

# DATA SHEET

## **EMI-suppression beads** **EMI-suppression products**

Supersedes data of November 2000

2002 Feb 01

EMI-suppression products

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EMI-SUPPRESSION BEADS

Colour marking: 4S2 has a flash of yellow paint.

Note

1. Typical values at 100 MHz,  $|Z|_{\min}$  is -20%.

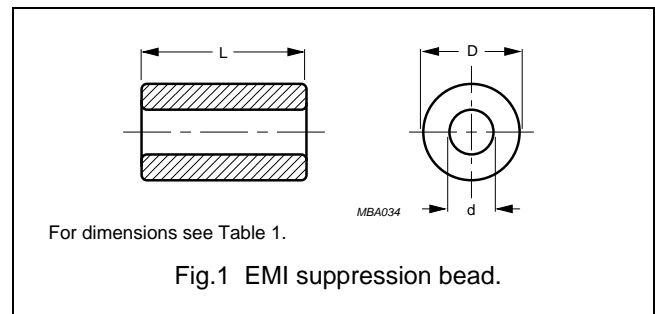


Table 1 Grades, parameters and type numbers; see Fig.1

GRADE	$ Z_{typ}  (\Omega)^{(1)}$							DIMENSIONS (mm)			TYPE NUMBER
	at frequency (MHz)							D	d	L	
	1	3	10	25	30	100	300				
3S1	24	48	49	-	39	33	29	3 ±0.1	0.7 +0.1	4 ±0.2	BD3/0.7/4-3S1 <sup>sup</sup>
	41	90	91	-	74	63	55	3 ±0.1	1 +0.1/-0.05	10 ±0.3	BD3/1/10-3S1 <sup>sup</sup>
	34	65	66	-	53	45	40	5.1 -0.3	0.75 +0.1	4 ±0.2	BD5.1/0.8/4-3S1 <sup>sup</sup>
	88	156	160	-	113	88	63	5.1 -0.3	0.75 +0.1	10 ±0.3	BD5.1/0.8/10-3S1
	16	28	40	-	33	28	25	5.1 -0.3	1.5 +0.15	4 ±0.2	BD5.1/1.5/4-3S1
	50	90	100	-	80	69	60	5.1 -0.3	1.5 +0.15	10 ±0.3	BD5.1/1.5/10-3S1 <sup>sup</sup>
	13	23	30	-	25	21	19	5.1 -0.3	2 +0.2	4 ±0.2	BD5.1/2/4-3S1
	36	64	76	-	61	53	46	5.1 -0.3	2 +0.2	10 ±0.3	BD5.1/2/10-3S1 <sup>sup</sup>
4S2	7	20	35	-	54	69	76	1.9 +0.2	0.8 +0.2	9.75 -0.2	BD1.9/0.8/9.8-4S2 <sup>sup</sup>
	3	10	28	-	40	63	68	3 ±0.1	0.7 +0.1	4 ±0.2	BD3/0.7/4-4S2
	11	38	69	-	101	156	169	3 ±0.1	0.75 +0.1	10 ±0.3	BD3/0.8/10-4S2
	4	11	23	-	31	48	54	3 ±0.1	1 +0.1/-0.05	4 ±0.2	BD3/1/4-4S2
	9	29	54	-	76	119	134	3 ±0.1	1 +0.1/-0.05	10 ±0.3	BD3/1/10-4S2
	-	-	-	27	-	40	-	3.5 ±0.2	1.3 ±0.1	3.25 ±0.25	BD3.5/1.3/3.3-4S2
	-	-	-	47	-	60	-	3.5 ±0.2	1.3 ±0.1	6 ±0.25	BD3.5/1.3/6-4S2
	-	-	-	89	-	125	-	3.5 ±0.2	1.3 ±0.1	12.7 ±0.35	BD3.5/1.3/13-4S2
	6	19	38	-	55	85	96	5.1 -0.3	0.75 +0.1	4 ±0.2	BD5.1/0.8/4-4S2
	15	50	94	-	138	213	238	5.1 -0.3	0.75 +0.1	10 ±0.3	BD5.1/0.8/10-4S2 <sup>sup</sup>
	4	13	25	-	34	51	59	5.1 -0.3	1.5 +0.15	4 ±0.2	BD5.1/1.5/4-4S2
	9	31	56	-	85	130	145	5.1 -0.3	1.5 +0.15	10 ±0.3	BD5.1/1.5/10-4S2
	3	10	19	-	25	40	45	5.1 -0.3	2 +0.2	4 ±0.2	BD5.1/2/4-4S2
	-	-	34	-	-	78	-	5.1 -0.3	2 +0.2	7.1 ±0.2	BD5.1/2/7.1-4S2
	8	19	38	-	64	100	111	5.1 -0.3	2 +0.2	10 ±0.3	BD5.1/2/10-4S2 <sup>sup</sup>
	-	-	-	135	-	200	-	6.35 ±0.15	2.95 +0.45	25.4 ±0.75	BD6.4/3/25-4S2
	-	-	-	63	-	92	-	7.65 -0.25	2.25 +0.25	7.55 ±0.25	BD7.7/2.3/7.6-4S2
	5	18	34	-	48	71	81	8 ±0.2	1.5 +0.15	4 ±0.2	BD8/1.5/4-4S2
	13	43	88	-	116	181	201	8 ±0.2	1.5 +0.15	10 ±0.3	BD8/1.5/10-4S2
	5	13	25	-	39	61	69	8 ±0.2	2 +0.2	4 ±0.2	BD8/2/4-4S2
11	35	69	-	96	151	168	8 ±0.2	2 +0.2	10 ±0.3	BD8/2/10-4S2	
3	10	19	-	28	43	48	8 ±0.2	3 +0.2	4 ±0.2	BD8/3/4-4S2	
8	25	50	-	69	106	119	8 ±0.2	3 +0.2	10 ±0.3	BD8/3/10-4S2	

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## DATA SHEET STATUS DEFINITIONS

DATA SHEET STATUS	PRODUCT STATUS	DEFINITIONS
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## PRODUCT STATUS DEFINITIONS

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