

PRODUCT SPECIFICATION

SPEC. NO.

T-0685-007B



1. Scope

This specification applies Wire Wound Power Inductors LDR0402-Series-TI-A to be delivered to user.

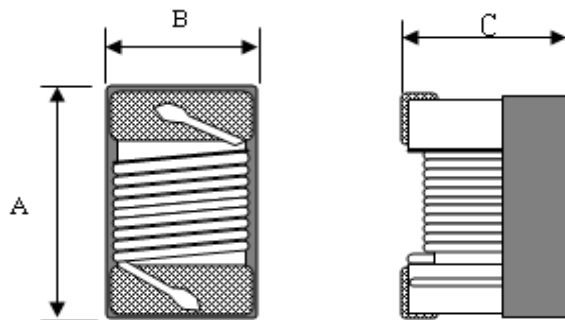
2. Product Identification

LDR 0402 - 2R2 □ - TI - A

(1) (2) (3) (4) (5)

- (1) Product name
- (2) Shapes and dimensions
- (3) Inductance
2R2 : 2.2 uH
- (4) Tolerance
M=±20%
- (5) Taping Type

3. Shapes and Dimensions

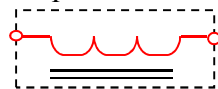


A max. : 1.35 mm

B max. : 0.95 mm

C max. : 0.80 mm

Equivalent circuit



No Polarity

Drawn by	Checked by	Approved by
Gindy Oct. 27, 2021	Zheng Oct. 27, 2021	Sun Oct. 27, 2021

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4. Electrical Characteristics

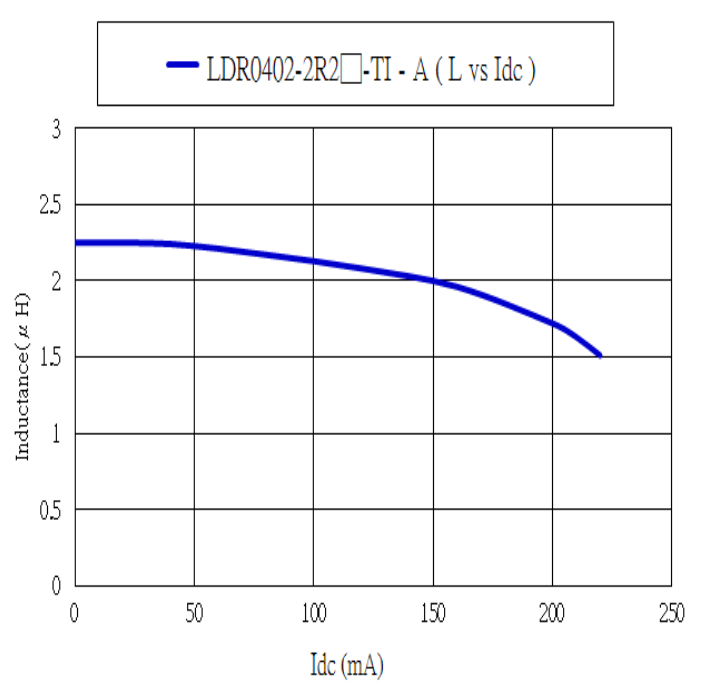
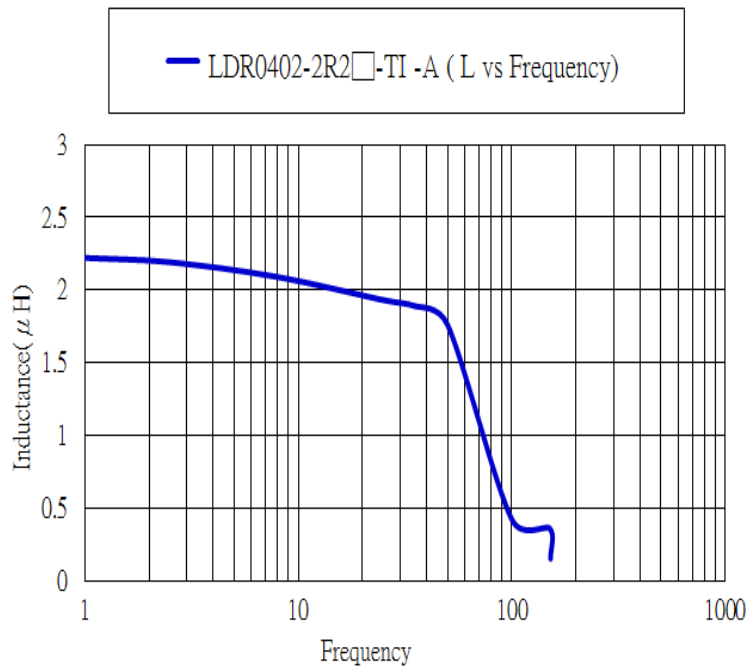
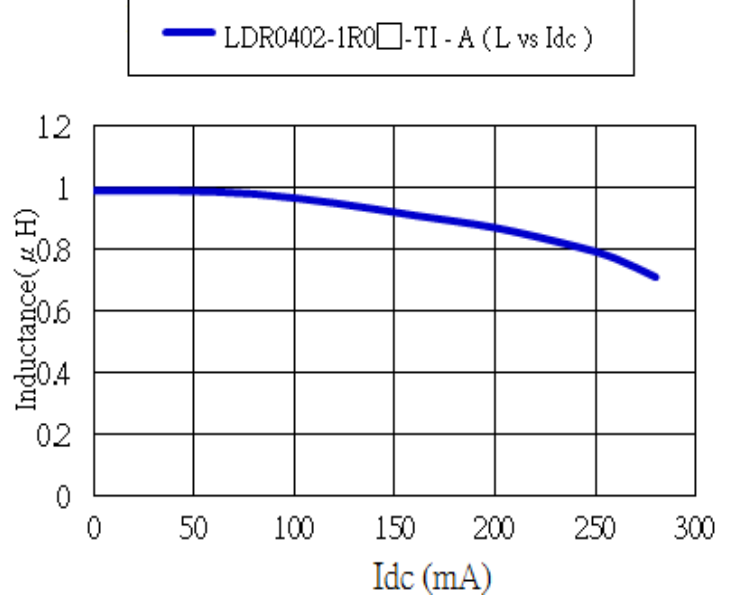
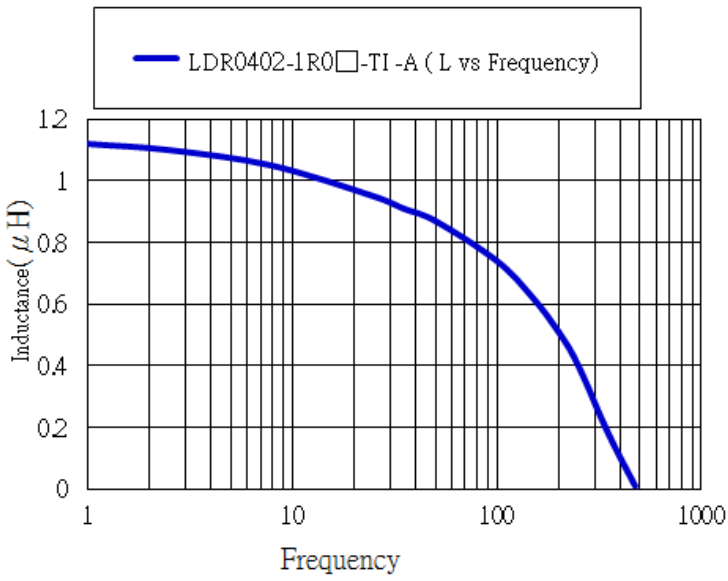
Customer Part Number	Our Product Part Number	Inductance/ Test Freq. (uH)/(MHz)	Tolerance (±%)	Q/ Test Freq. Typ./MHz	SRF (MHz)Min.	Rdc (Ω)Max.	Isat (mA)Max.	Irms (mA)Max.
	LDR0402-1R0□-TI-A	1.0/1.0	M	11/1.0	320	0.370	260	360
	LDR0402-2R2□-TI-A	2.2/1.0	M	11/1.0	110	0.610	200	300
	LDR0402-4R7□-TI-A	4.7/1.0	M	11/1.0	60	1.260	140	240

- When ordering, please specify tolerance and packaging codes. Ex: LDR0402-1R0M-TI-A
Tolerance : M =± 20%
Packaging : Clear tape and reel { standard }.
- L/Q Test OSC @200mV.
- Operating temperature range from -25°C to 85°C (Including self-temperature rise)
- Irms for a 40°C temprature rise from 25°C ambient
- Isat for Inductance drop 30% from its value without current.

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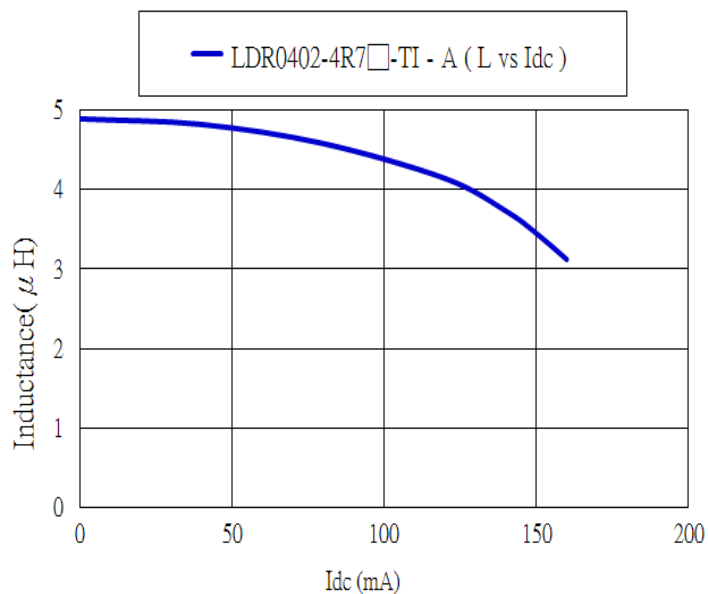
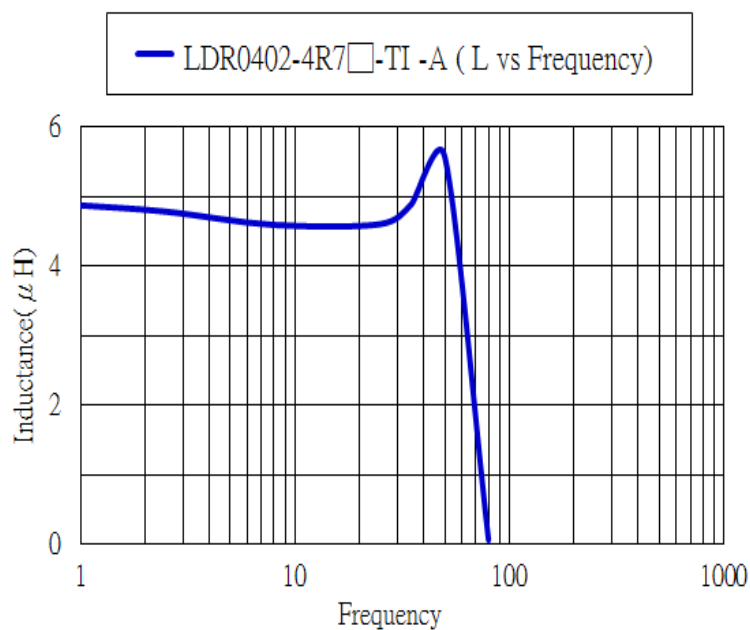
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5. Material list

Item	Material
Core	Ferrite
Wire	Copper wire
Glue	Magnetic epoxy resin
Base	Copper
Terminal	Cu / Ni / Sn