



SMD Wire-Wound Inductors TLNTD127G Series



Features

- Wire-Wound High Current Shielded Power inductors
- Used in Power Supplies and other Power filtering applications
- Operating Temperature: -40°C to +125°C
- Storage Temperature: -40°C to +125°C
- Halogen-free & RoHs compliant

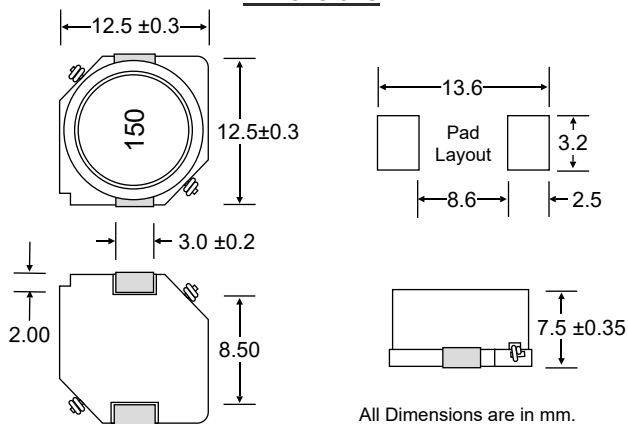
Electrical Characteristics @25°C

Part Number	Inductance ⁽¹⁾ (μ H)	Inductance Tolerance	DCR ($m\Omega \pm 20\%$)	Isat ⁽²⁾ (A)	Irated ⁽³⁾ (A)
TLNTD127G-1R2	1.2	N	6.9	13	8.2
TLNTD127G-2R7	2.7	N	9.4	10	7
TLNTD127G-3R9	3.9	N	10.4	9	6.7
TLNTD127G-5R6	5.6	N	11.6	7.8	6.3
TLNTD127G-6R8	6.8	N	13.1	7.2	5.9
TLNTD127G-100	10	M,N	15.6	5.5	5.4
TLNTD127G-150	15	M,N	18.4	4.7	5
TLNTD127G-220	22	M,N	26.3	4	4
TLNTD127G-330	33	M,N	39.5	3.2	3.4
TLNTD127G-470	47	M,N	52.8	2.7	3
TLNTD127G-680	68	M,N	77.8	2	2.4
TLNTD127G-101	100	M,N	125	1.9	1.9
TLNTD127G-151	150	M,N	175	1.5	1.6
TLNTD127G-221	220	M,N	258	1.3	1.3

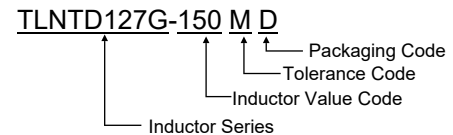
Notes:

- (1) Inductance measured at 100kHz, 0.5Vrms.
 (2) DC Current when inductance decreased by 10% from initial value.
 (3) Current caused maximum temperature rise of +40°C.

Dimensions



Part Numbering



- Resistance to solder heat: 260°C Max.
- Packaging Code:
D: Reel diameter=330mm Carrier Tape Width=24mm
Quantity: 500pcs/reel
- Tolerances:
M=±20% N=±30%