	160 @ 100MHz



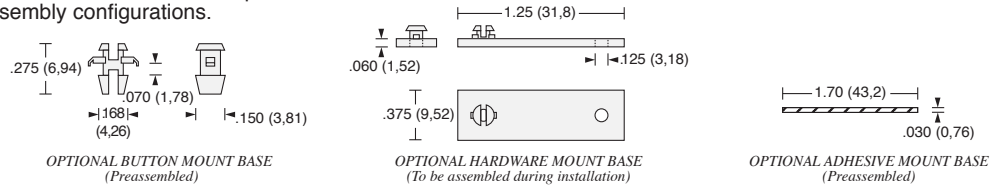
high impedance sleeve snap

WITH OPTIONAL MOUNTING BASES.

High impedance ferrite assembly for large scale applications containing high data rates and microprocessor harmonics/spurious signals well beyond the operating frequency. Excellent for telecommunications switching applications, local area networks (LANs) and distribution system integration. The basic version simply clamps into position around cables and wiring. May also be mounted with a flat-head screw through the .120" (3,0mm) diameter hole in the bottom by temporarily removing lower ferrite half.



Other mounting options include a foam adhesive base, a button mount base sized for a .150" (3.8 mm) diameter hole, and a hardware mounting plate for screw or rivet attachment. The adhesive mount base and button mount base options are preassembled. The hardware mounting base may be press-fitted into the receptacle on the bottom of the case during installation in one of four positions at 90° increments for alternative assembly configurations.

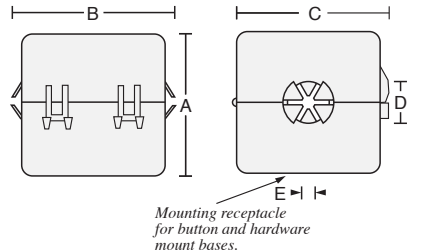


PART No.	Description	A	B	C	D	E	IMPEDANCE IN OHMS
HI28B2038	Basic	1.700 43,2	1.780 45,2	1.800 45,7	.428 10,9	.468 11,9	410 @ 100MHz
HF28B2038	Button Mount	1.700 43,2	1.780 45,2	1.800 45,7	.428 10,9	.468 11,9	410 @ 100MHz
HW28B2038	Hardware Mount	1.700 43,2	1.780 45,2	1.800 45,7	.428 10,9	.468 11,9	410 @ 100MHz
HA28B2038	Adhesive Mount	1.700 43,2	1.780 45,2	1.800 45,7	.428 10,9	.468 11,9	410 @ 100MHz

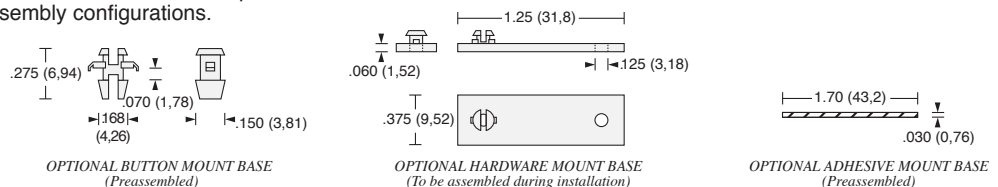
high impedance sleeve snap

WITH VARIABLE DIAMETER END PORTS AND OPTIONAL MOUNTING BASES.

High impedance ferrite assembly with exactly the same characteristics as the high impedance sleeve snaps above, except that the entry/exit end ports are surrounded with flexible spring flutes to grip a range of cable diameters from .250" to .435" (6,4 to 11,0mm). Excellent for telecommunications switching applications, local area networks (LANs) and distribution system integration. The basic version simply clamps into position around cables and wiring. May also be mounted with a flat-head screw through the .120" (3,0mm) diameter hole in the bottom by temporarily removing lower ferrite half.



Other mounting options include a foam adhesive base, a button mount base sized for a .150" (3.8mm) diameter hole, and a hardware mounting plate for screw or rivet attachment. The adhesive mount base and button mount base options are preassembled. The hardware mounting base may be press-fitted into the receptacle on the bottom of the case during installation in one of four positions at 90° increments for alternative assembly configurations.

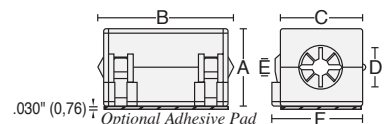


PART No.	Description	A	B (ref.)	C	D	E	IMPEDANCE IN OHMS
HI28B2039	Basic	1.700 43,2	2.000 50,8	1.800 45,7	.500 12,7	.140 3,55	410 @ 100MHz
HF28B2039	Button Mount	1.700 43,2	2.000 50,8	1.800 45,7	.500 12,7	.140 3,55	410 @ 100MHz
HW28B2039	Hardware Mount	1.700 43,2	2.000 50,8	1.800 45,7	.500 12,7	.140 3,55	410 @ 100MHz
HA28B2039	Adhesive Mount	1.700 43,2	2.000 50,8	1.800 45,7	.500 12,7	.140 3,55	410 @ 100MHz

USB cable sleeve snap

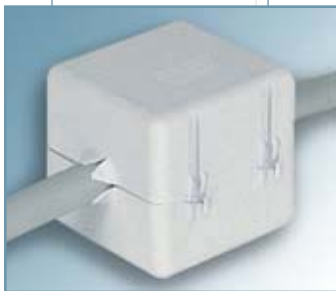
WITH VARIABLE DIAMETER END PORTS. Specifically sized to fit the range of common USB I/O cable diameters; variable diameter end ports allow for different types of cable insulation covers measuring .125" to .179" (3,0 - 4,5mm).

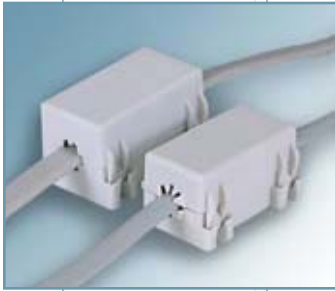
Simple snap-on installation. Available with optional adhesive pad on bottom, and in standard gray (PMS #413) and black colors.



For use with USB I/O USB 2.0 Electrical Test Specification, sections 7.0 and 8.0

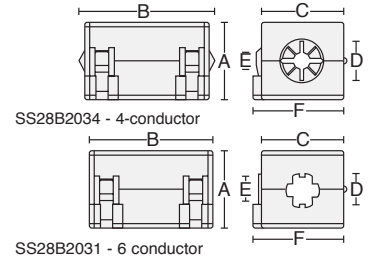
PART No.	w/Adhesive	A	B	C	D	E	F	COLOR	IMPEDANCE IN OHMS
USB28B2034	USB28B2034A	.585 14,9	1.250 31,8	.585 14,9	.250 6,4	.120 3,0	.680 17,3	gray	220 @ 100MHz
USB28B2034K	USB28B2034KA	.585 14,9	1.250 31,8	.585 14,9	.250 6,4	.120 3,0	.680 17,3	black	220 @ 100MHz





telecom cable snaps

WITH END PORTS FOR FLAT-OVAL CABLES. Box-shaped ferrite assembly in fully enclosed nylon case. Two sizes: one for 4-conductor and one for 6-conductor standard telecom flat-oval cable. Clamps around cable with appropriate pressure to maintain desired position.



Available in standard colors gray (i.e., SS28B2034) and black (i.e., SS28B2034K)
 Patent Nos. 5,003,278 and 5,764,125

PART No.	Cable Size	A	B	C	D	E	F	IMPEDANCE IN OHMS
SS28B2034	4 conductor	.585	14,9	1.250	31,8	.585	14,9	.250 6,4 .120 3,0 .680 17,3 220 @ 100MHz
SS28B2031	6 conductor	.700	17,8	1.255	31,9	.675	17,1	.230 5,8 .187 4,7 .768 19,5 200 @ 100MHz



very high impedance multi-turn sleeve snap

WITH SERPENTINE CABLE THREADING CAPABILITY.

By increasing the number of times the circuit passes through the ferrite core, the effective magnetic path is lengthened yielding a significant increase in impedance. See page 6, figures 3 and 4. The gain is equal to N^2 , the square of the number of turns, and depending on the circuit cable load and frequencies involved, much of the increase can be realized.

Cables may be "looped back through" as shown at left; or, "looped over the top" as shown at left (insert).

In an alternate configuration, separate cable circuits can be accommodated without saturation. Three styles permit different approaches:

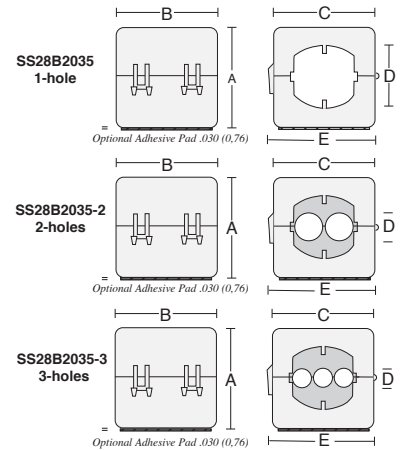
The 1-hole allows two passes of a cable with a diameter up to .365" (9,3mm) or three passes of a cable with a diameter up to .243" (6,2mm).

The 2-hole allows two passes of a cable with a diameter up to .335" (8,5mm).

The 3-hole allows three passes of cable with a diameter up to .203" (5,8mm).

Each is available with an optional adhesive foam pad mounting base.

Available in standard colors gray (i.e., SS28B2035) and black (i.e., SS28B2035K)
 Patent No. 5,003,278



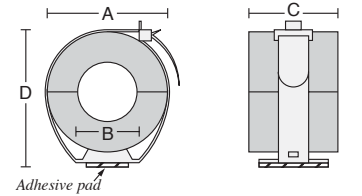
PART No.	w/Adhesive	Description	A	B	C	D	E	IMPEDANCE IN OHMS ref.
SS28B2035	AS28B2035	1-hole	1.155	29,3	1.250	31,8	1.125 28,6 .780 19,8 1.230 31,2	1N=129* 2N=2 ² =4NΩ ref.
SS28B2035-2	AS28B2035-2	2-hole	1.155	29,3	1.250	31,8	1.125 28,6 .335 8,5 1.230 31,2	1N=270* 3N=3 ² =9NΩ ref.
SS28B2035-3	AS28B2035-3	3-hole	1.155	29,3	1.250	31,8	1.125 28,6 .203 5,2 1.230 31,2	1N=340* depending on circuit load and frequency

* @ 100 MHz



cable bundle clamp

WITH UNIVERSAL MOUNTING STRAP. For cable bundle diameters up to 1.00" (25,4mm). Allows single location for RFI suppression for multiple cables and wiring runs. Each circuit reacts independently with the suppression material without saturation. Adhesive mount base also provides a centered .203" (5,1mm) diameter hole for optional hardware attachment. Quick-release closure clip allows easy addition or removal of wires.

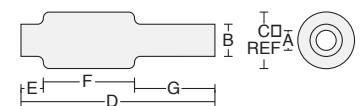


PART No.	w/ adhesive	A	B	C	D	IMPEDANCE IN OHMS
BC28B1251	BA28B1251	1.38	35,1	.75	19,1	.875 22,2 1.71 41,7 138 @ 100MHz
BC28B1501	BA28B1501	1.63	41,4	.75	19,1	1.000 25,4 1.96 48,0 177 @ 100MHz
BC28B1500	BA28B1500	1.63	41,4	1.00	25,4	1.000 25,4 1.96 48,0 133 @ 100MHz



pre-molded sleeve

WITH INTERNAL FRICTION GRIP Exterior PVC sheath pre-molded over ferrite suppressor. Assembles to cable prior to termination by threading in one end and out the other. Neutral gray standard color. Five sizes accommodate cable diameters from .200" to .430" (5,1 to 10,9mm). The preferred alternative to cable over-molding, shrink tubing, taping, tie wraps and other costly secondary installation operations. A drop of water in the I.D. during assembly will facilitate sliding into position.



Patent No. 5,200,730

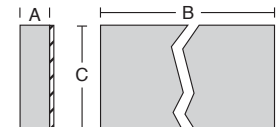
PART No.	A	B	C	D	E	F	G	IMPEDANCE IN OHMS
PM28B3375	.192	4,8	.290	7,4	.465	11,8	2.01 51,1 .250 6,4 .960 24,4 .800 20,3	140 @ 100MHz
PM28B0625	.310	7,9	.400	10,2	.715	18,2	1.82 46,2 .250 6,4 .772 19,6 .800 20,3	120 @ 100MHz
PM28B1625	.310	7,9	.400	10,2	.715	18,2	2.38 60,5 .250 6,4 1.335 33,9 .800 20,3	225 @ 100MHz
PM28B0686	.375	9,5	.465	11,8	.776	19,7	2.38 60,5 .250 6,4 1.335 33,9 .800 20,3	196 @ 100MHz
PM28B0736	.430	10,9	.520	13,2	.776	19,7	2.38 60,5 .250 6,4 1.335 33,9 .800 20,3	176 @ 100MHz



special purpose shielding bar

For situations where extremely high amounts of attenuation are needed and/or multiple passes through a traditional ferrite I.D. are not practical or sufficient. Simply wrap cable in a spiral around bar for optimum absorption.

- One individual size fits most applications
- For round or flat cables wound axially or attached longitudinally
- Attachment with cable ties or optional adhesive pad
- Sandwiching cable between two bars provides up to three times the impedance of a single bar depending on frequency



* Optional Adhesive pad .030 (0,76)

PART No.	w/ adhesive	A	B	C	IMPEDANCE IN OHMS
SB28B5630	SB28B5630A	.365	9,3	5.630 143,0	1.00 25,4 one pass: 500 @ 100MHz



miniature beads

Very small cylindrical suppressors for wire diameters below .25" (6,4mm). Handy for tight spaces, on-board suppression and general applications.

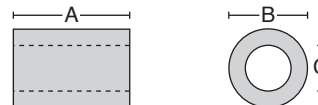


PART No.	A		B		C		IMPEDANCE IN OHMS
28B0137-3	.500	12,7	.138	3,5	.051	1,3	153 @ 100MHz
28B0138-7	.550	14,0	.138	3,5	.034	0,9	234 @ 100MHz
28B0200-4	.900	22,9	.200	5,1	.062	1,6	318 @ 100MHz
28B0250-1	.625	15,9	.250	6,4	.125	3,2	133 @ 100MHz
28B0300-0	.200	5,1	.300	7,6	.069	1,8	93 @ 100MHz
28B0385-2	.650	16,5	.385	9,8	.038	0,9	452 @ 100MHz
28B0350-0	.625	15,9	.343	8,7	.170	4,3	102 @ 100MHz
28B0355-0	.354	9,0	.787	20,0	.187	4,7	138 @ 100MHz
28B0375-3	.750	19,1	.375	9,5	.192	4,8	140 @ 100MHz
28B0562-2	1.125	28,6	.562	14,2	.250	6,4	257 @ 100MHz



large beads

Sizes up to 1.0" I.D. (25,4 mm) for applications where there are large cable bundles or where great amounts of suppression are required.

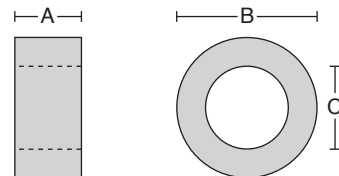


PART No.	A		B		C		IMPEDANCE IN OHMS
28B0563-0	.600	15,2	.562	14,2	.286	7,3	124 @ 100MHz
28B0625-0	.562	14,3	.625	15,9	.310	7,9	120 @ 100MHz
28B0625-1	1.125	28,6	.625	15,9	.310	7,9	225 @ 100MHz
28B0626-0	.625	15,9	.626	16,0	.133	3,4	300 @ 100MHz
28B0672-0	.672	17,1	1.000	25,4	.345	8,6	182 @ 100MHz
28B0672-1	1.000	25,4	.672	17,1	.345	8,6	182 @ 100MHz
28B0686-2	1.125	28,6	.686	17,4	.375	9,5	196 @ 100MHz
28B0735-0	1.125	28,6	.735	18,7	.400	10,2	188 @ 100MHz
28B0736-0	1.125	28,6	.736	18,7	.430	10,9	176 @ 100MHz
28B1020-1	1.125	28,6	1.020	25,9	.505	12,8	225 @ 100MHz
28B1102-1	1.000	25,4	1.102	27,9	.620	15,7	147 @ 100MHz
28B1250-2	1.000	25,4	1.250	31,8	.750	19,1	151 @ 100MHz
28B1387-1	1.000	25,4	1.387	35,2	.882	22,4	142 @ 100MHz
28B2000-3	2.000	50,8	2.000	50,8	1.000	25,4	381 @ 100MHz



toroids

Cables can many times be assembled through the larger center opening even with connectors and plugs installed beforehand. Multiple cable turns through the center yield greater suppression and the flexibility to fine-tune a circuit. Up to 1.400" (35,6mm) I.D.



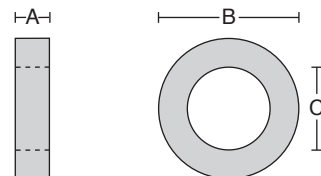
PART No.	A		B		C		IMPEDANCE IN OHMS
28B0870-0	.250	6,4	.870	22,1	.540	13,7	One Pass 25 @ 100MHz
28B0999-0	.500	12,7	1.000	25,4	.610	15,5	One Pass 83 @ 100MHz
28B1225-0	.612	15,5	1.225	31,1	.750	19,1	One Pass 97 @ 100MHz
28B1417-2	.500	12,7	1.417	36,0	.905	23,0	One Pass 89 @ 100MHz
28B2400-0	.500	12,7	2.400	61,0	1.400	35,6	One Pass 88 @ 100MHz



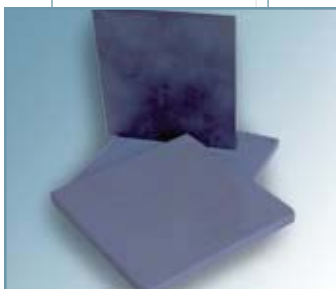
extra large toroids

WITH INSIDE DIAMETERS FROM 1.33" TO 6.66" (33.8 to 167 mm). Very large toroids for special purpose applications available in #28 material as shown below, and in #25 material.

Special order only; available by quotation. Please contact customer service with quantity information. Some items in stock.



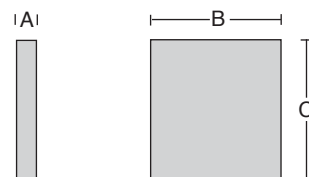
PART No.	A		B		C		IMPEDANCE IN OHMS
28B2275	.500	12,7	2.275	57,8	1.335	33,9	Per Application
28B2945	.500	12,7	2.945	74,8	1.775	45,1	Per Application
28B3170	.500	12,7	3.170	80,5	1.645	41,8	Per Application
28B4100	.500	12,7	4.100	104,1	2.650	67,3	Per Application
28B5945	.500	12,7	5.885	149,4	4.275	108,6	Per Application
28B5950	.500	12,7	5.885	149,4	3.675	93,3	Per Application
28B9210	1.000	25,4	9.210	233,9	6.665	169,3	Per Application



square tiles

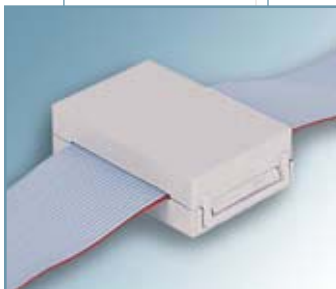
For purpose-built electronic enclosures and architectural full room lining, these designs permit optimum absorption with minimum reflection. Very effective when used just in the corners of shielded rooms to dampen the effects of sharp corners.

Special order only; available by quotation. Please contact customer service with quantity information. Some items in stock.



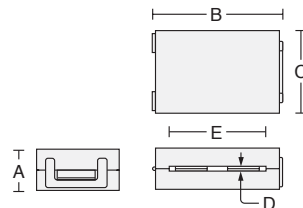
PART No.	A		B		C		IMPEDANCE IN OHMS
21T3350	.248	6,3	3.350	85,0	3.350	85,0	Per Application
21T3937	.248	6,3	3.937	100,0	3.937	100,0	Per Application
21T4335	.248	6,3	4.335	110,0	4.335	110,0	Per Application

flat cable clamp



WITH FULL OUTER ENCLOSURE. Ferrite assembly in fully enclosed nylon case. Four sizes functional with flat cables up to 64-conductor widths. Internal grip-lock tabs apply pressure on cable to maintain mounting position.

May also be mounted with flat-head screws through the .120" (3,0mm) diameter holes on 1.25" (31,8mm) centers in the bottom by temporarily removing the lower ferrite half. Excellent for flex-circuits.



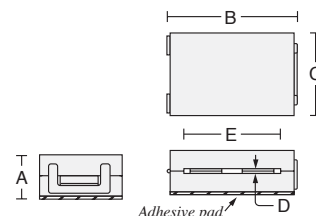
PART No.	A	B	C	D	E	IMPEDANCE IN OHMS					
RC28B1729	.670	17,0	2.03	51,6	1.312	33,3	.060	1,5	1.355	34,4	200 @ 100MHz
RC28B2480	.670	17,0	2.76	70,1	1.312	33,3	.060	1,5	2.047	52,0	250 @ 100MHz
RC28B3012	.670	17,0	3.26	82,8	1.312	33,3	.060	1,5	2.540	64,5	286 @ 100MHz
RC28B4340	.755	19,2	4.61	117,1	1.312	33,3	.104	2,6	3.240	82,3	325 @ 100MHz

flat cable clamp



WITH FULL OUTER ENCLOSURE AND ADHESIVE MOUNT. Ferrite assembly in fully enclosed nylon case. Four sizes functional with flat cables up to 64-conductor widths. Internal grip-lock tabs apply pressure on cable to maintain mounting position.

Installs easily on any mounting surface by removing liner from foam adhesive base pad. Excellent for flex-circuits.



PART No.	A	B	C	D	E	IMPEDANCE IN OHMS					
RA28B1729	.700	17,8	2.03	51,6	1.312	33,3	.060	1,5	1.355	34,4	200 @ 100MHz
RA28B2480	.700	17,8	2.76	70,1	1.312	33,3	.060	1,5	2.047	52,0	250 @ 100MHz
RA28B3012	.700	17,8	3.26	82,8	1.312	33,3	.060	1,5	2.540	64,5	286 @ 100MHz
RA28B4340	.785	19,9	4.61	117,1	1.312	33,3	.104	2,6	3.240	82,3	325 @ 100MHz

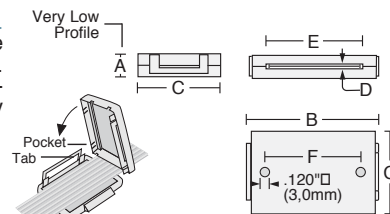
low profile flat cable clamp



SLIM-LINE FLAT CABLE CLAMP WITH CABLE GRIP OPENINGS. Ferrite pair snaps together into the lowest profile nylon enclosure available. Three sizes accommodate flat cables up to 40-conductors. Internal grip-lock tabs maintain mounting position. Mounts also with flat-head screws through the .120" (3,0mm) diameter holes in the bottom by temporarily removing the lower ferrite half.

Excellent for flex-circuits.

1. Place cable over lower half.
2. Align tabs and pockets on one end.
3. Rotate top half onto bottom clipping both sides in one smooth motion.



PART No.	A	B	C	D	E	F	IMPEDANCE IN OHMS						
RC28B0765	.370	9,4	1.065	27,1	1.312	33,3	.038	0,97	.547	13,9	.250	6,4	142 @ 100MHz
RC28B1265	.370	9,4	1.560	39,6	1.312	33,3	.038	0,97	1.047	26,6	.750	19,1	148 @ 100MHz
RC28B2265	.370	9,4	2.560	65,0	1.312	33,3	.038	0,97	2.047	52,0	1.750	44,5	154 @ 100MHz

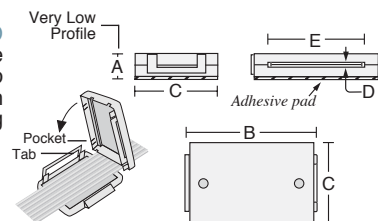
low profile flat cable clamp



SLIM-LINE FLAT CABLE CLAMP WITH CABLE GRIP OPENINGS AND ADHESIVE MOUNT. Ferrite pair snaps together into the lowest profile nylon enclosure available. Three sizes accommodate flat cables up to 40-conductors. Internal grip-lock tabs apply pressure on cable to maintain mounting position. Installs easily on any mounting surface by removing liner from foam adhesive base pad.

Excellent for flex-circuits.

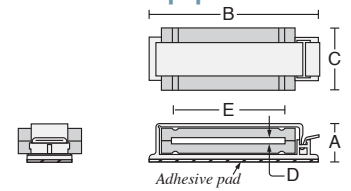
1. Place cable over lower half.
2. Align tabs and pockets on one end.
3. Rotate top half onto bottom clipping both sides in one smooth motion.



PART No.	A	B	C	D	E	IMPEDANCE IN OHMS					
RA28B0765	.400	10,2	1.065	27,1	1.312	33,3	.038	0,97	.547	13,9	142 @ 100MHz
RA28B1265	.400	10,2	1.560	39,6	1.312	33,3	.038	0,97	1.047	26,6	148 @ 100MHz
RA28B2265	.400	10,2	2.560	65,0	1.312	33,3	.038	0,97	2.047	52,0	154 @ 100MHz

flat cable clamp

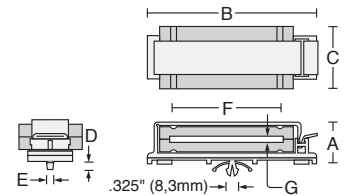
WITH ADHESIVE MOUNT. Ferrite assembly bonded in nylon mounting clamp; easily installed by peeling protective paper strip from base and pressing into place. Nine sizes accommodate all flat cables up to 50-conductor width.



PART No.	w/o Adhesive	A	B	C	D	E	IMPEDANCE IN OHMS	
FA28B0071	FC28B0071	.520 13,2	1.244 31,6	.750 19,1	.060 1,5	.510 13,0	49 @ 100 MHz	
FA28B0121	FC28B0121	.520 13,2	1.790 45,5	.750 19,1	.060 1,5	1.010 25,7	97 @ 100 MHz	
FA28B1240	FC28B1240	.520 13,2	1.790 45,5	1.125 28,6	.040 1,0	1.020 25,9	250 @ 100MHz	
FA28B1265		.520 13,2	1.790 45,5	1.125 28,6	.038 1,0	1.047 26,6	148 @ 100MHz	
FA28B1729	FC28B1729	.800 20,3	2.430 61,7	1.125 28,6	.060 1,5	1.355 34,4	200 @ 100 MHz	
FA28B2265		.520 13,2	3.810 80,8	1.125 28,6	.038 1,0	2.047 52,0	154 @ 100 MHz	
FA28B2375	FC28B2375	.800 20,3	3.180 80,8	1.050 26,7	.060 1,5	1.720 43,7	195 @ 100 MHz	
FA28B2480	FC28B2480	.800 20,3	3.180 80,8	1.125 28,6	.060 1,5	2.047 52,0	250 @ 100 MHz	
FA28B3012	FC28B3012	.800 20,3	3.700 94,0	1.125 28,6	.060 1,5	2.540 64,5	286 @ 100 MHz	

flat cable clamp

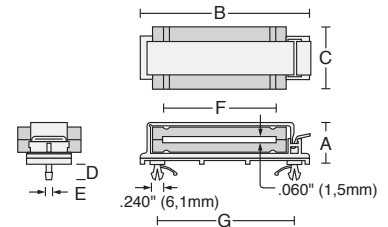
WITH SINGLE PRESS FIT MOUNT. Ferrite assembly bonded in nylon mounting clamp; easily installed by pressing the integral spring tab fastener into a .250" (6,4mm) diameter hole. Seven sizes accommodate all flat cables up to 50-conductor width. Fits substrates up to .070" (1,8mm) thickness.



PART No.	A	B	C	D	E	F	G	IMPEDANCE IN OHMS	
FF28B0121	.475 12,7	1.790 45,5	.750 19,1	.325 8,3	.240 6,1	1.010 25,7	.060 1,5	97 @ 100MHz	
FF28B1240	.475 12,7	1.790 45,5	1.125 28,6	.325 8,3	.240 6,1	1.020 25,9	.040 1,0	250 @ 100MHz	
FF28B1265	.475 12,7	1.790 45,5	1.125 28,6	.325 8,3	.240 6,1	1.047 26,6	.038 1,0	148 @ 100MHz	
FF28B1729	.800 20,3	2.430 61,7	1.125 28,6	.280 7,1	.183 4,6	1.355 34,4	.060 1,5	200 @ 100MHz	
FF28B2375	.800 20,3	3.180 80,8	1.050 26,7	.280 7,1	.183 4,6	1.720 43,7	.060 1,5	195 @ 100MHz	
FF28B2480	.800 20,3	3.180 80,8	1.125 28,6	.280 7,1	.183 4,6	2.047 52,0	.060 1,5	250 @ 100MHz	
FF28B3012	.800 20,3	3.700 94,0	1.125 28,6	.280 7,1	.183 4,6	2.540 64,5	.060 1,5	286 @ 100MHz	

flat cable clamp

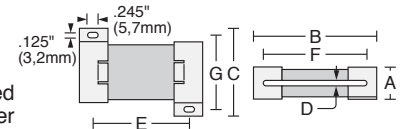
WITH DUAL PRESS FIT MOUNTS. Ferrite assembly bonded in nylon mounting clamp; easily installed by pressing the integral spring tab fasteners into two .219" (5,6mm) diameter holes. Three sizes accommodate all flat cables up to 50-conductor width. Fits substrates up to .070" (1,8mm) thickness.



PART No.	A	B	C	D	E	F	G	IMPEDANCE IN OHMS	
FD28B2375	.800 20,3	3.180 80,8	1.050 26,7	.280 7,1	.183 4,6	1.720 43,7	2.550 64,8	195 @ 100MHz	
FD28B2480	.800 20,3	3.180 80,8	1.125 28,6	.280 7,1	.183 4,6	2.047 52,0	2.550 64,8	250 @ 100MHz	
FD28B3012	.800 20,3	3.700 94,0	1.125 28,6	.280 7,1	.183 4,6	2.540 64,5	2.550 64,8	286 @ 100MHz	

flat cable clamp

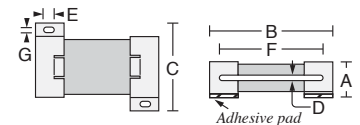
WITH SPLIT END CAPS, HARDWARE MOUNT. Ferrite assembly press-fitted into a pair of nylon end caps. Mounts using screws, push-rivets, or other hardware. Ten sizes accommodate flat cables up to 64-conductor width.



PART No.	A	B	C	D	E	F	G	IMPEDANCE IN OHMS	
SE28B0071	.375 9,5	.815 20,7	1.190 30,2	.060 1,5	.470 11,9	.510 13,0	.900 22,9	49 @ 100MHz	
SE28B0121	.375 9,5	1.315 33,4	1.190 30,2	.060 1,5	1.000 25,4	1.000 25,7	.900 22,9	97 @ 100MHz	
SE28B0146	.375 9,5	1.565 39,8	1.190 30,2	.060 1,5	1.250 31,8	1.260 32,0	.900 22,9	120 @ 100MHz	
SE28B0221	.375 9,5	2.315 58,8	1.190 30,2	.060 1,5	2.000 50,8	2.010 51,1	.900 22,9	176 @ 100MHz	
SE28B1240	.625 15,9	1.365 34,7	1.829 46,5	.040 1,0	.725 18,4	1.020 25,9	1.500 38,1	250 @ 100MHz	
SE28B1729	.625 15,9	1.849 47,0	1.829 46,5	.060 1,5	1.300 33,0	1.355 34,4	1.500 38,1	200 @ 100MHz	
SE28B2480	.625 15,9	2.570 65,3	1.829 46,5	.060 1,5	2.000 50,8	2.047 52,0	1.500 38,1	250 @ 100MHz	
SE28B3012	.625 15,9	3.125 79,4	1.829 46,5	.060 1,5	2.550 64,8	2.540 64,5	1.500 38,1	286 @ 100MHz	
SE28B3500	.625 15,9	3.620 91,9	1.829 46,5	.060 1,5	3.020 76,7	3.000 76,2	1.500 38,1	290 @ 100MHz	
SE28B4340	.625 15,9	4.460 113,3	1.829 46,5	.104 2,6	3.875 98,4	3.240 82,3	1.500 38,1	325 @ 100MHz	

flat cable clamp

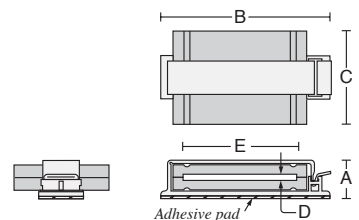
WITH SPLIT END CAPS, ADHESIVE MOUNT. Ferrite assembly press-fitted into a pair of nylon end caps with adhesive foam mounting pads. Ten sizes accommodate flat cables up to 64-conductor width.



PART No.	A	B	C	D	E	F	G	IMPEDANCE IN OHMS	
SA28B0071	.405 10,3	.815 20,7	1.190 30,2	.060 1,5	.245 5,7	.510 13,0	.125 3,2	49 @ 100MHz	
SA28B0121	.405 10,3	1.315 33,4	1.190 30,2	.060 1,5	.245 5,7	1.010 25,7	.125 3,2	97 @ 100MHz	
SA28B0146	.405 10,3	1.565 39,8	1.190 30,2	.060 1,5	.245 5,7	1.260 32,0	.125 3,2	120 @ 100MHz	
SA28B0221	.405 10,3	2.315 58,8	1.190 30,2	.060 1,5	.245 5,7	2.010 51,1	.125 3,2	176 @ 100MHz	
SA28B1240	.655 16,6	1.365 34,7	1.829 46,5	.040 1,0	.245 5,7	1.020 25,9	.125 3,2	250 @ 100MHz	
SA28B1729	.655 16,6	1.849 47,0	1.829 46,5	.060 1,5	.245 5,7	1.355 34,4	.125 3,2	200 @ 100MHz	
SA28B2480	.655 16,6	2.570 65,3	1.829 46,5	.060 1,5	.245 5,7	2.047 52,0	.125 3,2	250 @ 100MHz	
SA28B3012	.655 16,6	3.125 79,4	1.829 46,5	.060 1,5	.245 5,7	2.540 64,5	.125 3,2	286 @ 100MHz	
SA28B3500	.655 16,6	3.620 91,9	1.829 46,5	.060 1,5	.245 5,7	3.000 76,2	.125 3,2	290 @ 100MHz	
SA28B4340	.655 16,6	4.460 113,3	1.829 46,5	.104 2,6	.245 5,7	3.240 82,3	.125 3,2	325 @ 100MHz	

high impedance flat cable clamp

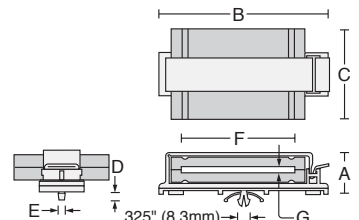
WITH ADHESIVE MOUNT. Extra wide ferrite assembly greatly increases effective magnetic path. Bonded in nylon mounting clamp; easily installed by peeling protective paper strip from base and pressing into place. Three sizes accommodate all flat cables up to 50-conductor width.



PART No.	w/o Adhesive	A	B	C	D	E	IMPEDANCE IN OHMS	
FA28B1785	FC28B1785	.800 20,3	2.430 61,7	1.500 38,1	.060 1,5	1.355 34,4	260 @ 100MHz	
FA28B2500	FC28B2500	.800 20,3	3.180 80,8	1.500 38,1	.060 1,5	2.047 52,0	325 @ 100MHz	
FA28B3000	FC28B3000	.800 20,3	3.700 94,0	1.500 38,1	.060 1,5	2.540 64,5	370 @ 100MHz	

high impedance flat cable clamp

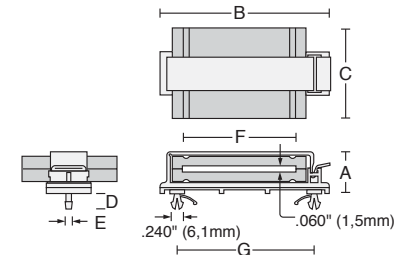
WITH SINGLE PRESS FIT MOUNT. Extra wide ferrite assembly greatly increases effective magnetic path. Bonded in nylon mounting clamp; easily installed by pressing the integral spring tab fastener into a .250" (6,4mm) diameter hole. Three sizes accommodate all flat cables up to 50-conductor width. Fits substrates up to .070" (1,8mm) thickness.



PART No.	A	B	C	D	E	F	G	IMPEDANCE IN OHMS	
FF28B1785	.800 20,3	2.430 61,7	1.500 38,1	.280 7,1	.183 4,6	1.355 34,4	.060 1,5	260 @ 100MHz	
FF28B2500	.800 20,3	3.180 80,8	1.500 38,1	.280 7,1	.183 4,6	2.047 52,0	.060 1,5	325 @ 100MHz	
FF28B3000	.800 20,3	3.700 94,0	1.500 38,1	.280 7,1	.183 4,6	2.540 64,5	.060 1,5	370 @ 100MHz	

high impedance flat cable clamp

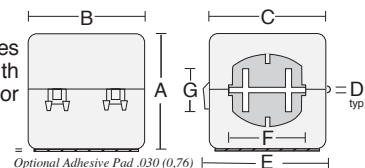
WITH DUAL PRESS FIT MOUNTS. Extra wide ferrite assembly greatly increases effective magnetic path. Bonded in nylon mounting clamp; easily installed by pressing the integral spring tab fasteners into two .219" (5,6mm) diameter holes. Two sizes accommodate all flat cables up to 50-conductor width. Fits substrates up to .070" (1,8mm) thickness.



PART No.	A	B	C	D	E	F	G	IMPEDANCE IN OHMS	
FD28B2500	.800 20,3	3.180 80,8	1.500 38,1	.280 7,1	.183 4,6	2.047 52,0	2.550 64,8	325 @ 100MHz	
FD28B3000	.800 20,3	3.700 94,0	1.500 38,1	.280 7,1	.183 4,6	2.540 64,5	2.550 64,8	370 @ 100MHz	

high impedance flat cable sleeve clamp

WITH 15-CONDUCTOR FLAT CABLE OPENING. Uniquely accommodates flat cables up to 15-conductors through the horizontal opening with substantially more impedance than standard flat clamps used typically for this type of application.



Available with optional adhesive foam mounting pad base.

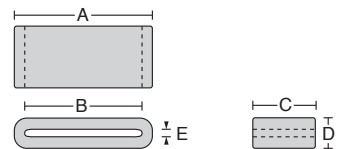
Available in standard colors gray (SS28B2035-15) and black (SS28B2035-15K) Patent No. 5,003,278

PART No.	w/ Adhesive Pad	A	B	C	D	E	F	IMPEDANCE IN OHMS	
SS28B2035-15	AS28B2035-15	1.16 29,4	1.25 31,8	1.125 28,6	.038 1,1	1.230 35,1	.755 21,6	270 @ 100MHz	



low profile solids

ULTRA-THIN. Excellent for thin flex circuits and SCSI 2 flat cables on .025" (0,64mm) centers. Six sizes accommodate cable widths up to 2.00" (50,8 mm).

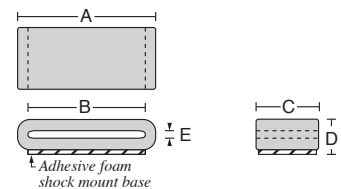


PART No.	A		B		C		D		E		IMPEDANCE IN OHMS
28R0760	.760	19,3	.510	13,0	1.125	28,6	.300	7,6	.051	1,3	150 @ 100MHz
28R1127	1.125	28,6	.925	23,5	1.220	31,0	.303	7,7	.066	1,7	188 @ 100MHz
28R1127-2	1.125	28,6	.925	23,5	.980	24,9	.303	7,7	.066	1,7	151 @ 100MHz
28R1260	1.260	32,0	1.010	25,7	1.125	28,6	.300	7,6	.051	1,3	237 @ 100MHz
28R1575	1.575	40,0	1.325	33,7	1.125	28,6	.300	7,6	.051	1,3	160 @ 100MHz
28R1953	1.953	49,6	1.732	44,0	.472	12,0	.288	7,3	.059	1,5	109 @ 100MHz
28R2300	2.300	58,4	2.050	52,1	1.125	28,6	.300	7,6	.051	1,3	245 @ 100MHz



low profile solids

ULTRA-THIN WITH SHOCK MOUNT ADHESIVE FOAM BASE. Excellent for thin flex circuits and SCSI 2 flat cables on .025" (0,64mm) centers. Six sizes accommodate cable widths up to 2.00" (50,8mm). High tack adhesive mounting pad secures to almost any surface. Can be stacked one on top of another.

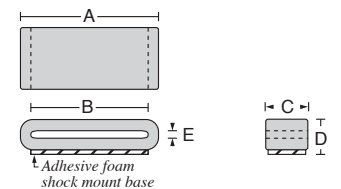


PART No.	A		B		C		D		E		IMPEDANCE IN OHMS
SM28R0760	.760	19,3	.510	13,0	1.125	28,6	.330	8,4	.051	1,3	150 @ 100MHz
SM28R1127	1.125	28,6	.925	23,5	1.220	31,0	.333	8,5	.066	1,7	188 @ 100MHz
SM28R1127-2	1.125	28,6	.925	23,5	.980	24,9	.303	8,5	.066	1,7	151 @ 100MHz
SM28R1260	1.260	32,0	1.010	25,7	1.125	28,6	.330	8,4	.051	1,3	237 @ 100MHz
SM28R1575	1.575	40,0	1.325	33,7	1.125	28,6	.330	8,4	.051	1,3	160 @ 100MHz
SM28R1953	1.953	49,6	1.732	44,0	.472	12,0	.318	8,1	.059	1,5	109 @ 100MHz
SM28R2300	2.300	58,4	2.050	52,1	1.125	28,6	.330	8,4	.051	1,3	245 @ 100MHz

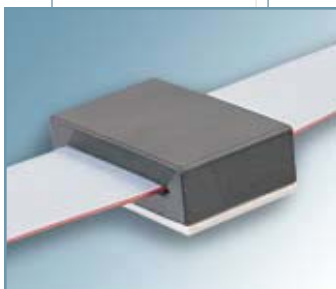


flex-circuit low profile solids

ULTRA-THIN WITH OPTIONAL ADHESIVE FOAM BASE. Solid thin profile ferrite suppressors. Excellent for flex-circuits and tight spaces. Various sizes can accommodate circuits up to 1.25" (31,8mm).

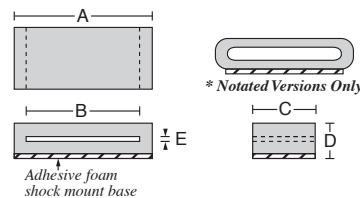


PART No.	w/Adhesive	A		B		C		D		E		IMPEDANCE IN OHMS
FX28R0984-0	FX28R0984-0A	.984	25,0	.709	18,0	.945	24,0	.303	7,7	.035	0,9	220 @ 100MHz
FX28R0984-2	FX28R0984-2A	.984	25,0	.709	18,0	.630	16,0	.303	7,7	.035	0,9	170 @ 100MHz
FX28R1261-2	FX28R1261-2A	1.260	32,0	.988	25,1	.382	9,7	.303	7,7	.035	0,9	135 @ 100MHz
FX28R1450-1	FX28R1450-1A	1.450	36,8	1.165	29,6	.394	10,0	.303	7,7	.035	0,9	130 @ 100MHz
FX28R1457-4	FX28R1457-4A	1.457	37,0	1.299	33,0	.530	13,5	.177	4,5	.020	0,5	140 @ 100MHz



rectangular solids

WITH OPTIONAL SHOCK-MOUNT ADHESIVE FOAM BASE. Solid ferrite suppressors configured to accept flat ribbon cables. Must be installed prior to termination of the cable. High tack adhesive mounting pad secures the cable routing to a fixed point on almost any surface. Can be stacked one on top of another. A variety of designs accommodate special installation and insertion loss requirements.



PART No.	w/Adhesive	A		B		C		D		E		IMPEDANCE IN OHMS
28B0785	SM28B0785	.785	19,9	.515	13,1	1.100	27,9	.445	11,3	.145	3,7	170 @ 100MHz
28R1531*	SM28R1531*	1.530	38,9	1.045	26,5	1.125	28,6	1.055	26,8	.510	13,0	196 @ 100MHz
28B1775	SM28B1775	1.775	45,1	1.355	34,4	1.125	28,6	.520	13,2	.060	1,52	293 @ 100MHz
28B1779	SM28B1779	2.500	63,5	2.050	52,1	1.125	28,6	.530	13,5	.066	1,68	295 @ 100MHz
28B1101	SM28B1101	1.101	28,0	.902	22,9	.577	14,7	.335	8,5	.059	1,5	133 @ 100MHz
28B1775-1	SM28B1775-1	1.775	45,1	1.355	34,4	.500	12,7	.520	13,2	.060	1,5	151 @ 100MHz
28B2170-1	SM28B2170-1	2.170	55,1	1.720	43,7	.500	12,7	.530	13,5	.050	1,3	176 @ 100MHz
28B2002	SM28B2002	2.394	60,8	2.000	50,8	.610	15,5	.724	18,4	.300	7,6	109 @ 100MHz
28B3149	SM28B3149	3.149	80,0	2.700	68,6	.500	12,7	.502	12,8	.075	1,9	93 @ 100MHz

saddle beads®

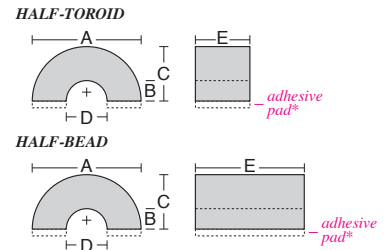


HALF-TOROIDS AND HALF-BEADS WITH OR WITHOUT ADHESIVE MOUNT BASE.

Absorbs RFI right at the source before resonance and harmonics effects are transferred to neighboring components.

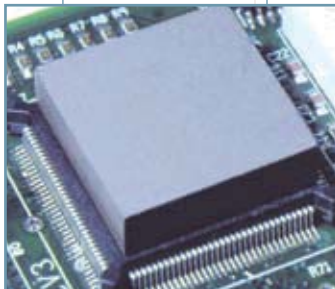
U-shaped with central opening extending directly to the outside radius for easy mounting. By simply straddling a cable or PCB component, a significant amount of magnetic coupling occurs, between 30%-40% of the impedance of our fully circumferential styles, depending on configuration.

Excellent for quick, economical applications, tight spaces, electronic enclosure cable routing, and especially direct mounting over leaded or surface mount printed circuit board components. Attaches to any surface with optional adhesive foam base or common electronic adhesives.



* Optional adhesive mount base .030" (0,7mm) thick
+ Point of measured impedance (see impedance below)

PART No. without Adhesive Mount	PART No. with Adhesive Mount	A	B	C	D	E	TYPE	IMPEDANCE IN OHMS (ref.)					
SB28B0550	SB28B0550AB	.550	14,0	.107	2,7	.275	7,0	.214	5,4	1.105	28,0	half bead	100 @ 100MHz
SB28B0617	SB28B0617AB	.617	15,7	.138	3,5	.308	7,8	.276	7,0	1.125	28,6	half toroid	95 @ 100MHz
SB28B0642	SB28B0642AB	.642	16,3	.150	3,8	.341	8,7	.320	8,1	.630	16,0	half toroid	30 @ 100MHz
SB28B0805	SB28B0805AB	.805	20,4	.172	4,3	.402	10,2	.404	10,3	.394	10,0	half toroid	25 @ 100MHz
SB28B0937	SB28B0937AB	.937	23,8	.224	5,7	.468	11,9	.449	11,4	.551	14,0	half toroid	34 @ 100MHz
SB28B1123	SB28B1123AB	1.123	28,5	.271	6,9	.561	14,2	.543	13,8	1.125	28,6	half toroid	83 @ 100MHz
SB28B0984	SB28B0984AB	.984	25,0	.295	7,5	.492	12,5	.591	15,0	.472	12,0	half toroid	37 @ 100MHz
SB28B1251	SB28B1251AB	1.251	31,8	.375	9,5	.625	15,9	.750	19,1	.875	22,2	half toroid	50 @ 100MHz
SB28B1501	SB28B1501AB	1.500	38,1	.375	9,5	.750	19,1	.750	19,1	1.000	25,4	half toroid	80 @ 100MHz
SB28B1500	SB28B1500AB	1.500	38,1	.500	12,7	.750	19,1	1.000	25,4	1.000	25,4	half toroid	75 @ 100MHz
SB28B2000	SB28B2000AB	2.000	50,0	.500	12,7	1.000	25,4	1.000	25,4	1.500	38,1	half toroid	175 @ 100MHz



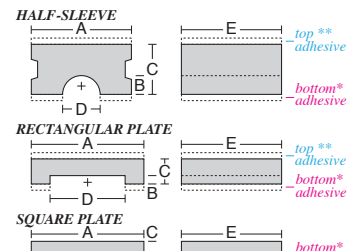
saddle beads®

HALF-SLEEVES AND RECTANGULAR PLATES WITH OR WITHOUT ADHESIVE MOUNT BASE.

Absorbs RFI right at the source before resonance and harmonics effects are transferred to neighboring components.

Rectangular sleeves or plate shapes with central opening extending outward to easily straddle a cable or PCB component, introducing a significant amount of magnetic coupling and impedance. Between 30% to 40% of the impedance of our fully enclosed styles, depending on configuration.

When affixed with thermally conductive adhesive to flat components, such as semiconductors, heat sink thermal dissipation occurs, increasing component efficiency. Attaches to any surface with optional adhesive foam base or common electronic adhesives.



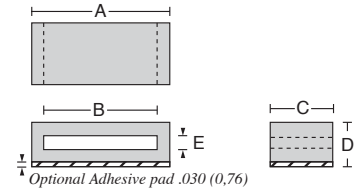
* Optional adhesive bottom mount base .030" (0,7mm)
** Optional adhesive top mount base .030" (0,7mm)
+ Point of measured impedance (see impedance below)

PART No. without Adhesive Mount	PART No. with top** Adhesive Mount	PART No. with bottom* Adhesive Mount	A	B	C	D	E	TYPE	IMPEDANCE IN OHMS (ref.)					
SB28B2027	SB28B2027AT	SB28B2027AB	.296	7,5	.048	1,2	.148	3,8	.096	2,4	.297	7,5	half sleeve	18 @ 100MHz
SB28B2034	SB28B2034AT	SB28B2034AB	.445	11,3	.110	2,8	.200	5,1	.220	5,6	1.000	25,4	half sleeve	30 @ 100MHz
SB28B2031	SB28B2031AT	SB28B2031AB	.536	13,6	.125	3,2	.270	6,9	.250	6,4	1.100	27,9	half sleeve	45 @ 100MHz
SB28B2030	SB28B2030AT	SB28B2030AB	.638	16,2	.176	4,5	.319	8,1	.352	9,0	1.100	27,9	half sleeve	40 @ 100MHz
SB28B2041	SB28B2041AT	SB28B2041AB	.800	20,3	.200	5,1	.400	10,2	.400	10,2	1.100	27,9	half sleeve	40 @ 100MHz
SB28B2032	SB28B2032AT	SB28B2032AB	.965	24,5	.256	6,5	.492	12,5	.512	13,0	1.050	26,7	half sleeve	60 @ 100MHz
SB28B2035	SB28B2035AT	SB28B2035AB	.965	24,5	.365	9,3	.492	12,5	.730	18,5	1.050	26,7	half sleeve	65 @ 100MHz
SB28B2039	SB28B2039AT	SB28B2039AB	1.400	35,5	.255	6,5	.700	17,8	.510	13,0	1.500	38,1	half sleeve	245 @ 100MHz
SB28B2043	SB28B2043AT	SB28B2043AB	1.400	35,5	.375	9,5	.700	17,8	.750	17,8	1.500	38,1	half sleeve	125 @ 100MHz
SB28B0010	SB28B0010AT	SB28B0010AB	.325	8,3	.062	1,6	.163	4,1	.125	3,2	.600	15,2	half sleeve	20 @ 100MHz
SB28B0071	SB28B0071AT	SB28B0071AB	.710	18,0	.030	0,7	.130	3,3	.510	13,0	.500	12,7	rectangular plate	23 @ 100MHz
SB28B0121	SB28B0121AT	SB28B0121AB	1.210	30,7	.030	0,7	.130	3,3	1.010	25,7	.500	12,7	rectangular plate	35 @ 100MHz
SB28B0146	SB28B0146AT	SB28B0146AB	1.460	37,1	.030	0,7	.130	3,3	1.260	32,0	.500	12,7	rectangular plate	30 @ 100MHz
SB28B0221	SB28B0221AT	SB28B0221AB	2.210	56,1	.030	0,7	.130	3,3	2.010	51,1	.500	12,7	rectangular plate	80 @ 100MHz
SB28B1729	SB28B1729AT	SB28B1729AB	1.729	43,9	.030	0,7	.250	6,4	1.355	34,4	1.125	28,6	rectangular plate	30 @ 100MHz
SB28B2375	SB28B2375AT	SB28B2375AB	2.350	59,7	.030	0,7	.250	6,4	1.720	43,7	1.000	25,4	rectangular plate	79 @ 100MHz
SB28B2480	SB28B2480AT	SB28B2480AB	2.500	63,5	.030	0,7	.250	6,4	2.047	52,0	1.125	28,6	rectangular plate	100 @ 100MHz
SB28B3012	SB28B3012AT	SB28B3012AB	3.000	76,2	.030	0,7	.250	6,4	2.540	64,5	1.125	28,6	rectangular plate	105 @ 100MHz
SB28B3500	SB28B3500AT	SB28B3500AB	3.500	86,5	.030	0,7	.250	6,4	3.000	76,2	1.125	28,6	rectangular plate	125 @ 100MHz
SB28B4340	SB28B4340AT	SB28B4340AB	4.340	110,2	.052	1,3	.250	6,4	3.240	82,3	1.125	28,6	rectangular plate	150 @ 100MHz
SB28B0500	N/A	SB28B0500AB	.500	12,7	N/A	N/A	.250	6,4*	N/A	.500	12,7	square plate	25 @ 100MHz	
SB28B0500-1	N/A	SB28B0500-1AB	.500	12,7	N/A	N/A	.100	2,5	N/A	.500	12,7	square plate	10 @ 100MHz	
SB28B0875	N/A	SB28B0875AB	.875	22,2	N/A	N/A	.250	6,4*	N/A	.875	22,2	square plate	40 @ 100MHz	
SB28B0875-1	N/A	SB28B0875-1AB	.875	22,2	N/A	N/A	.100	2,5	N/A	.875	22,2	square plate	24 @ 100MHz	
SB28B1055	N/A	SB28B1055AB	1.055	26,8	N/A	N/A	.250	6,4*	N/A	1.055	26,8	square plate	65 @ 100MHz	
SB28B1055-1	N/A	SB28B1055-1AB	1.055	26,8	N/A	N/A	.100	2,5	N/A	1.055	26,8	square plate	28 @ 100MHz	
SB28B2100	N/A	SB28B2100AB	2.100	53,3	N/A	N/A	.250	6,4*	N/A	2.100	53,3	square plate	130 @ 100MHz	
SB28B2100-1	N/A	SB28B2100-1AB	2.100	53,3	N/A	N/A	.100	2,5	N/A	2.100	53,3	square plate	70 @ 100MHz	



rectangular solid bus bar ferrite

EXTRA WIDE OPENING WITH OPTIONAL ADHESIVE MOUNTING. Excellent for bus bar thicknesses up to .500" (12,7mm). Three sizes accommodate bus bar widths up to 2.000" (50,8mm). Optional high tack adhesive mounting secures to almost any surface. Can be stacked one upon the other.

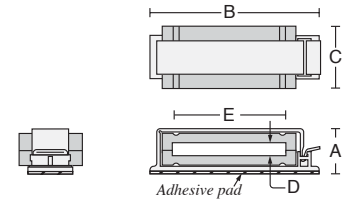


PART No.	w/ adhesive	A	B	C	D	E	IMPEDANCE IN OHMS
28B0785	SM28B0785	.785 19,9	.515 13,1	1.100 27,9	.415 10,5	.145 3,7	170 @ 100MHz
28R1531	SM28R1531	1.530 38,9	1.045 26,5	1.125 28,6	1.025 26,0	.510 13,0	196 @ 100MHz
28B2002	SM28B2002	2.394 60,8	2.000 50,8	.610 15,5	.694 17,6	.300 7,6	109 @ 100MHz



rectangular split ferrite bus bar clamp

EXTRA WIDE OPENING WITH ADHESIVE FOAM MOUNTING BASE. All-purpose series of two sizes accommodate all bus bar widths up to 2.45" (62,2mm) and thicknesses up to .285" (6,5mm). Installs easily by peeling protective paper liner from base.

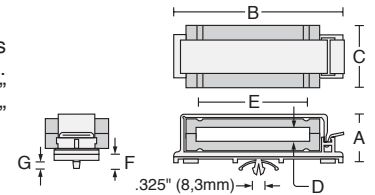


PART No.	A	B	C	D	E	IMPEDANCE IN OHMS
FA28B2440	1.040 26,4	3.180 80,8	1.125 28,6	.290 7,3	2.000 50,8	180 @ 100MHz
FA28B2940	1.040 26,4	3.700 94,0	1.125 28,6	.290 7,3	2.500 63,5	160 @ 100MHz

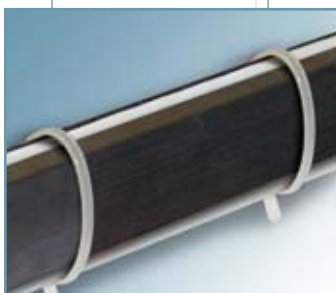


rectangular split ferrite bus bar clamp

EXTRA WIDE OPENING WITH PRESS-FIT MOUNTING BASE. For bus bar widths up to 2.45" (62,2mm) and thicknesses up to .285" (6,5mm). Installs easily by pressing the integral spring tab fastener into a .250" (6,4mm) diameter hole. Accommodates panel thicknesses up to .150" (3,81mm).

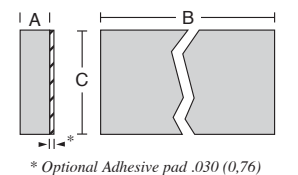


PART No.	A	B	C	D	E	F	G	IMPEDANCE IN OHMS
FF28B2440	1.040 26,4	3.180 80,8	1.125 28,6	.290 7,3	2.000 50,8	.390 9,9	.200 5,1	180 @ 100MHz
FF28B2940	1.040 26,4	3.700 94,0	1.125 28,6	.290 7,3	2.500 63,5	.390 9,9	.200 5,1	160 @ 100MHz



special purpose shielding bar

For situations where extremely high amounts of attenuation are needed. Can be strapped longitudinally onto bus bars with common cable tie-wraps; or, potting compounds can be used. Sandwiching the bus bar between two shielding bars will dramatically increase impedance up to three times the effect of a single bar depending on frequencies involved. Optional adhesive pad facilitates mounting.



PART No.	w/ adhesive	A	B	C	IMPEDANCE IN OHMS
SB28B5630	SB28B5630A	.365 9,3	5.630 143,0	1.00 25,4	one pass: 500 @ 100MHz



universal-fit clamps and sleeves

STANDARD CATALOG CABLE FERRITE ASSEMBLIES. Any of the round or flat cable clamps shown elsewhere in this catalog make a perfectly good solution for many bus bar geometries and their mounting requirements. A properly placed suppressor will attenuate unwanted high frequency signals, thus negating the conductor and/or antenna-like radiating effects at specific frequencies while not disturbing the power distribution characteristics.