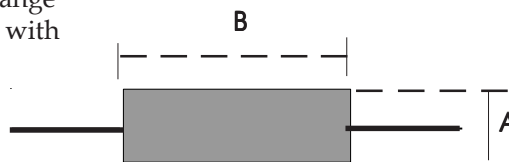


**AXIAL & RADIAL  
SHIELD BEAD  
SERIES K5A & R5A**

### FEATURES

- Very low price
- A convenient, simple solution for obtaining RF attenuation and suppression of undesired high frequency noise, without an attendant sacrifice in DC or low frequency power
- Variety of sizes and impedance values over a wide frequency range
- Superior suppression of radiated emissions for full compliance with Part 15 of FCC Regulations ( Class B ) VDE 0871



### SPECIFICATIONS FOR SINGLE AXIAL SHIELD BEADS

| PART NUMBER | Z @<br>100 MHz<br>( $\Omega$ ) | DIMENSIONS IN INCHES |                | Lead<br>Diameter                   | Lead length<br>( inches ) | Test<br>equipment<br>used         | Packaging<br>Quantity<br>per reel |
|-------------|--------------------------------|----------------------|----------------|------------------------------------|---------------------------|-----------------------------------|-----------------------------------|
|             |                                | Body Diameter A      | Body length B  |                                    |                           |                                   |                                   |
| K5A-035045  | 68                             | 0.128 to 0.148       | 0.165 to 0.185 | 22 AWG<br>Tinned<br>Copper<br>Wire | 1" Nominal                | HP-4291A<br>Impedance<br>Analyzer | 5000                              |
| K5A-035090  | 120                            | 0.128 to 0.148       | 0.330 to 0.370 |                                    |                           |                                   | 2500                              |
| K5A-035067  | 100                            | 0.128 to 0.148       | 0.253 to 0.273 |                                    |                           |                                   | 5000                              |
| K5A-035078  | 120                            | 0.128 to 0.148       | 0.280 to 0.320 |                                    |                           |                                   | 5000                              |
| K5A-035060  | 90                             | 0.128 to 0.148       | 0.226 to 0.246 |                                    |                           |                                   | 5000                              |
| K5A-035095  | 150                            | 0.128 to 0.148       | 0.365 to 0.385 |                                    |                           |                                   | 2500                              |
| K5A-035115  | 180                            | 0.128 to 0.148       | 0.435 to 0.465 |                                    |                           |                                   | 1000                              |
| K5A-035052  | 82                             | 0.128 to 0.148       | 0.196 to 0.216 |                                    |                           |                                   | 5000                              |

### SPECIFICATIONS FOR DUAL RADIAL LEADED SHIELD BEADS

| Part Number | Minimum<br>Impedance<br>( $\Omega$ )<br>@ 100 MHz | DIMENSIONS IN INCHES with TOLERANCE $\pm 0.02$ |       |      |      |      |      | Lead<br>diameter<br>in inches | Test<br>equipment<br>used |
|-------------|---------------------------------------------------|------------------------------------------------|-------|------|------|------|------|-------------------------------|---------------------------|
|             |                                                   | A                                              | B     | C    | G    | H    | K    |                               |                           |
| R5A-035045  | 60                                                | 0.137                                          | 0.178 | 0.95 | 0.73 | 0.32 | 0.22 | 0.028                         | HP-4291A                  |
| R5A-035060  | 100                                               | 0.137                                          | 0.236 | 0.98 | 0.73 | 0.32 | 0.22 | 0.028                         |                           |
| R5A-035075  | 120                                               | 0.137                                          | 0.300 | 1.06 | 0.73 | 0.32 | 0.22 | 0.028                         |                           |
| R5A-035080  | 140                                               | 0.137                                          | 0.315 | 1.08 | 0.73 | 0.32 | 0.22 | 0.028                         |                           |

**PACKAGING** Bulk 1000 pieces per plastic bag  
Reel 2500 pieces per reel

**NOTE:** Other single or dual, axial or radial leaded beads with various sizes and impedance values are available.

Dimensions of

|     |                            |
|-----|----------------------------|
| D = | 0.72" (for reference only) |
| E = | 0.50" -id-                 |
| F = | 0.157" -id-                |
| L = | 0.27" -id-                 |

