

CTLV3010ASF Series From 1.0 μ H to 3.3 μ H

SPECIFICATIONS

Please specify inductance tolerance code when ordering.

CTLV3010ASF-1R0 ← M = $\pm 20\%$, N = $\pm 30\%$

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

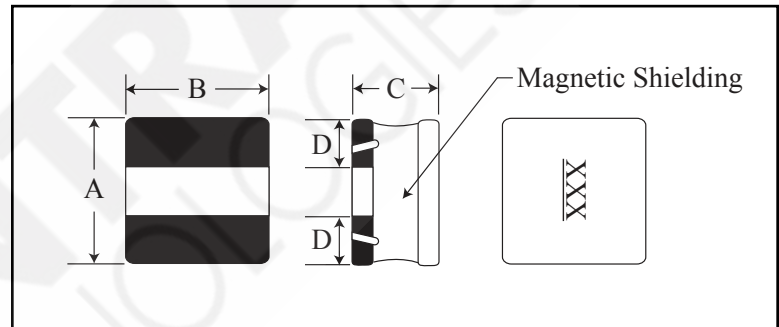
**Irms: For a 40°C rise above 25°C ambient.

Part Number	Inductance (μ H)	L Test Freq. (MHz)	DCR $\pm 30\%$ (Ω)	*Isat Typ.(Max.) (A)	**Irms Typ.(Max.) (A)
CTLV3010ASF-1R0_	1.0	1	0.063	2.4(2.16)	2.3(2.07)
CTLV3010ASF-3R3_	3.3	1	0.165	1.2(1.08)	1.1(0.99)



PHYSICAL DIMENSIONS

Size	A	B	C	D
			Max.	
mm	3.0 \pm 0.20	3.0 \pm 0.20	1.02	1.0
inches	0.118 \pm 0.008	0.118 \pm 0.008	0.040	0.039



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.

PAD LAYOUT

Unit: mm

