

VLCF4028T-470MR48-2



| | |
|----------------------|---|
| Applications | Commercial Grade |
| Feature | Magnetic Shield Wire Wound Ferrite Core |
| Series Type | VLCF |
| Status | Production |
| Brand | TDK |



| Size | |
|------------------------------|----------------|
| Length(L) | 4.00mm ±0.10mm |
| Width(W) | 4.00mm ±0.10mm |
| Thickness Height | 2.80mm Max. |
| Recommended Land Pattern (A) | 1.60mm Nom. |
| Recommended Land Pattern (B) | 1.30mm Nom. |
| Recommended Land Pattern (C) | 2.50mm Nom. |
| Recommended Land Pattern (D) | 3.90mm Nom. |

| Electrical Characteristics | |
|---|---------------------|
| Inductance | 47µH ±20% at 100kHz |
| Rated Current (L Change) [Typ.] | |
| Rated Current (L Change) [Max.] | 480mA (30% Down) |
| Rated Current (Temperature Rise) [Typ.] | 680mA (40°C Rise) |
| Rated Current (Temperature Rise) [Max.] | |
| DC Resistance [Typ.] | 420mΩ |
| DC Resistance [Max.] | 490mΩ |
| Self Resonant Frequency [Min.] | |
| Self Resonant Frequency [Typ.] | |
| Q [Min.] | |
| Q [Typ.] | |

| Other | |
|---|--------------------------------------|
| Operating Temp. Range (Including Self-Temp. Rise) | -40 to 105°C |
| Soldering Method | Reflow |
| AEC-Q200 | No |
| Packing | Blister (Plastic)Taping [180mm Reel] |
| Package Quantity | 500pcs |
| Weight | 0.159g |

† Images are for reference only and show exemplary products.

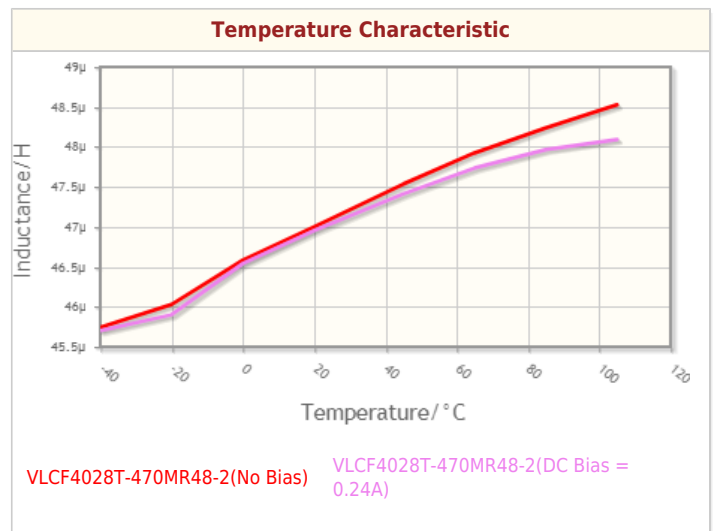
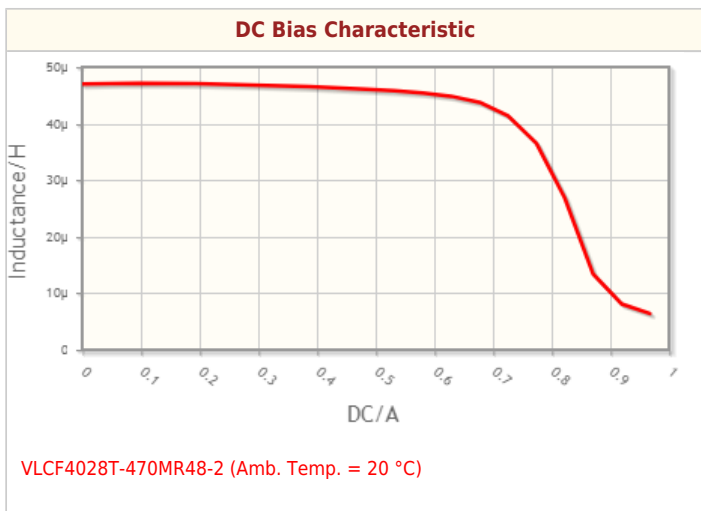
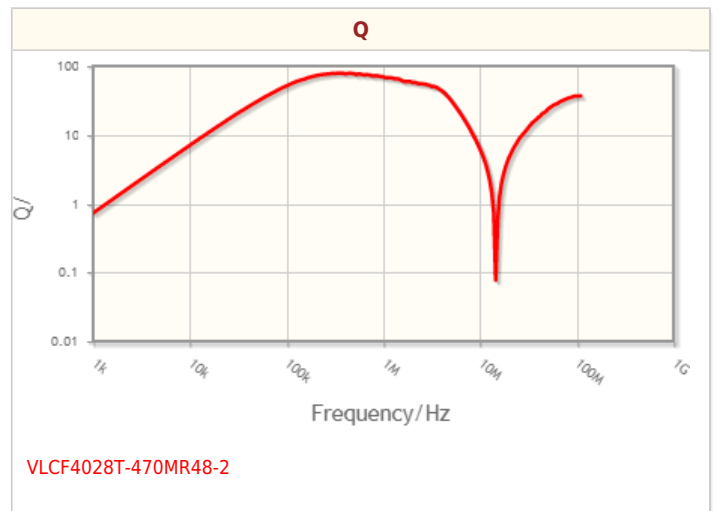
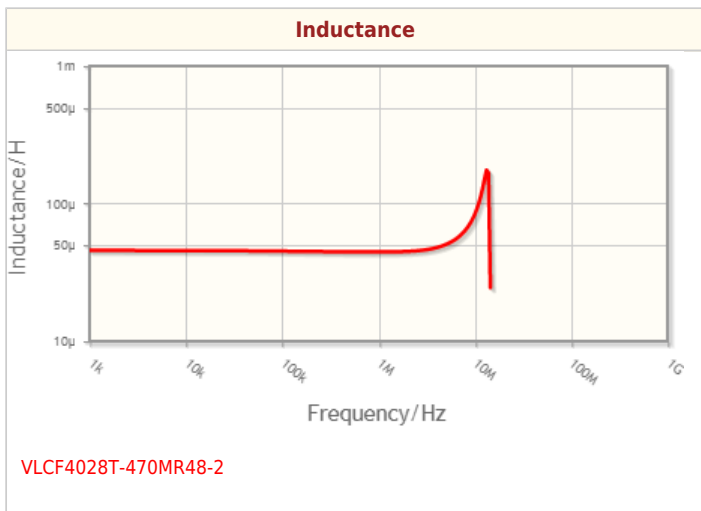
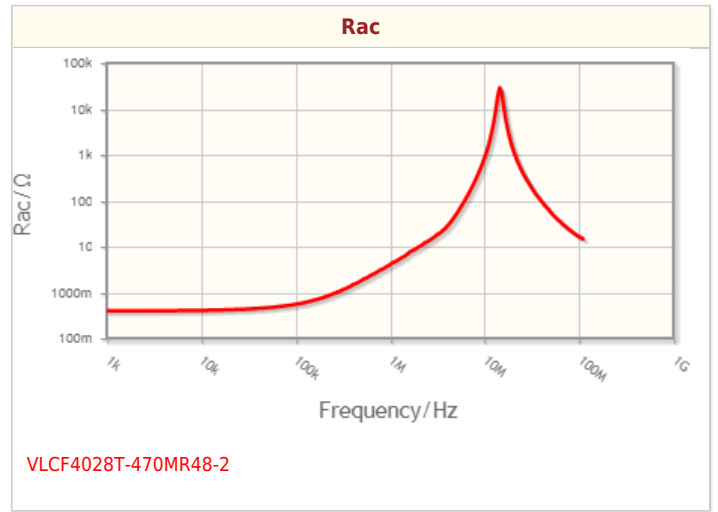
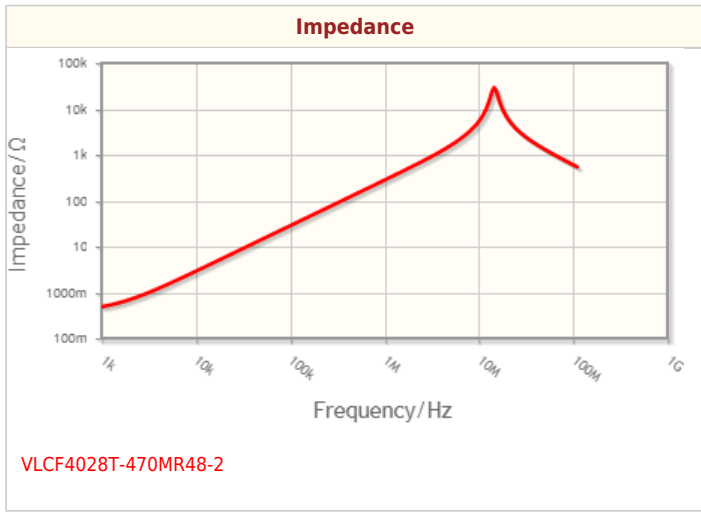
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

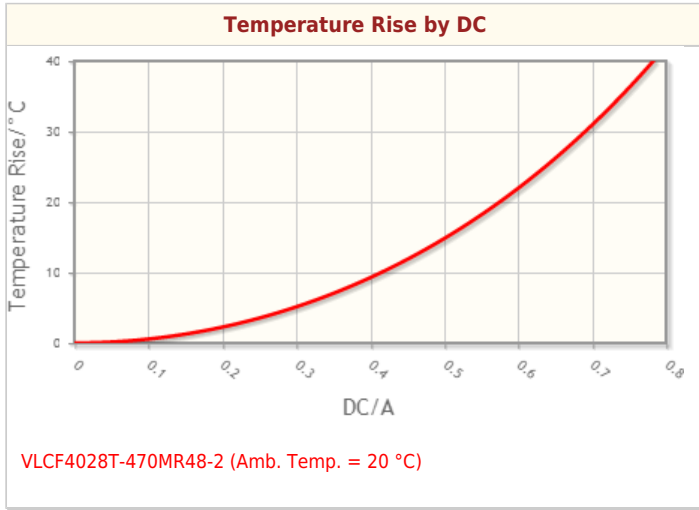


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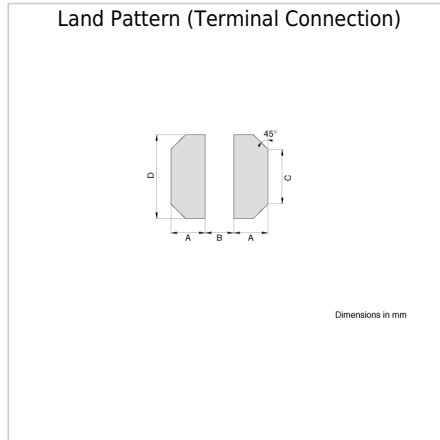
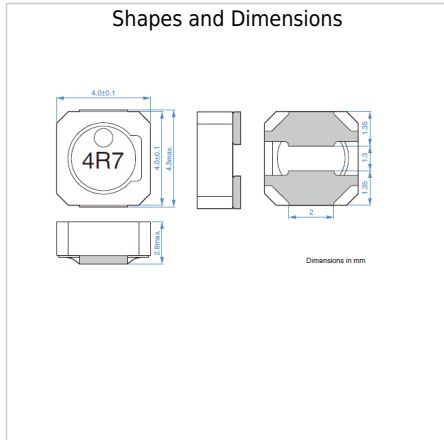


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Associated Images



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