

B Series

TDK ferrite beads are designed for ease of use to prevent EMI/RFI.

The Products are available in two different materials, with shapes and types to meet most needs.

Features

By selecting suitable materials and shapes from our broad range, effective EMI/RFI measures can be employed.

Product Identification

HF55 | **B** | **TL** | **3.5X** | **4.5** | **B** | **A**
 1 | 2 | 3 | 4 | 5 | 6 | 7

(1) Materials (2) Product symbol (3) Taping width:W (4) Outer diameter:ØA

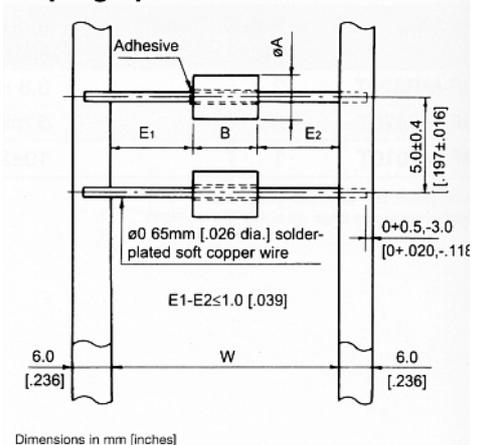
(5) Bead length:B (6) Packing style: b(ammo pack) R(tape and reel)

(7) Ammo pack quantity: 3000 pieces per box

Shapes and Dimensions

Part No.	A	B	W
HF55BTL3.5X4.5BA	3.5 ± 0.2 [.138 ± .008]	4.5 ± 0.3 [.177 ± .012]	52.4 ± 1.5 [2.063 ± .059]
HF55BTL3.5X4.5R	3.5 ± 0.2 [.138 ± .008]	4.5 ± 0.3 [.177 ± .012]	52.4 ± 1.5 [2.063 ± .059]
HF55BTL3.5X8R	3.5 ± 0.2 [.138 ± .008]	8.5 ± 0.3 [.315 ± .012]	52.4 ± 1.5 [2.063 ± .059]
HF55BTS2.6X6BA	2.6 ± 0.2 [.102 ± .008]	6.0 ± 0.3 [.236 ± .012]	26.75 ± 0.75 [1.053 ± .030]
HF70BTL3.5X6R	3.5 ± 0.2 [.138 ± .008]	6.0 ± 0.3 [.236 ± .012]	52.4 ± 1.5 [2.063 ± .059]
HF55BTL3.5X9R	3.5 ± 0.2 [.138 ± .008]	9.0 ± 0.4 [.354 ± .016]	52.4 ± 1.5 [2.063 ± .059]

Taping specification



Electrical Characteristics

	Impedance Z (Ω) 10MHz typ	at 23°C [73.4°F] 100MHz typ	[min]
HF55BTL3.5X4.5BA	34	74	[52]
HF55BTL3.5X4.5R	34	74	[52]
HF55BTL3.5X8R	58	125	[88]
HF55BTS2.6X6BA	36	80	[56]
HF70BTL3.5X6R	50	83	[58]
HF55BTL3.5X9R	76	120	[83]

