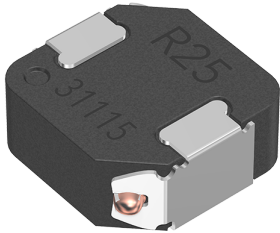


SPM6530T-2R2M



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



| Size                         |                |
|------------------------------|----------------|
| Length(L)                    | 7.10mm ±0.30mm |
| Width(W)                     | 6.50mm ±0.30mm |
| Thickness   Height           | 3.00mm Max.    |
| Recommended Land Pattern (A) | 1.85mm Nom.    |
| Recommended Land Pattern (B) | 3.70mm Nom.    |
| Recommended Land Pattern (C) | 3.40mm Nom.    |

| Electrical Characteristics              |                      |
|-----------------------------------------|----------------------|
| Inductance                              | 2.2μH ±20% at 100kHz |
| Rated Current (L Change) [Typ.]         | 8.4A (20% Down)      |
| Rated Current (L Change) [Max.]         |                      |
| Rated Current (Temperature Rise) [Typ.] | 8.2A (40°C Rise)     |
| Rated Current (Temperature Rise) [Max.] |                      |
| DC Resistance [Typ.]                    | 17.3mΩ               |
| DC Resistance [Max.]                    | 19.1mΩ               |
| Rated Voltage [Max.]                    |                      |
| Self Resonant Frequency [Min.]          |                      |
| Self Resonant Frequency [Typ.]          |                      |
| Q [Min.]                                |                      |
| Q [Typ.]                                |                      |

| Other                 |                                                        |
|-----------------------|--------------------------------------------------------|
| Operating Temp. Range | -40 to 125°C (Including Self-Temp. Rise)               |
| Soldering Method      | Reflow                                                 |
|                       | Iron Soldering                                         |
| AEC-Q200              | NO                                                     |
| Packing               | Embossed (Plastic)Taping [330mm Reel, Tape width 16mm] |
| Package Quantity      | 1000pcs                                                |

! 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.

SPM6530T-2R2M

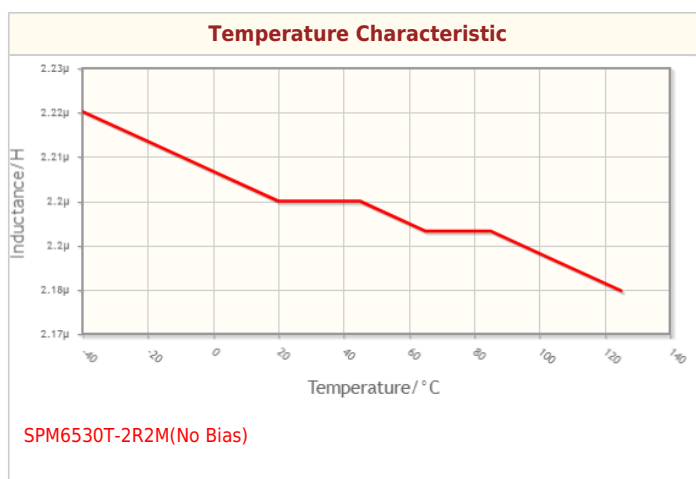
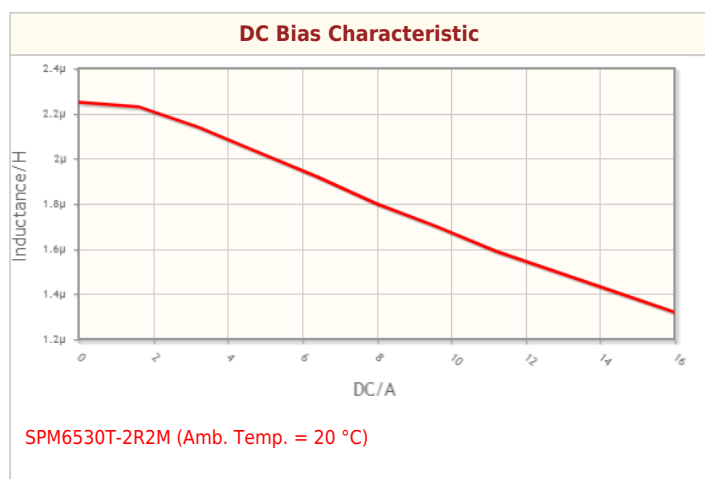
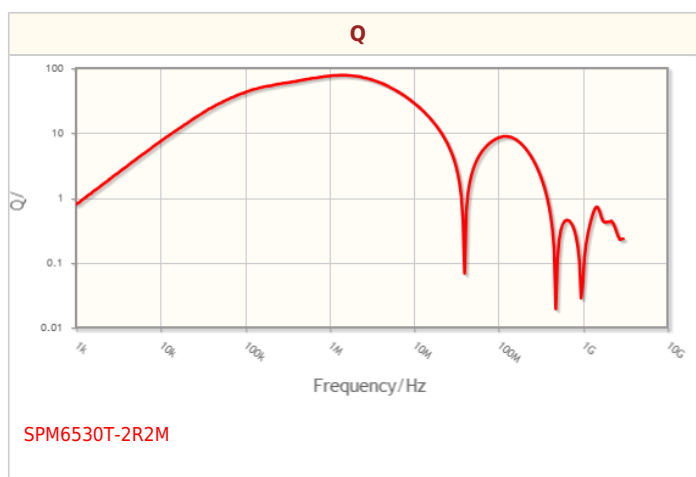
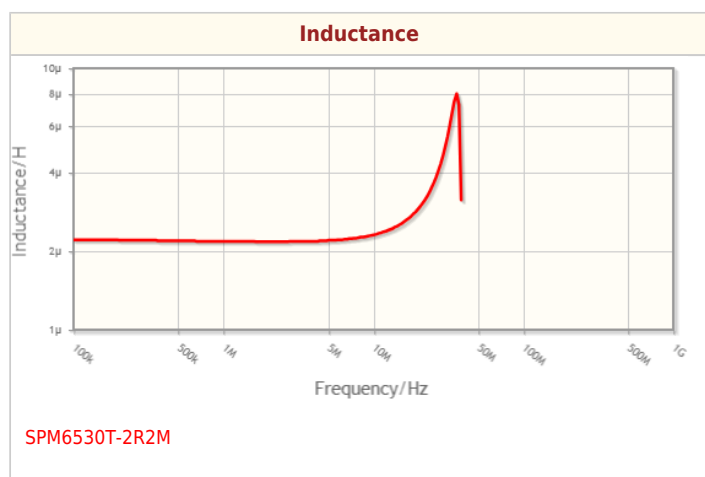
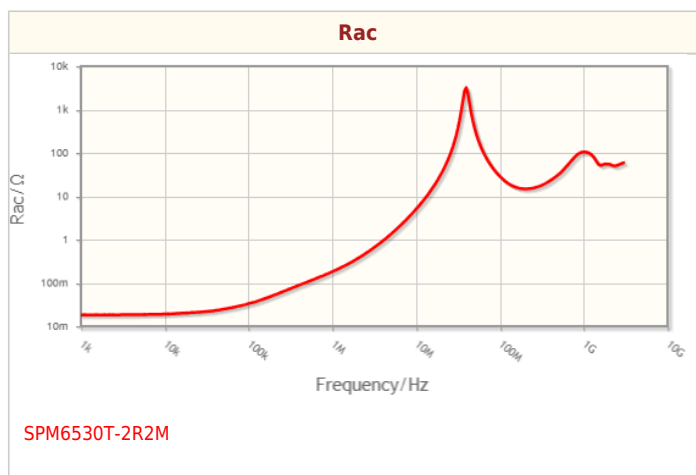
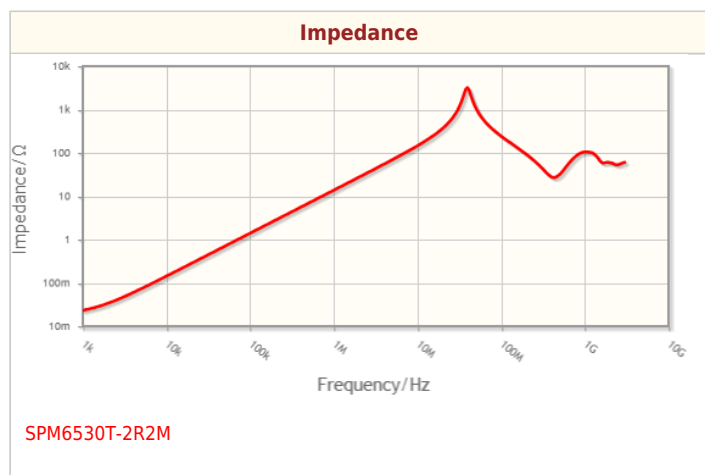


|        |        |
|--------|--------|
| Weight | 0.656g |
|--------|--------|

# SPM6530T-2R2M



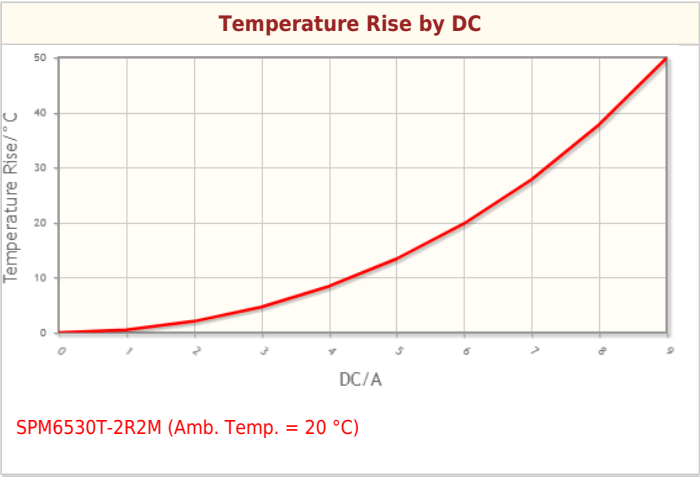
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



SPM6530T-2R2M



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



SPM6530T-2R2M



# Associated Images

