

SURFACE MOUNT TOROID INDUCTOR

ASTC-4H Series



RoHS
Compliant



11.4 x 14.0mm

ELECTRICAL SPECIFICATIONS:

Abracon P/N: **ASTC-4H-Series**

Part Number	L (μ H) $\pm 20\%$	R _{DC} Typ Parallel (m Ω)	I _{DC} Parallel (A)	I _{RMS} Parallel (A)
ASTC-4H- R31	0.31	3	22.50	12.20
ASTC-4H- R74	0.74	4	15.00	10.60
ASTC-4H- 1R4	1.39	5.2	11.25	9.23
ASTC-4H- 2R2	2.18	6.3	9.00	8.38
ASTC-4H- 4R3	4.26	8.5	6.43	7.21
ASTC-4H- 8R7	8.70	15	4.50	5.49
ASTC-4H- 100	10.5	20	4.09	4.67
ASTC-4H- 150	14.7	29	3.46	3.87
ASTC-4H- 200	19.6	34	3.00	3.62
ASTC-4H- 250	25.1	48	2.65	3.02
ASTC-4H- 300*	29.6	59	2.54	2.70
ASTC-4H- 350	34.8	71	2.25	2.49
ASTC-4H- 500	50.1	104	1.88	2.05
ASTC-4H- 680	68	153	1.61	1.70
ASTC-4H- 101	101	235	1.32	1.37
ASTC-4H- 151	154	365	1.07	1.10
ASTC-4H- 201	200	521	0.94	0.92
ASTC-4H- 301	303	787	0.76	0.75
ASTC-4H- 102	1000	1500	0.25	0.25

L test at 100KHz, 0.25V_{RMS} (1-2/3-4)

Hipot: 300 V_{DC} 1KM Ω Min (1-2 to 3-4)

Turns Ratio: 1:1 $\pm 2\%$ (1-2:3-4)

Polarity: 1 and 4 are in phase

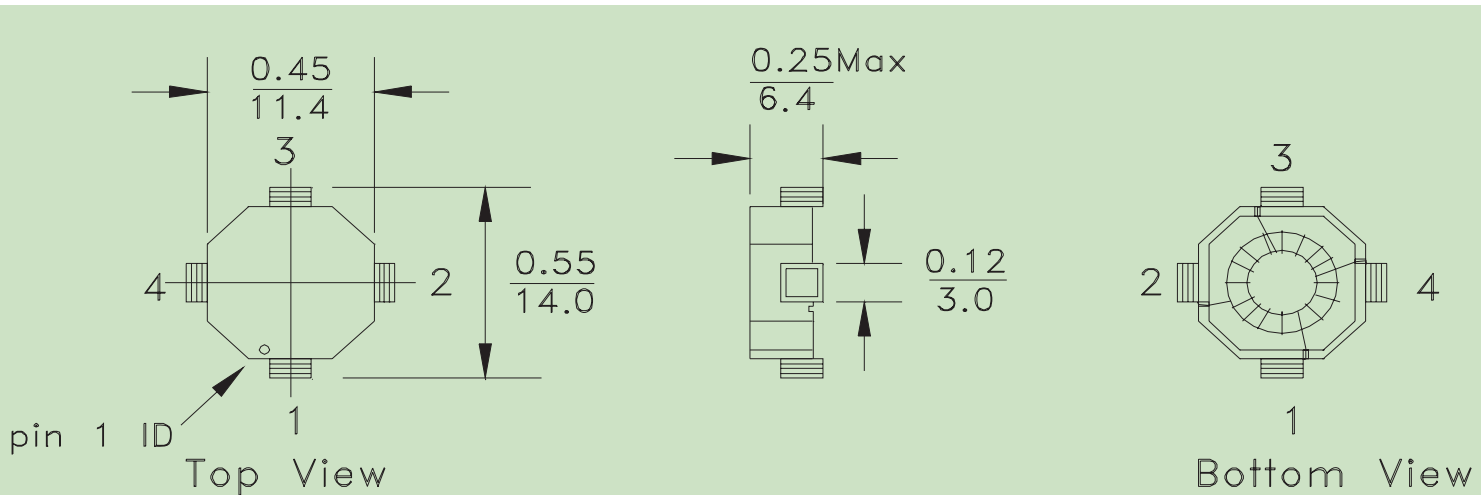
I_{DC}: 30% roll off max of initial inductance, * is 20% max

I_{RMS}: ΔT of 40°C temperature increase max

Max DCR is +15% or R_{DC} typical

Add -T for tape and reel

OUTLINE DRAWING:



Dimensions: Inches
(mm)