

## SURFACE MOUNT SINGLE-LINE & MULTI-LINE POWER AND DATA-LINE EMI SUPPRESSORS

### FEATURES

- Low price. Compact. Very high current handling capacity
- Similar impedance values to leaded shield beads
- Rugged construction to decrease DC resistance and increase current handling capacity

### TERMINAL CONSTRUCTION FOR SINGLE & MULTI-LINE BEADS

- Solid flat tinned copper alloy
- Dimensions: Width - 1.27mm; Length - 1.27mm; Thickness - 0.20mm

### SINGLE-LINE SURFACE MOUNT BEADS

Part Number	Typical Z ( $\Omega$ ) @ 100 MHz	Tol % $\pm$	DCR Max ( $\Omega$ )	Rated current Max (mA)	Test equipment used	Dimensions in millimeters Length A x Width B x Height C Tolerance $\pm 0.30$ mm	Quantity per reel
FB-423226-Y7	40	25	0.006	4000	HP4291A	4.20 x 3.15 x 2.55	500 pieces reel
FB-863226-Y7	90	25	0.0065	5000	with test fixture	8.50 x 3.15 x 2.55	500 pieces reel
FB-784729-Y7	95	25	0.007	6000	HP16092A	7.80 x 4.70 x 2.90	500 pieces reel
Please refer to Figure 1							Also have 330mm reel size with quantities from 2500 to 3000 pieces depending on item

### MULTI-LINE SURFACE MOUNT BEADS

Part Number	Number of lines	Typical Z ( $\Omega$ ) @ 100 MHz each line	Tol % $\pm$	DCR Max ( $\Omega$ )	Rated current Max (mA)	Test equipment used	Dimensions in millimeters Length A x Width B x Height C Tolerance $\pm 0.30$ mm	Quantity per reel
FB4256-2L-4A	2	40	25	0.006	4000	HP4291A	4.00 x 5.60 x 2.50	500 pieces reel
FB6045-3L-5A	3	50	25	0.014	5000	with test fixture HP16092A	5.40 x 4.50 x 1.30	500 pieces reel
Please refer to figures 2 & 3								

NOTE: Terminal construction: All leads are oxygen free high conductivity copper wire with matte tin coating  
Lead width 0.50mm, Lead length 2.98mm

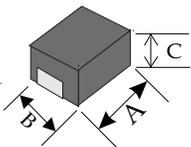


FIGURE 1

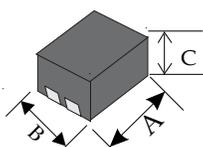


FIGURE 2

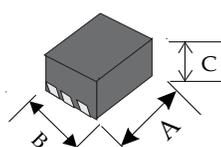


FIGURE 3