

MINI BALUN TRANSFORMERS



R34M SERIES



- Ideal for CATV and SET Top Box applications
- Types include Double Balance Mixer and Directional Coupler
- Small surface mount package: 4mm square, 3.5mm high
- Operating Temperature: -40°C to +85°C
- RoHS Compliant Product
- Custom Design Available

ELECTRICAL PARAMETERS @ 25°C

Part Number	Turns	Frequency Response Rate (MHz)	Insertion Loss (dB MAX)	Schematic
R34M-				
Double Balanced Mixer (50 Ω :200 Ω) (6-4:1-3)				
3A	3	20-2000	3	A
4A	4	6-1850	3	A
5A	5	3-1550	3	A
6A	6	0.1-1100	3	A
Splitter/Directional Coupler				
3D	3	45-1500	in-out1, 2dB in-out2, 10dB	D
4D	4	8-1200	in-out1, 1.5dB in-out2, 14dB	D
5D	5	5-1000	in-out1, 1.2dB in-out2, 16dB	D

SCHEMATICS

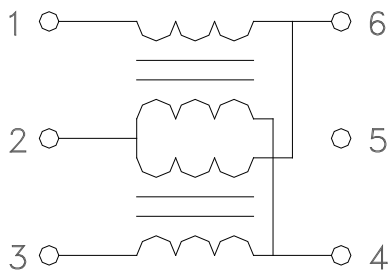


Figure A

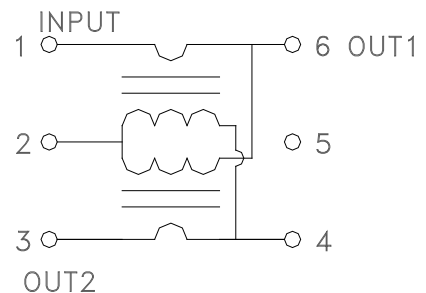


Figure D

Product performance is limited to specified parameters. Data is subject to change without prior notice.

Tel: 310-325-1043
Fax: 310-325-1044

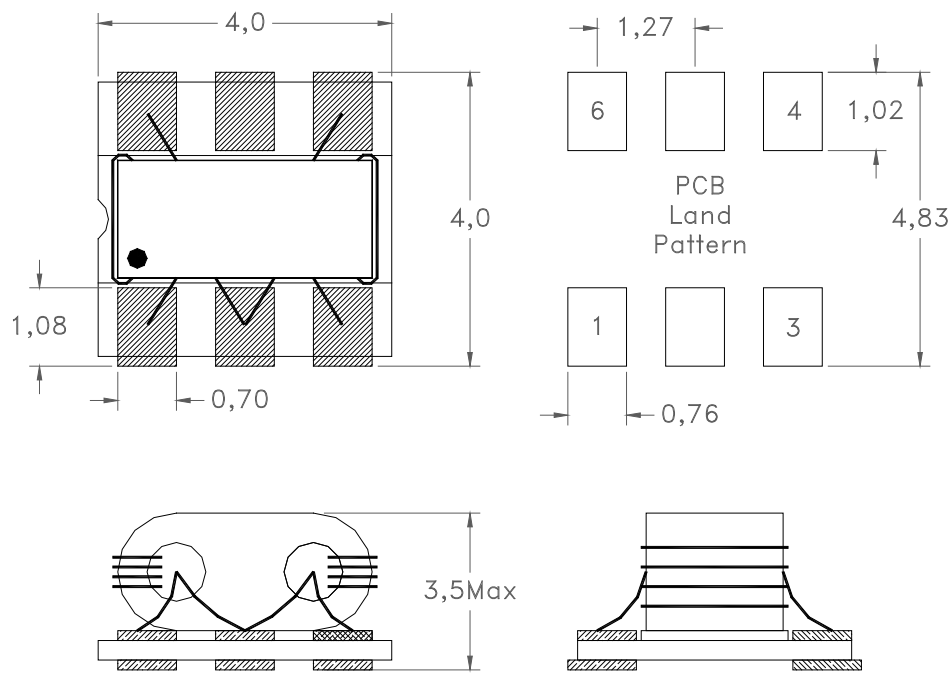
www.mpsind.com
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DIMENSIONS (mm)



Dimensions

Unless otherwise specified, all tolerances are:
inch: .XX : $\pm 0,015$.XXX : $\pm 0,004$
mm: X,X : $\pm 0,38$ X,XX : $\pm 0,10$

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