

Axial Lead Beads - Power Filtering

Steward's two-terminal axial lead ferrite beads provide economical filtering for differential mode EMI suppression applications. Constructed using a continuous 22 gauge conductor, these devices are able to withstand high peak currents that can destroy other surface mount devices.

STEWARD PART NUMBERING SYSTEM

| | | | | | | |
|---------------|--------------|----------------|-------------------------|------------------------|----------------|---|
| 28 | J | 0138 | - | 1 | 1 | R |
| MATERIAL TYPE | PRODUCT CODE | PART SIZE CODE | SELECTED DIMENSION CODE | ADDITIONAL DESCRIPTION | PACKAGING CODE | |

Ambient Operating Temperature Range: -55°C to +125°C

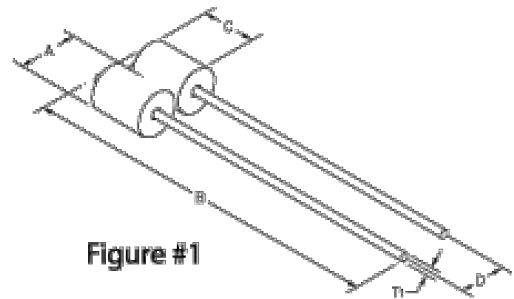


Figure #1

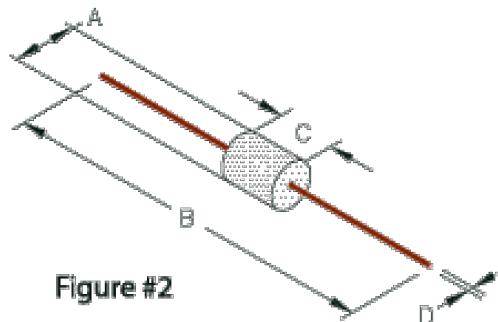


Figure #2

View Chart Data In:

 Millimeters Only

 Inches Only

 Both (Millimeters and Inches)

SORT: Click on the [A](#) ↓ (ascending) or [Z](#) ↓ (descending) in any chart heading to sort entire chart by data in that selected column.

IMPEDANCE CURVES: Click on the Part Number links below to view impedance curves.

COMPARE: For side-by-side comparison of data for a limited selection of parts, click on boxes under the "Compare" heading. Then click the "Compare Selected Parts" button at the bottom of this chart.

| Part Number | Compare Selected Parts | Figure Number | NET Z @ 10 MHz nom | NET Z @ 25 MHz nom | NET Z @ 100 MHz nom | DCR Max | Rated Current mA | A mm | B mm | C mm | D mm | T1 mm |
|-----------------------------|--------------------------|---------------|--------------------|--------------------|---------------------|---------|------------------|------|-------|-------|------|-------|
| 28J0138-11R | <input type="checkbox"/> | 1 | - | - | 143 | 0.01 | 5000 | 3.51 | 25.4 | 4.45 | 3.81 | 0.64 |
| 28L0138-10R | <input type="checkbox"/> | 2 | - | 45 | 75 | 0.01 | 5000 | 3.51 | 59.00 | 4.45 | 0.64 | - |
| 28L0138-20R | <input type="checkbox"/> | 2 | - | 55 | 97 | 0.01 | 5000 | 3.51 | 59.00 | 5.99 | 0.64 | - |
| 28L0138-40R | <input type="checkbox"/> | 2 | - | 99 | 135 | 0.01 | 5000 | 3.51 | 59.00 | 8.89 | 0.64 | - |
| 28L0138-50R | <input type="checkbox"/> | 2 | - | 92 | 153 | 0.01 | 5000 | 3.51 | 59.00 | 9.53 | 0.64 | - |
| 28L0138-60R | <input type="checkbox"/> | 2 | - | - | 180 | 0.01 | 5000 | 3.51 | 58.93 | 11.43 | 0.64 | - |
| 28L0138-70R | <input type="checkbox"/> | 2 | - | 123 | 220 | 0.01 | 5000 | 3.51 | 59.00 | 13.97 | 0.64 | - |
| 28L0138-80R | <input type="checkbox"/> | 2 | - | 48 | 86 | 0.01 | 5000 | 3.51 | 59.00 | 5.23 | 0.64 | - |
| 28L0138-90R | <input type="checkbox"/> | 2 | - | - | 110 | 0.01 | 10000 | 3.51 | 59.0 | 6.68 | 0.64 | - |
| 28L0138-A0R | <input type="checkbox"/> | 2 | - | 71 | 127 | 0.01 | 5000 | 3.51 | 59.00 | 7.62 | 0.64 | - |

 Compare Selected Parts

Custom Parts are also available

[Request PDF's of part prints](#)

Equivalent Circuit

Specifications, which provide more details for the correct use of the described products, are available upon request. All specifications are subject to change without notice. For more technical information on any of the products listed above, please contact the Steward USA customer service department at 1 (800) 634-2673 or contact one of the Steward facilities below.

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