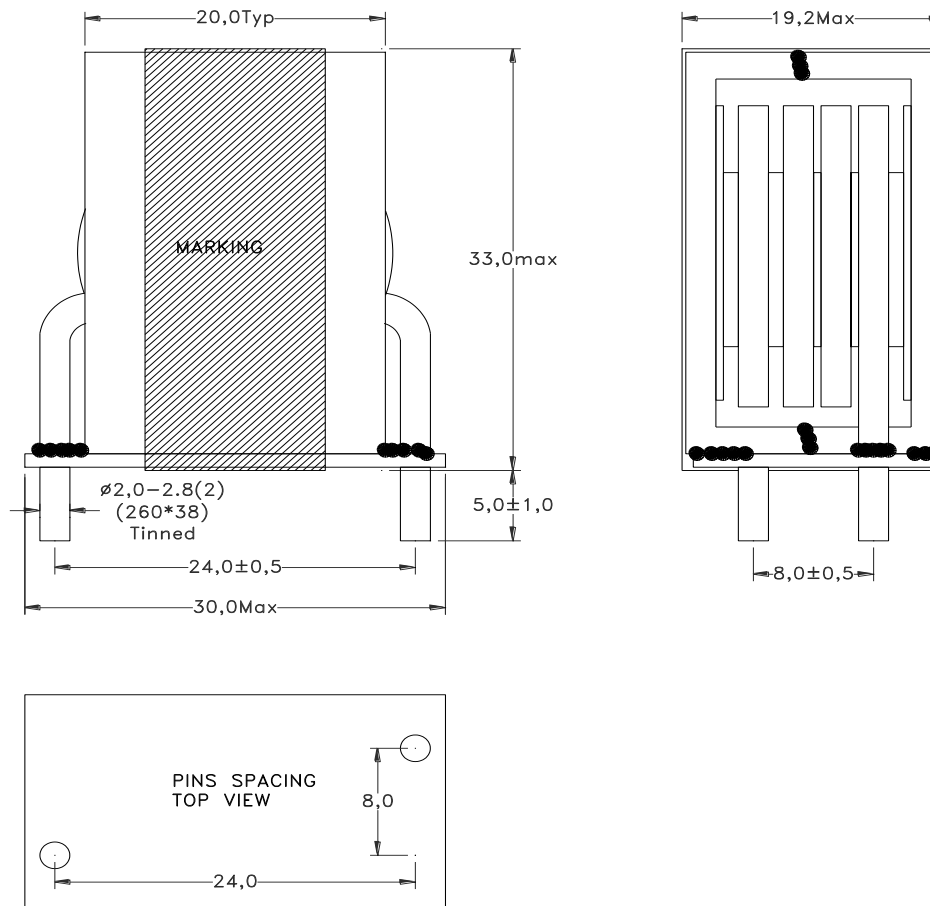


Rev	Description	By	Date
1	Preliminary	TC	29-Aug-22

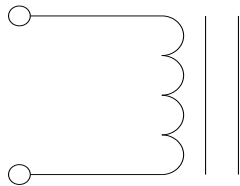
ELECTRICAL SPECIFICATIONS @ 25°C

Operating Frequency: 100KHz - 30MHz
 OCL: 1.66µH ±10% @ 100KHz, 0.1V_{RMS}
 I_{SAT}: ΔL < 10% at 20Adc
 Q: 100 Min @ 100KHz, 0.1V_{RMS}
 SRF: >30MHz
 DCR: 4.0mΩ Max
 Hipot (winding to core): 1.2KV_{RMS}, 1mA, 5S
 Materials Insulation: Class F
 Operating Temp: -40°C to +155°C
 RoHS: Yes
 Lead coating: SAC305 (Sn96.5Ag3.0Cu0.5)

DIMENSIONS



SCHEMATIC




MARKING

MPS
 P16116
 DATE CODE

Dimensions: mm

Notice of Proprietary Property These drawings and specifications are the property of MPS and shall not be reproduced, copied or used as the basis of manufacture of sale of apparatus without express written authorization				
Dimensions Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005 [0,13mm]	DRAWN BY: CHECKED BY:	TC TC	29-Aug-22 29-Aug-22	SIZE A

 MPS INDUSTRIES, INC. www.mpsind.com Tel: (310) 325-1043 Fax: (310) 325-1044	
Description RESONANT INDUCTOR	
Part Number P16116	REV 1
WEIGHT: XX gms	SHEET: 1 OF 1