

CTLV4012SF Series

From 3.3 μ H to 10 μ H

SPECIFICATIONS

Please specify inductance tolerance code when ordering.

CTLV4012SF-3R3_ ← 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. (MHz)	DCR $\pm 30\%$ (Ω)	*Isat Typ.(Max.) (A)	**Irms Typ.(Max.) (A)
CTLV4012SF-3R3_	3.3	1.0	0.072	1.52(1.36)	2.10(1.89)
CTLV4012SF-100_	10	1.0	0.190	0.90(0.81)	1.20(1.08)



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 1.0MHz, 200mV

Packaging: Tape & Reel.

Marking: Parts are marked with inductance code.

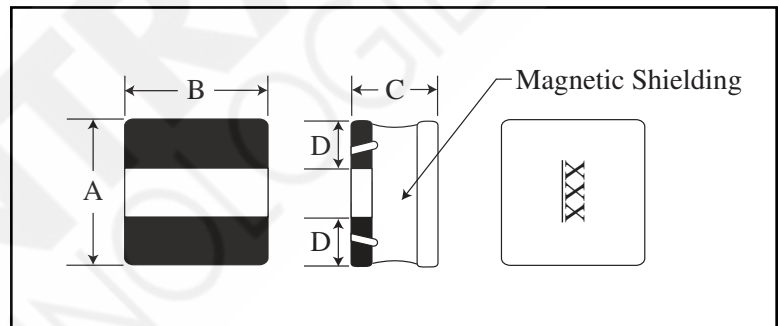
Miscellaneous: **RoHS Compliant.**

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

Samples available. See website for ordering information.

PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	4.0 \pm 0.20	4.0 \pm 0.20	1.2 \pm 0.1	1.5
inches	0.157 \pm 0.008	0.157 \pm 0.008	0.047 \pm 0.004	0.059



PAD LAYOUT

Unit: mm

