

1.GENERAL SPECIFICATION:

PART NUMBER: MI04011

SPECIFICATION: RF TRANSFORMER

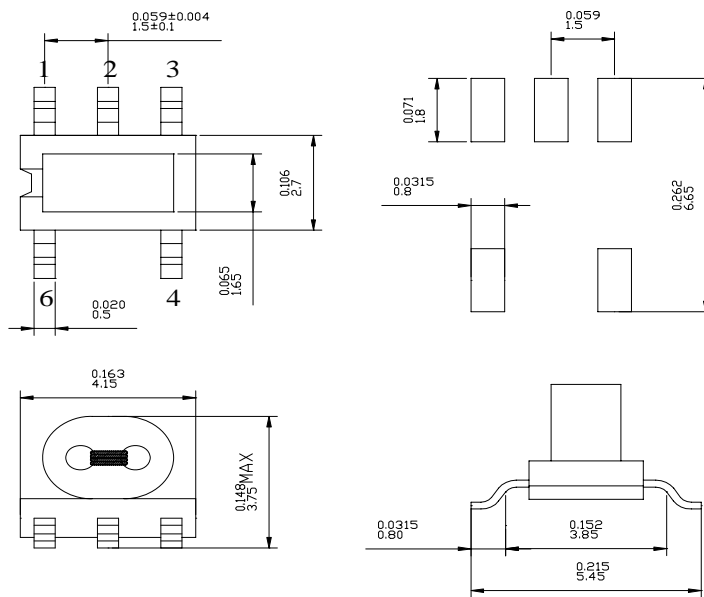
STORAGE TEMP RANGE: -25°C TO +125°C

OPERATING TEMP RANGE: -40°C TO +85°C

PACKAGE: 6PIN SMD PROFILE PACKAGE

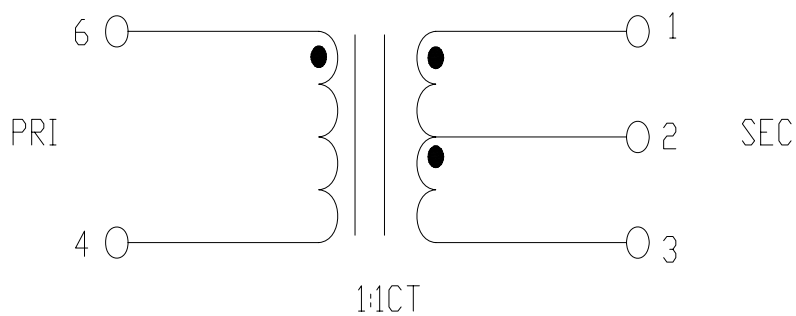
IR TEMP: 260°C MAX

2.DIMENSIONS (unit:inch/mm):



note:Unless otherwise specified,all tolerances are:± $\frac{.012}{0,30}$

3. SCHEMATIC:



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4.ELECTRICAL SPECIFICATIONS @25°C:

4.1 T/R: 100KHz 0.1V

(4-6):(1-3)=1:1CT±5%

4.2 DCR:(1-3)=0.25 Ω MAX (4-6)=0.25 Ω MAX

4.3 INSERTION LOSS:

3dB MAX @ 0.4MHz - 500MHz

2dB MAX @ 0.5MHz - 300MHz

1dB MAX @ 1MHz - 100MHz

4.4 UNBALANCE (Deg)TYP :

1dB MAX @ 2 BANDWIDTH

2dB MAX @ 5 BANDWIDTH

4.5 AMPULITUDE UNBALANCE(dB)TYP

1dB MAX @ 0.1 BANDWIDTH

2dB MAX @ 0.6 BANDWIDTH

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