

## CTLVC4026F Series From 1.2µH to 22µH



### CHARACTERISTICS

**Description:** SMD power inductors sealed with magnetic resin.

**Applications:** Smart phones, DSC, Tablet PC's, DC/DC converters, etc.

**Operating Temperature:** -55°C to +125°C (including self - temperature rise)

**Inductance Tolerance:** ±20%, ±30%

**Testing:** Inductance is tested on an HP4285A at 100kHz, 1V

**Packaging:** Tape & Reel.

**Marking:** Parts are marked with inductance code.

**Miscellaneous:** **RoHS Compliant.**

**Additional Information:** Additional electrical & physical information available upon request.

**Samples available. See website for ordering information.**

### SPECIFICATIONS

Please specify inductance tolerance code when ordering.

CTLVC4026F-1R2\_ ← M = ±20%, N = ±30%

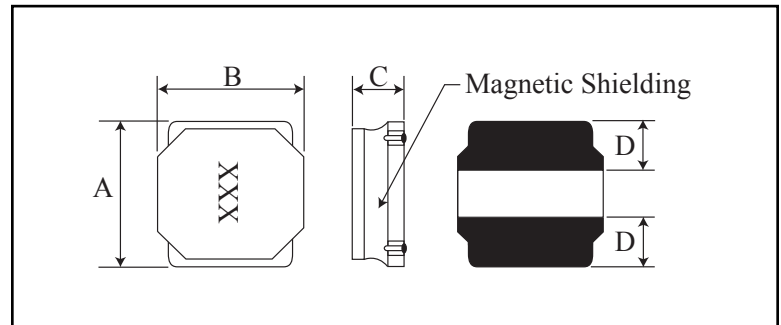
\*Isat: For inductance drop 30% from its value without current.

\*\*Irms: For a 40°C rise above 25°C ambient.

Part Number	Inductance (µH)	Test Freq. (kHz)	DCR ±30% (mΩ)	*Isat Typ.(Max.) (A)	**Irms Typ.(Max.) (A)	Marking
CTLVC4026F-1R2_	1.2	100kHz, 1V	30	3.50(3.15)	3.30(2.97)	1R2
CTLVC4026F-3R3_	3.3	100kHz, 1V	45	2.50(2.25)	2.50(2.25)	3R3
CTLVC4026F-4R7_	4.7	100kHz, 1V	60	1.80(1.62)	1.80(1.62)	4R7
CTLVC4026F-22_	22	100kHz, 1V	230	0.86(0.77)	1.00(0.90)	220

### PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	4.0±0.2	4.0±0.2	2.6±0.2	1.4
inches	0.16±0.008	0.16±0.008	0.10±0.008	0.055



### PAD LAYOUT

Unit: mm

