

SLF12575T-330M3R2-H



| | |
|----------------------|------------------|
| Applications | Automotive Grade |
| Feature | Magnetic Shield |
| | Wire Wound |
| | Ferrite Core |
| | AEC-Q200 |
| Series Type | SLF-H |
| Status | Production |
| Brand | TDK |



| Size | |
|------------------------------|-----------------|
| Length(L) | 12.50mm ±0.30mm |
| Width(W) | 12.50mm ±0.30mm |
| Thickness Height | 7.50mm ±0.35mm |
| Recommended Land Pattern (A) | 2.60mm Nom. |
| Recommended Land Pattern (B) | 8.50mm Nom. |
| Recommended Land Pattern (C) | 3.20mm Nom. |

| Electrical Characteristics | |
|---|-------------------|
| Inductance | 33μH ±20% at 1kHz |
| Rated Current (L Change) [Typ.] | |
| Rated Current (L Change) [Max.] | 3.2A (10% Down) |
| Rated Current (Temperature Rise) [Typ.] | 3.4A (40°C Rise) |
| Rated Current (Temperature Rise) [Max.] | |
| DC Resistance [Typ.] | 39.5mΩ |
| DC Resistance [Max.] | 47.4mΩ |
| Self Resonant Frequency [Min.] | |
| Self Resonant Frequency [Typ.] | |
| Q [Min.] | |
| Q [Typ.] | |

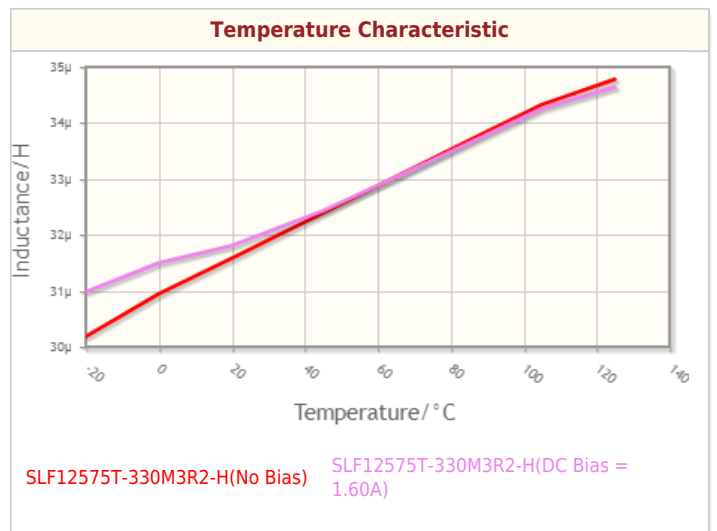
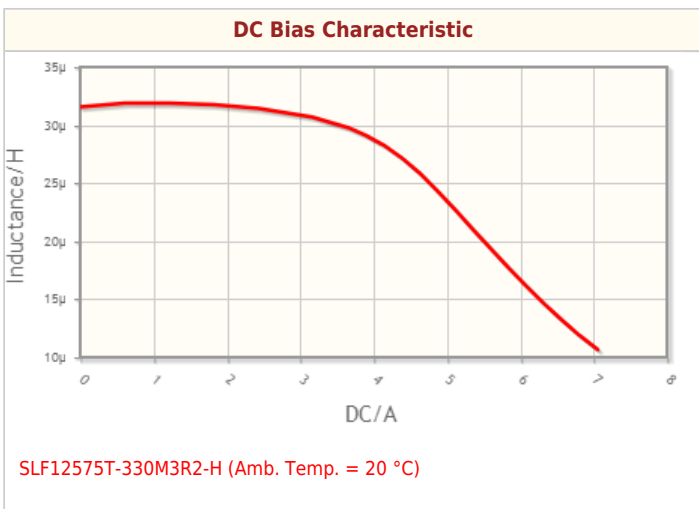
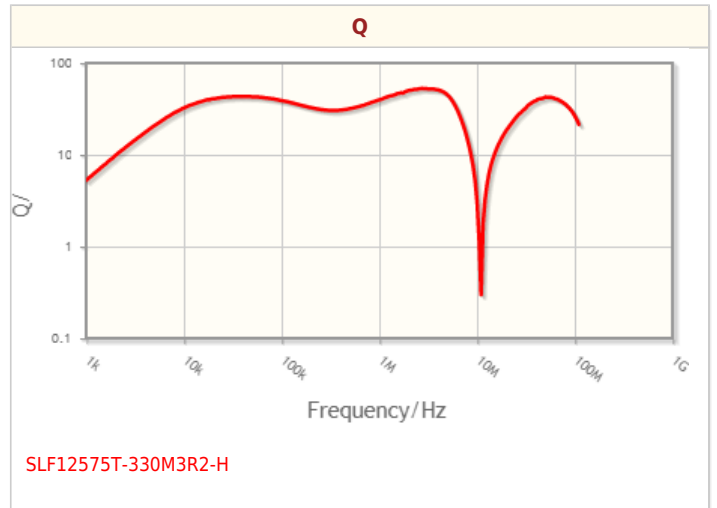
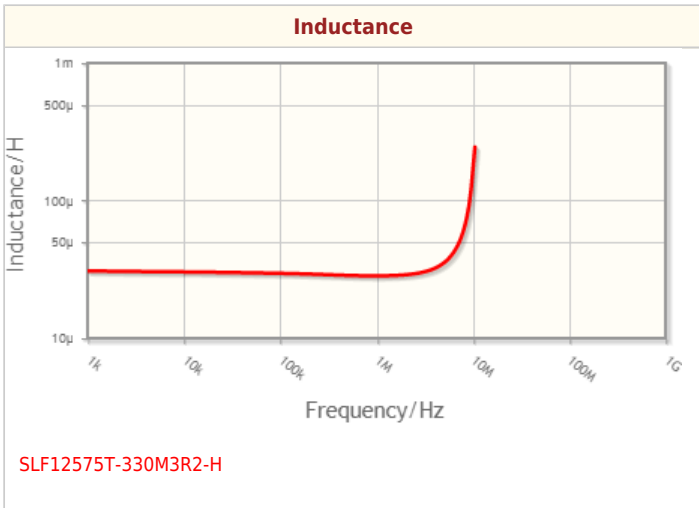
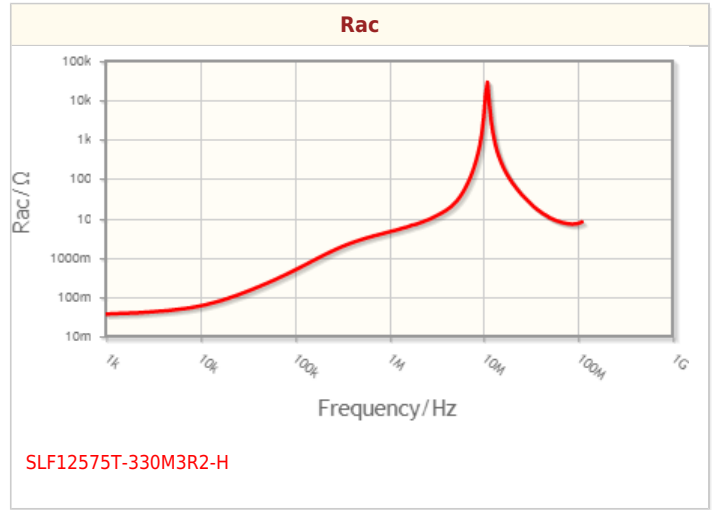
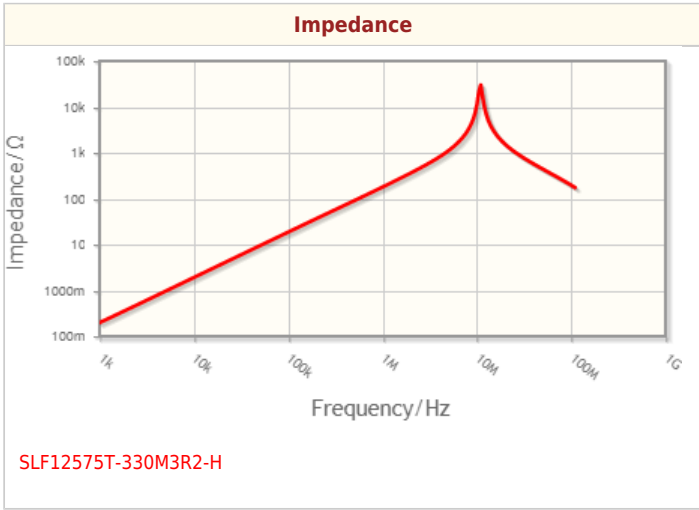
| Other | |
|---|--------------------------------------|
| Operating Temp. Range (Including Self-Temp. Rise) | -40 to 125°C |
| Soldering Method | Reflow |
| | Iron Soldering |
| AEC-Q200 | Yes |
| Packing | Blister (Plastic)Taping [330mm Reel] |
| Package Quantity | 500pcs |
| Weight | 3.4g |

! Images are for reference only and show exemplary products.
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! All specifications are subject to change without notice.

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

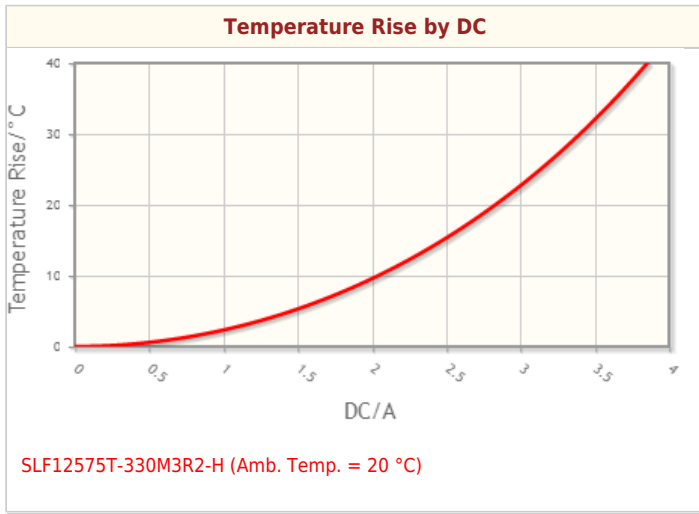


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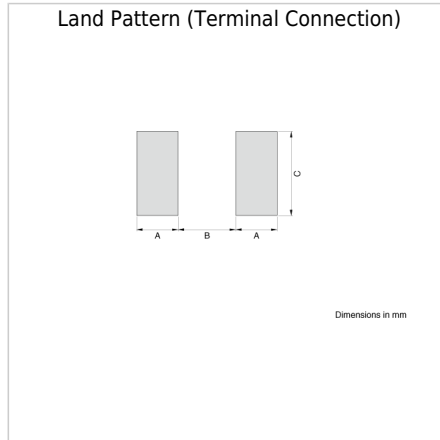
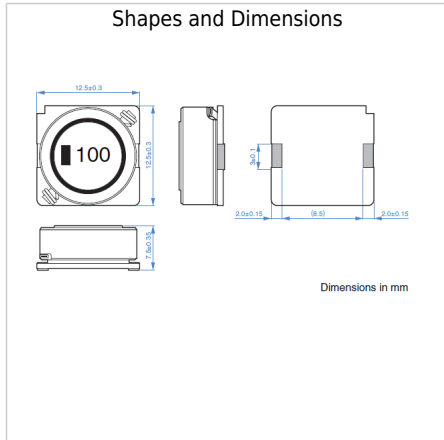


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Associated Images



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