

Rev	Description	By	Date
4	Add mounting enclosure	SO	12-Mar-24
5	Change to 20uH per email 8/16/24	TC	16-Aug-24

ELECTRICAL SPECIFICATIONS @ 25°C

Switching Frequency: 86KHz, SQ Wave
74A_{RMS} Nom, 100A_{RMS} Max

OCL (1-2): 20.0μH ±10% @ 100KHz, 0.1V_{RMS}

I_{SAT}: ΔL <5% at 74A_{RMS}
ΔL <10% at 100A_{RMS}

DCR (1-2): 3.0mΩ Max

ACR (1-2): 30mΩ Max @100KHz, 0.1V_{RMS}

Q: 300 Min @ 100KHz

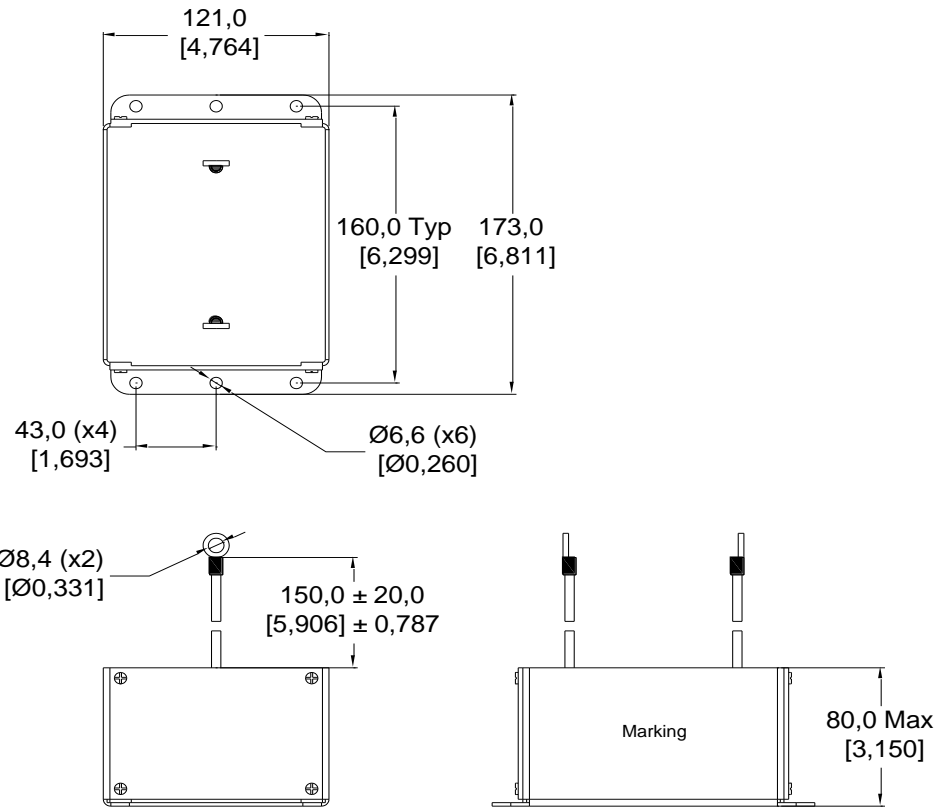
SRF: 500KHz Min

Hipot (winding to core): 3KV_{RMS}, 2mA, 10S

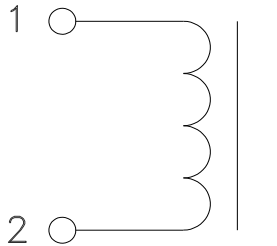
Operating Temp: -40°C to +155°C

RoHS: Yes

DIMENSIONS



SCHEMATIC



MARKING


MPS
P16118_Rev#
DATE CODE

Dimensions: mm/ [inches]

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Dimensions Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005 [0,13mm]	DRAWN BY: CHECKED BY:	TC TC	16-Aug-24 16-Aug-24	SIZE A
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 MPS INDUSTRIES, INC. www.mpsind.com Tel: (310) 325-1043 Fax: (310) 325-1044		Description	
		RESONANT INDUCTOR	
Part Number		REV	
P16118		5	
WEIGHT: XX gms		SHEET: 1 OF 1	