Mentech 铭普光磁

RF TRANSIMISSION LINE TRANSFORMER

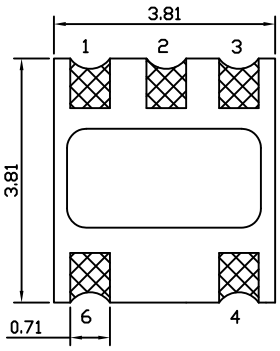
- RF Transmission Line Transformer
- Impedance=50Ω
- Operating temperature range: -40℃ to 85℃
- Storage temperature range: -55℃ to +100℃
- RoHS compliant

Electrical Specifications @25°C Z0=50Ω

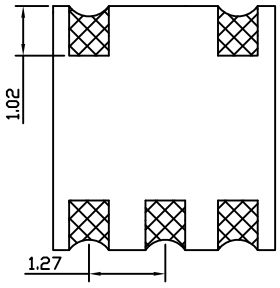
Part Number	Ω Ratio	Insertion Loss (Max)			Amplitude Unbalance(Typ)	Phase Unbalance(Typ)		DC Current	RF Power	Frequency
	Pri:Sec (6-4:1-3)	2000-3000 MHz	1000-2000 MHz	4.5-1000 MHz	4.5-2000MHz	4.5-1000 MHz	1000-2000 MHz	30mA	250mW	4.5-3000 MHz
RFT-072SG	1:1	3.0dB	2.0dB	1.0dB	0.5dB	2.0°	3.0°			

Note:Insertion Loss is referenced to mid-band loss,0.5dB typ.

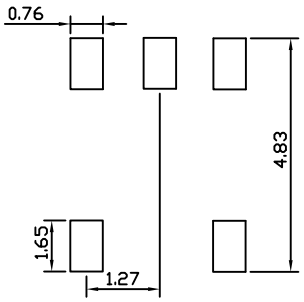
MECHANICAL



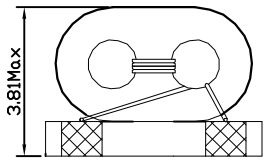
Top View



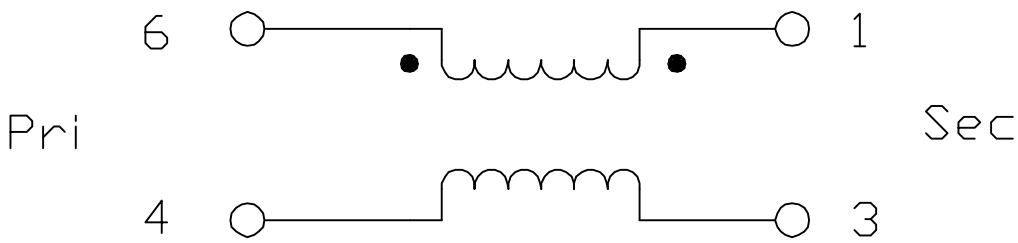
Bottom View



Recommended PAD Layout
Top View



Front View

Unless otherwise specified all tolerances are:±0.25 in mm

SCHEMATICS