



# TLCMN18SG EMI Suppression Beads



### Features:

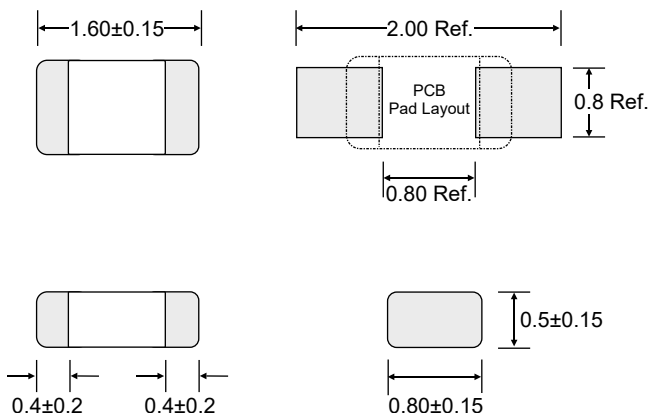
- EMI Suppression/Filtering Beads
- For Medium-GHz Band Applications
- Low DC Resistance
- Operating Temperature: -55°C to +125°C
- Storage Temperature: -55°C to +125°C



### Electrical Specifications @25°C

Part Number	Impedance (@100MHz/20°C)	DCR (Max.)	Rated Current
TLCMN18SG260	26Ω ±25%	0.007Ω	6A
TLCMN18SG700	70Ω ±25%	0.020Ω	4A
TLCMN18SG121	120Ω ±25%	0.025Ω	3A
TLCMN18SG221	220Ω ±25%	0.040Ω	2.5A
TLCMN18SG331	330Ω ±25%	0.070Ω	1.5A

### Dimensions



All Dimensions are in mm.

### Schematic



### Part Numbering



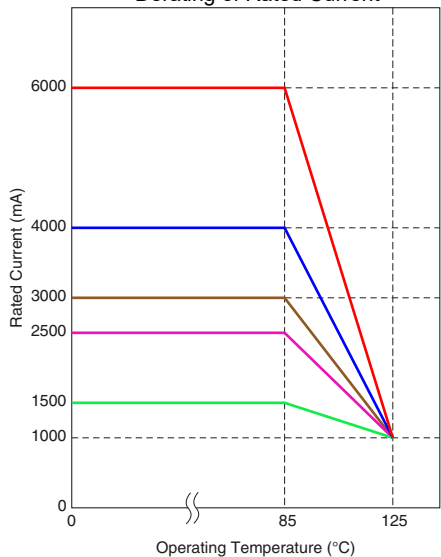
- Electrode: Sn Plating
- Resistance to solder heat: 260°C (Reflow)
- Ordering Information:
  - TLCMN18SGxxxD - 180mm Paper Tape(10k pcs)
  - TLCMN18SGxxxJ - 330mm Paper Tape (30k pcs)
  - TLCMN18SGxxxB - Bulk (Bag) (1000 pcs)



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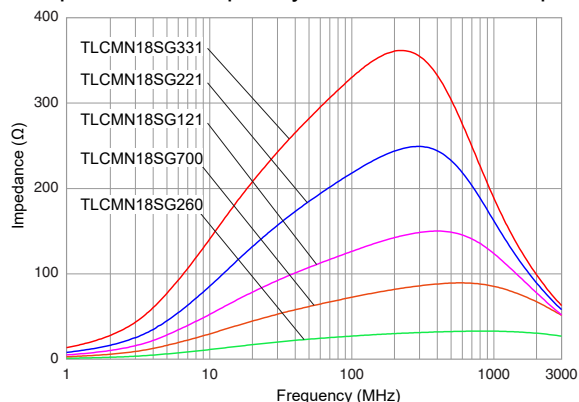


### Derating of Rated Current



Operating temperature exceeding +85°C, derating of current is necessary.

### Impedance -Frequency Characteristics Graph



### Impedance -Frequency Characteristics Graph (Z, R & X)

