






VLS2012ET-150M



| | |
|---------------|---|
| Applications |  Commercial Grade |
| Feature |  Wire Wound |
| |  Magnetic Shield |
| |  Ferrite Core |
| Series Type | VLS-E |
| Status |  Production (Not Recommended for New Design) |
| | Recommended Alternate Part No. : VLS201610CX-150M-1 (Interchangeability is not guaranteed.) |
| Brand | TDK |



| Size | |
|------------------------------|----------------|
| Length(L) | 2.00mm ±0.10mm |
| Width(W) | 2.00mm ±0.10mm |
| Thickness Height | 1.20mm Max. |
| Recommended Land Pattern (A) | 0.65mm Nom. |
| Recommended Land Pattern (B) | 0.70mm Nom. |
| Recommended Land Pattern (C) | 2.00mm Nom. |

| Electrical Characteristics | |
|---|-------------------|
| Inductance | 15μH ±20% at 1MHz |
| Rated Current (L Change) [Typ.] | 440mA (30% Down) |
| Rated Current (L Change) [Max.] | 400mA (30% Down) |
| Rated Current (Temperature Rise) [Typ.] | 470mA (40°C Rise) |
| Rated Current (Temperature Rise) [Max.] | |
| DC Resistance [Typ.] | 885mΩ |
| DC Resistance [Max.] | 1.062Ω |
| Rated Voltage [Max.] | |
| Self Resonant Frequency [Min.] | |
| Self Resonant Frequency [Typ.] | |
| Q [Min.] | |
| Q [Typ.] | |

| Other | |
|-----------------------|--|
| Operating Temp. Range | -40 to 105°C (Including Self-Temp. Rise) |
| Soldering Method | Reflow |
| AEC-Q200 | NO |
| Packing | Embossed (Plastic)Taping [180mm Reel] |

! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

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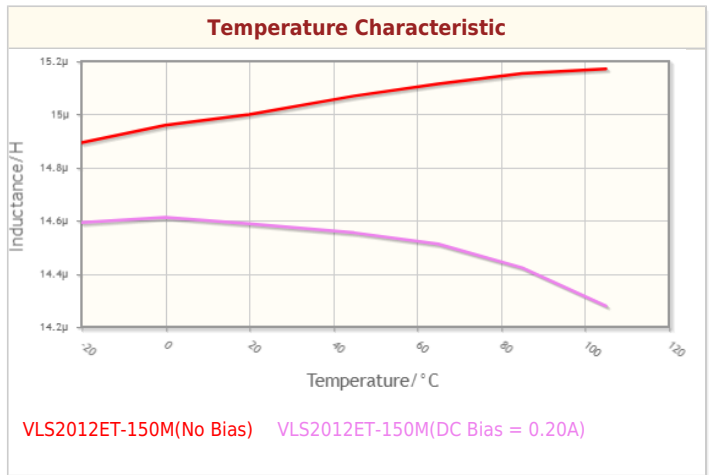
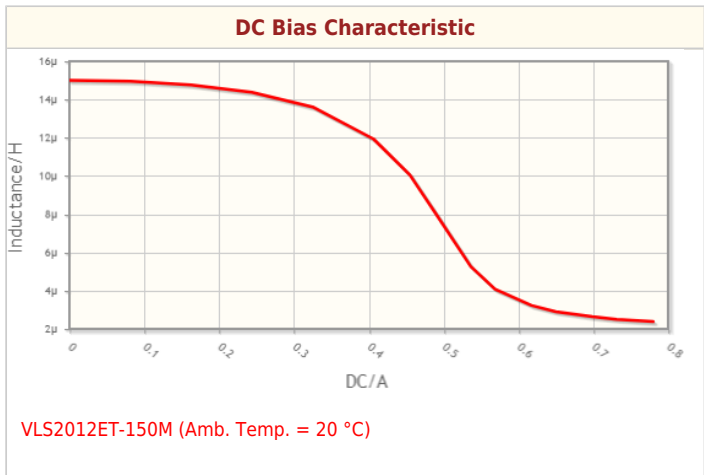
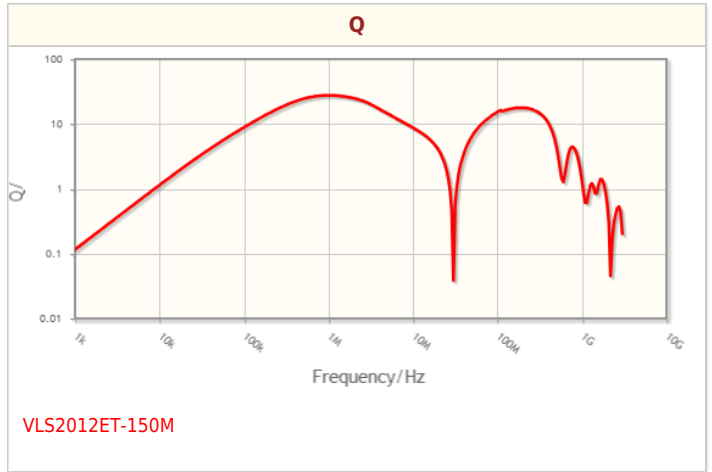
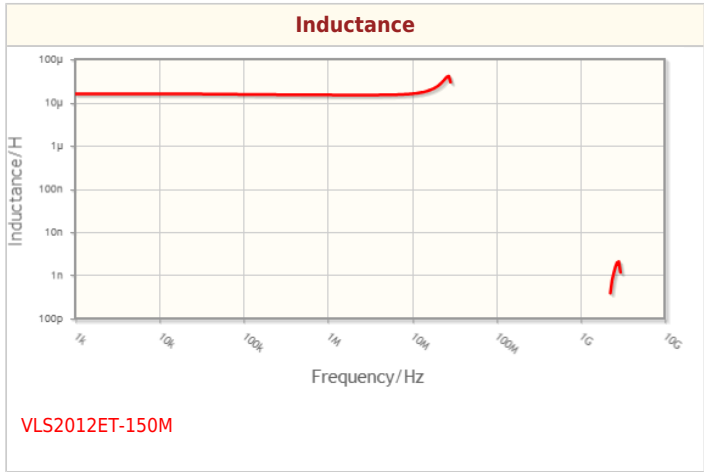
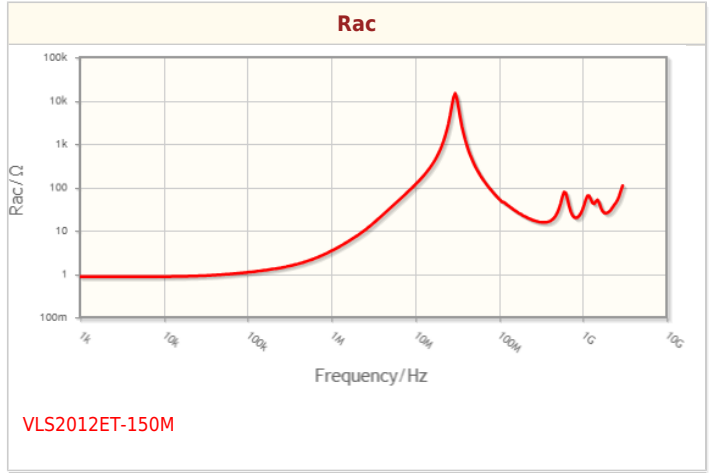
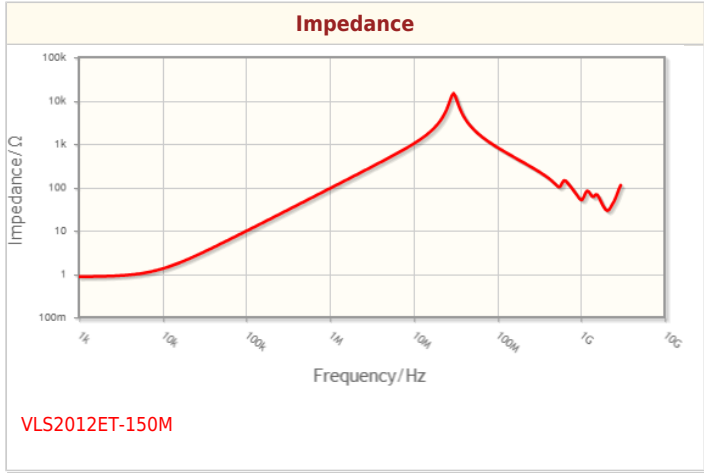


| | |
|------------------|---------|
| Package Quantity | 2000pcs |
| Weight | 0.017g |

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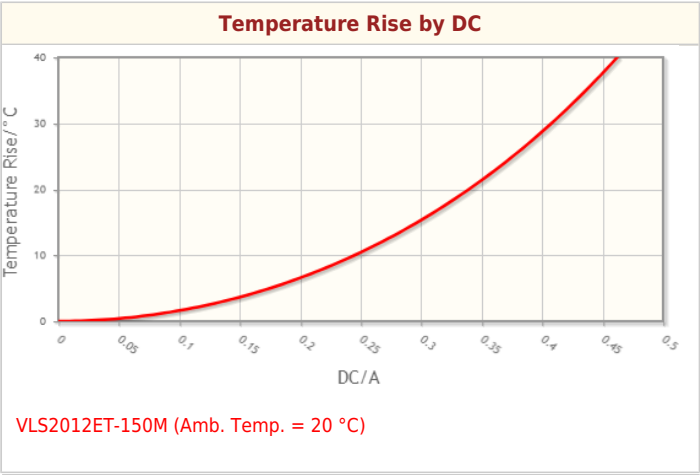
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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Associated Images

