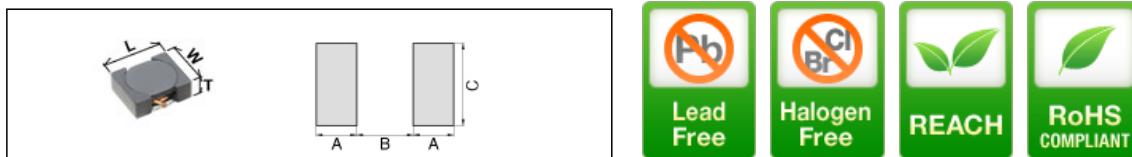


VLF403215MT-3R3M-CA

| | | |
|--------------|--|---|
| Applications |  | Automotive Grade |
| Feature | Wire Wound Shield Ferrite Core AEC-Q200 | Wire Wound Magnetic Shield Ferrite Core AEC-Q200 |
| Series | VLF-M Series / VLF403215MT-CA Type | |
| Status | PROD | |



| Size | |
|------------------------------|------------------|
| Length(L) | 4.00mm +/-0.20mm |
| Width(W) | 3.20mm +/-0.20mm |
| Thickness(T) | 1.50mm Max. |
| Recommended Land Pattern (A) | 1.10mm Nom. |
| Recommended Land Pattern (B) | 1.30mm Nom. |
| Recommended Land Pattern (C) | 1.80mm Nom. |

| Electrical Characteristics | |
|---|----------------------|
| Inductance | 3.3uH +/-20% at 1MHz |
| Rated Current (L Change) [Typ.] | 1.83A (30% Down) |
| Rated Current (L Change) [Max.] | 1.65A (30% Down) |
| Rated Current (Temperature Rise) [Typ.] | 2.65A (40degC Rise) |
| DC Resistance [Nom.] | 51mΩ |
| DC Resistance [Max.] | 62mΩ |

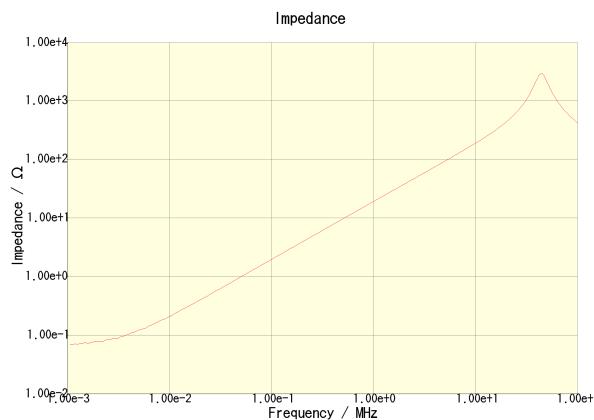
| Other | |
|---|--------------------------------------|
| Operating Temp. Range (Including Self-Temp. Rise) | -40 to 105degC |
| Soldering Method | Reflow |
| AEC Q200 | Yes |
| Packing | Blister (Plastic)Taping [180mm Reel] |
| Package Quantity | 1000Pcs Min. |
| Weight | 0.072g |

•This PDF document was created based on the data listed on the TDK Corporation website.

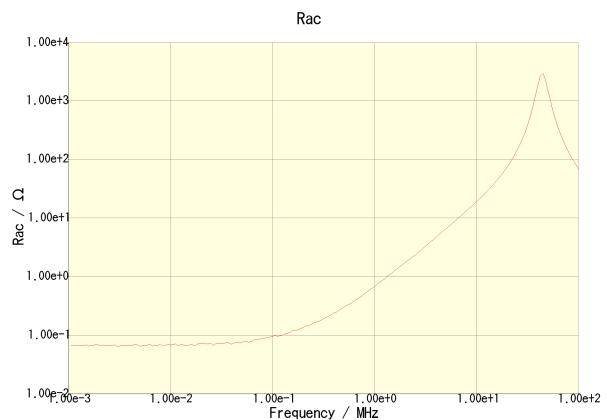
•All specifications are subject to change without notice.

VLF403215MT-3R3M-CA

Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



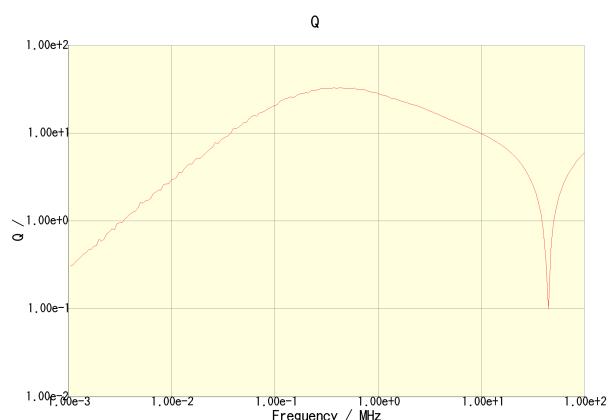
VLF403215MT-3R3M-CA



VLF403215MT-3R3M-CA



VLF403215MT-3R3M-CA



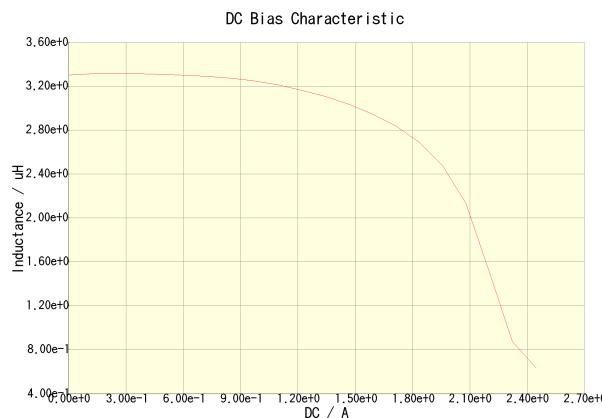
VLF403215MT-3R3M-CA

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VLF403215MT-3R3M-CA

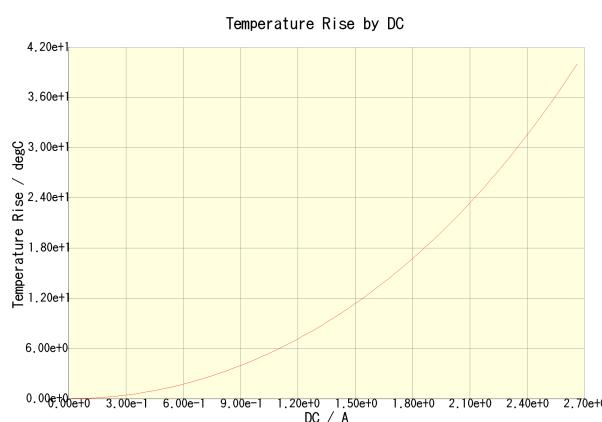
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



VLF403215MT-3R3M-CA(Amb. Temp. = 20degc)



VLF403215MT-3R3M-CA(DC = 0A) VLF403215MT-3R3M-CA(DC = 0.825A)



VLF403215MT-3R3M-CA(Amb. Temp. = 20degc)