



SHIELDED POWER INDUCTOR TLQJND065U



Features:

- Shielded Power Inductor
- For High Power Conversion & Filtering Applications
- Low Profile Packaging
- Operating Temperature: -55°C to +125°C
- Storage Temperature: -55°C to +125°C



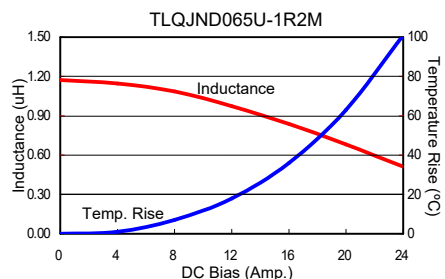
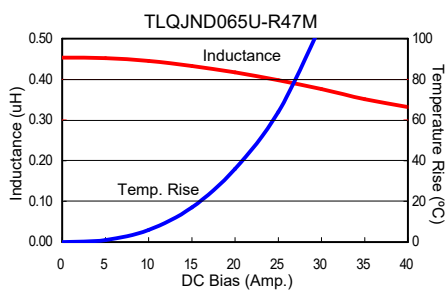
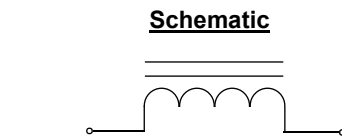
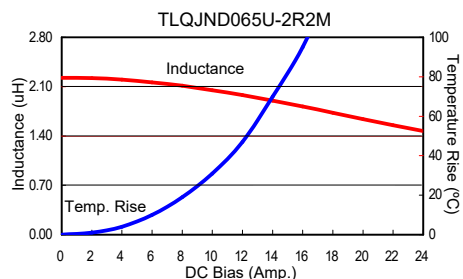
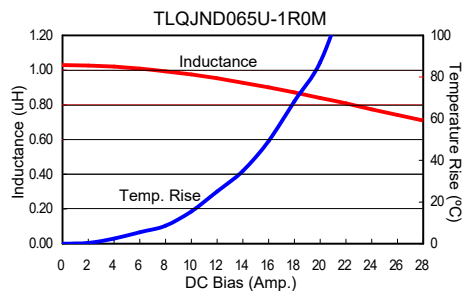
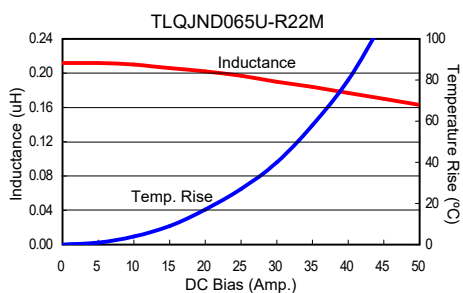
Electrical Specifications @25°C

Part Number	Inductance (uH ±20%) @100kHz, 1V	Rated Current ⁽¹⁾ (ADC Typ.)	Saturation Current ⁽²⁾ (ADC Typ.)	DCR (mΩ Typ.)	DCR (mΩ Max.)
TLQJND065U-R22M	0.22	30	50	1.2	1.4
TLQJND065U-R47M	0.47	20	30	3.5	3.9
TLQJND065U-1R0M	1	15	20	5.6	6.5
TLQJND065U-1R2M	1.2	12	13	6.7	7.5
TLQJND065U-2R2M	2.2	11	15	11	13.6

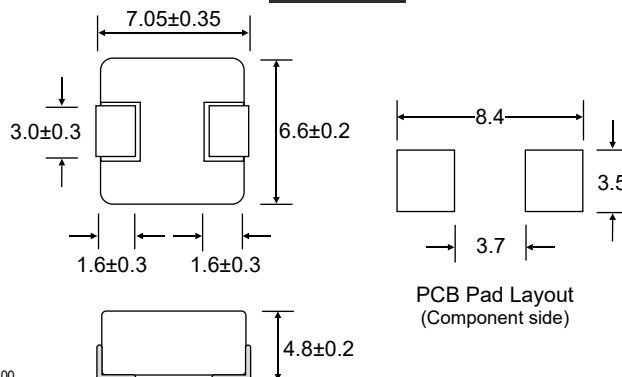
(1) Current will cause temperature rise of 40°C.

(2) Current that will cause 20% inductance drop from its initial value.

Inductance-Temp. Rise-DC Bias Characteristic

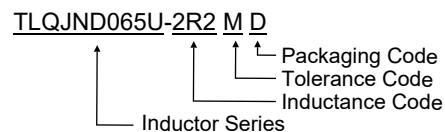


Dimensions



All Dimensions are in mm.

Part Numbering



- Resistance to Solder Heat: 260°C Peak (Reflow)
- Ordering Information:
TLQJND065U-xxxMD - 330mm reel (700pcs./reel)
TLQJND065U-xxxMB - Bulk