

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

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

#### SINGLE-LINE SURFACE MOUNT BEADS

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

#### MULTI-LINE SURFACE MOUNT BEADS

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

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

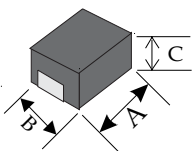


FIGURE 1

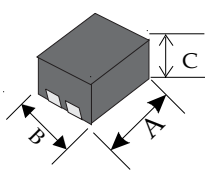


FIGURE 2

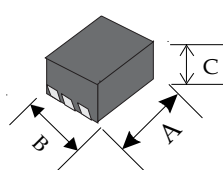


FIGURE 3