

CTLV6020SF Series

From 4.7 μ H to 22 μ H



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:** $\pm 20\%$, $\pm 30\%$
- Testing:** Inductance is tested on an HP4284A 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.**

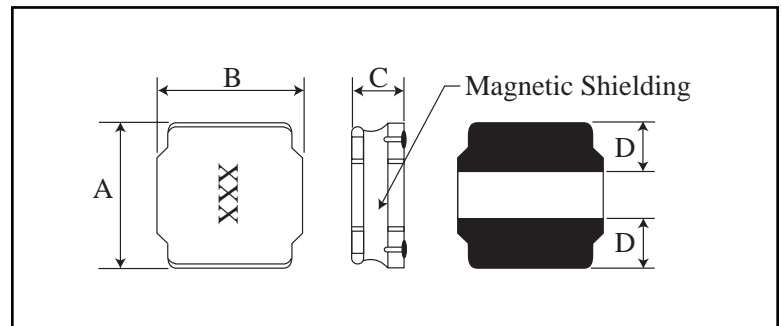
SPECIFICATIONS

Please specify inductance tolerance code when ordering.
 CTLV6020SF-4R7_ ← M = $\pm 20\%$, N = $\pm 30\%$
 *Isat: For inductance drop 30% from its value without current.
 **Irms: For a 40°C rise above 25°C ambient.

Part Number	Inductance (μ H)	L Test Freq. (kHz)	DCR $\pm 30\%$ (Ω)	*Isat Typ.(Max.) (A)	**Irms Typ.(Max.) (A)
CTLV6020SF-4R7_	4.7	100	0.058	3.0(2.70)	2.3(2.07)
CTLV6020SF-100_	10	100	0.130	2.1(1.89)	1.6(1.44)
CTLV6020SF-150_	15	100	0.195	1.6(1.44)	1.3(1.17)
CTLV6020SF-220_	22	100	0.260	1.3(1.17)	1.1(0.99)

PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	6.0 \pm 0.20	6.0 \pm 0.20	2.0 \pm 0.2	1.7 \pm 0.3
inches	0.236 \pm 0.008	0.236 \pm 0.008	0.079 \pm 0.008	0.067 \pm 0.012



PAD LAYOUT

Unit: mm

