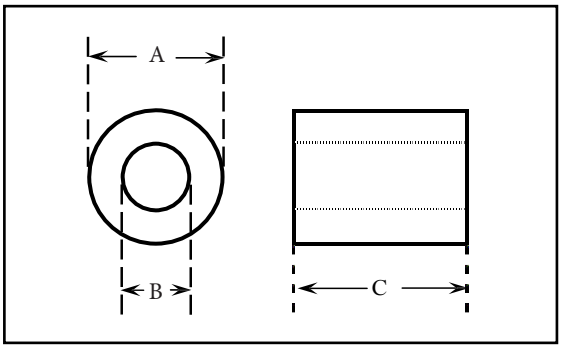
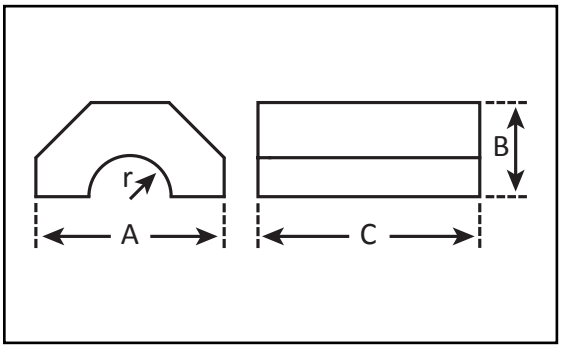
Cylindrical beads are amongst the simplest components for suppression use and are threaded over conductors, as the impedance is, in general, directly proportional to the length of the bead. It should be noted that at frequencies above the material's optimum range, it is advisable to use several shorter beads in preference to a single long bead. The below table lists preferred sizes with impedance values where applicable to the grade given for guidance only.

Type 1



Type 2



Beads - Component specifications

Part No.	Dimensions (mm)			Material Grade	Core Constant C_1 (mm^{-1})	Single turn impedance Z(Ω):		
	O.D. (A)	I.D. (B)	Length (C)			10MHz	25MHz	100MHz
Type 1								
35-534-31	2.66	1.01	3.55	F14	1.83	-	-	-
35-002-31	3.50	1.20	3.00	F14	2.11	-	28	37
35-002-38	3.50	1.20	3.00	F19	2.11	17	25	34
35-011-31	4.00	1.50	5.00	F14	1.37	-	43	58
35-011-38	4.00	1.50	5.00	F19	1.37	26	38	53
35-018-31	4.00	1.50	9.50	F14	0.67	-	82	110
35-018-28	4.00	1.50	9.50	F8	0.67	-	-	-
35-022-28	4.00	1.50	15.85	F8	0.40	-	-	-
35-014-28	4.00	1.50	19.05	F8	0.34	-	-	-
35-033-35	4.00	2.00	5.08	F29	1.78	-	-	-
35-032-28	4.00	2.00	5.00	F8	1.95	-	-	-
35-032-38	4.00	2.00	5.00	F19	1.95	18	27	37
35-035-31	4.00	2.00	20.00	F14	0.45	-	-	-
35-035-32	4.00	2.00	20.00	F16	0.45	-	-	-
35-035-35	4.00	2.00	20.00	F29	0.45	-	-	-
35-048-31	4.10	2.00	3.20	F13	2.74	-	-	-
	Width (A)	Height (B)	Length (C)	Inside Radius (r)				
Type 2								
M-HEX-SPLIT/ F19	22.86 ±0.83	11.68 ±0.51	25.40 ±0.82	4.75 ±0.254	F19	-	-	150	240

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