

RLF7030T-2R2M5R4



Applications



Commercial Grade

Feature



Magnetic Shield



Wire Wound



Ferrite Core

Series | Type

RLF

Status



Production

Brand

TDK



Size

| | |
|------------------------------|----------------|
| Length(L) | 7.30mm Max. |
| Width(W) | 6.80mm ±0.10mm |
| Thickness Height | 3.20mm Max. |
| Recommended Land Pattern (A) | 2.00mm Nom. |
| Recommended Land Pattern (B) | 3.90mm Nom. |
| Recommended Land Pattern (C) | 2.20mm Nom. |

Electrical Characteristics

| | |
|---|----------------------|
| Inductance | 2.2μH ±20% at 100kHz |
| Rated Current (L Change) [Typ.] | |
| Rated Current (L Change) [Max.] | 5.5A (30% Down) |
| Rated Current (Temperature Rise) [Typ.] | 5.4A (40°C Rise) |
| Rated Current (Temperature Rise) [Max.] | |
| DC Resistance [Typ.] | 10mΩ |
| DC Resistance [Max.] | 12mΩ |
| 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 | No |
| Packing | Blister (Plastic)Taping [330mm Reel] |
| Package Quantity | 1000pcs |
| Weight | 0.65g |

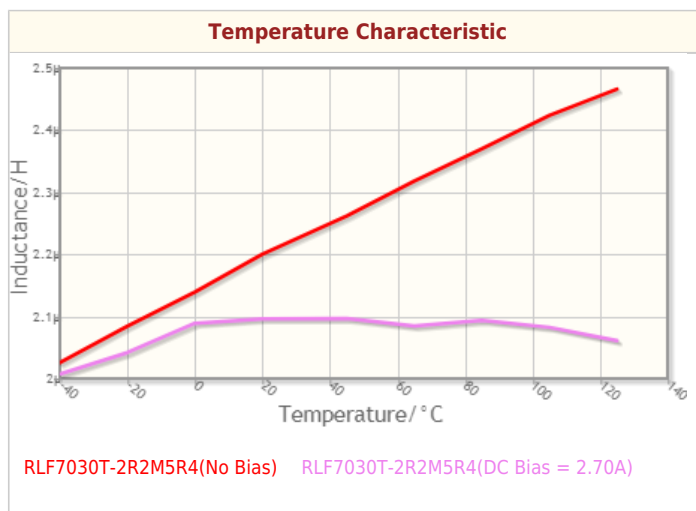
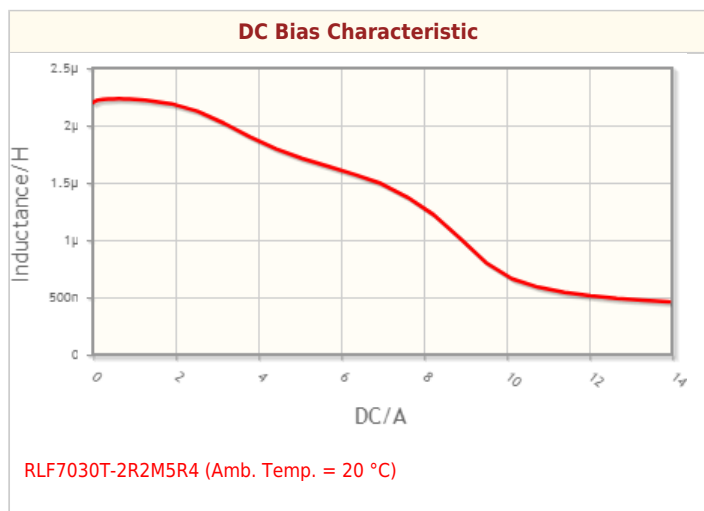
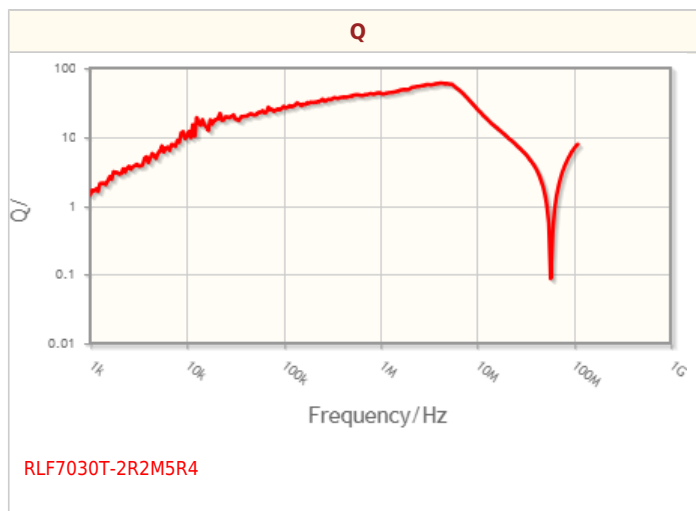
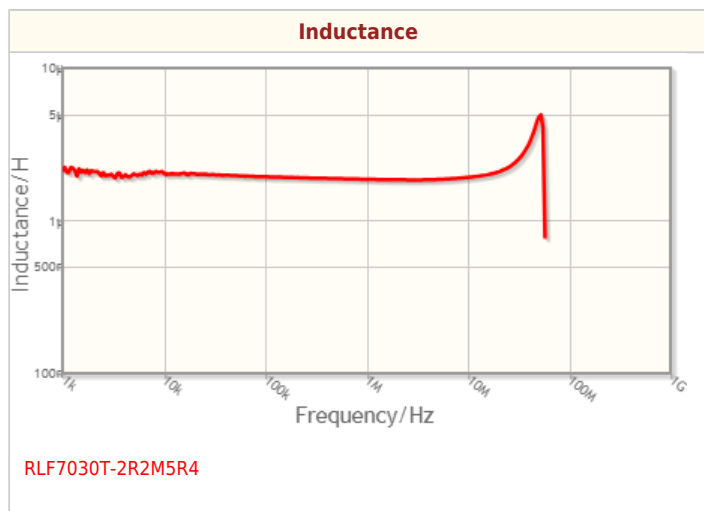
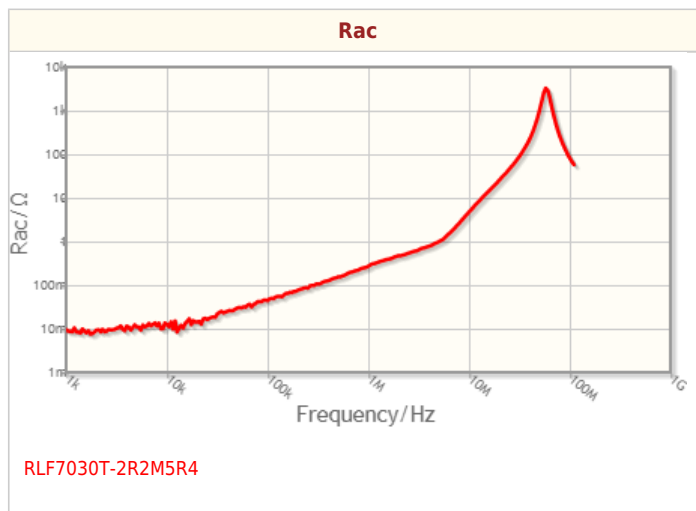
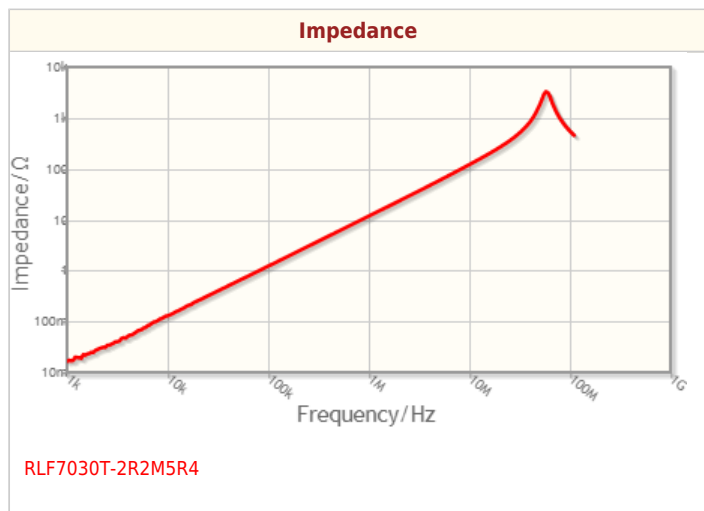
! Images are for reference only and show exemplary products.

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

! All specifications are subject to change without notice.



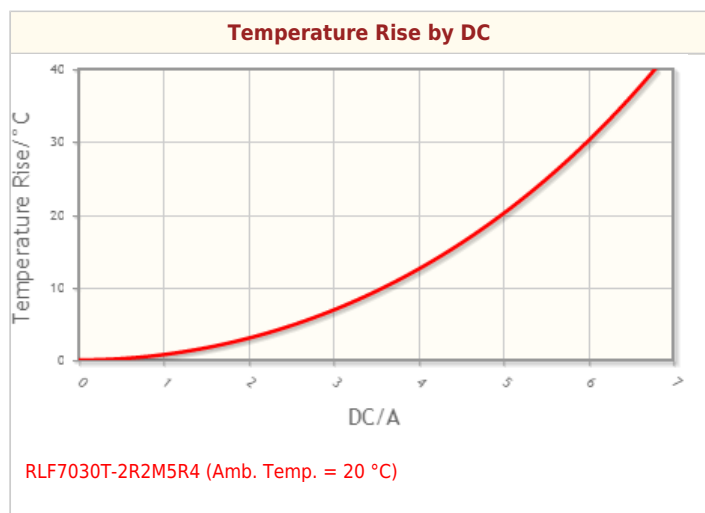
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



RLF7030T-2R2M5R4



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



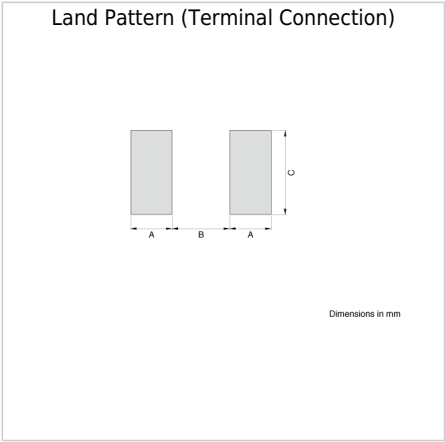
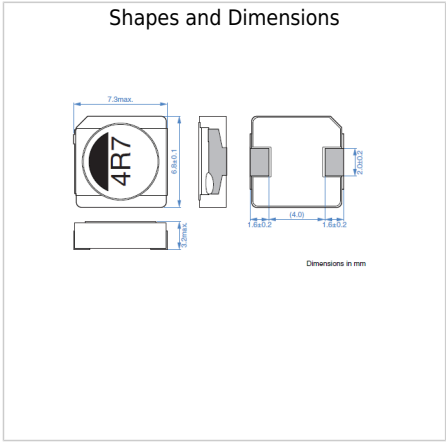
! Images are for reference only and show exemplary products.

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

! All specifications are subject to change without notice.



Associated Images



! 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.