

saddle beads®

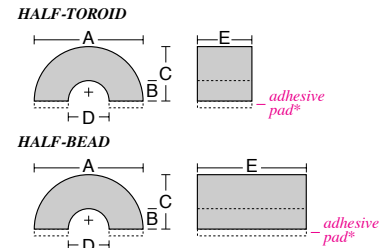


HALF-TOROIDS AND HALF-BEADS WITH OR WITHOUT ADHESIVE MOUNT BASE.

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

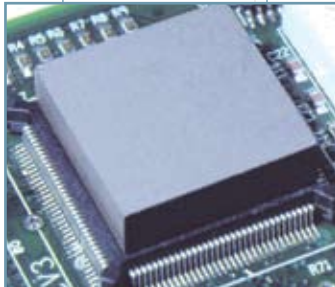
U-shaped with central opening extending directly to the outside radius for easy mounting. By simply straddling a cable or PCB component, a significant amount of magnetic coupling occurs, between 30%-40% of the impedance of our fully circumferential styles, depending on configuration.

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



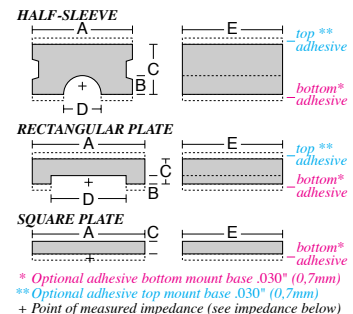
saddle beads®

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	.250 6,4*	N/A	.500 12,7	square plate	25 @ 100MHz
SB28B0500-1	N/A	SB28B0500-1AB	.500 12,7	N/A	.100 2,5	N/A	.500 12,7	square plate	10 @ 100MHz
SB28B0875	N/A	SB28B0875AB	.875 22,2	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	.100 2,5	N/A	.875 22,2	square plate	24 @ 100MHz
SB28B1055	N/A	SB28B1055AB	1.055 26,8	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	.100 2,5	N/A	1.055 26,8	square plate	28 @ 100MHz
SB28B2100	N/A	SB28B2100AB	2.100 53,3	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	.100 2,5	N/A	2.100 53,3	square plate	70 @ 100MHz