

RF DISTRIBUTOR



R35040-XE SERIES

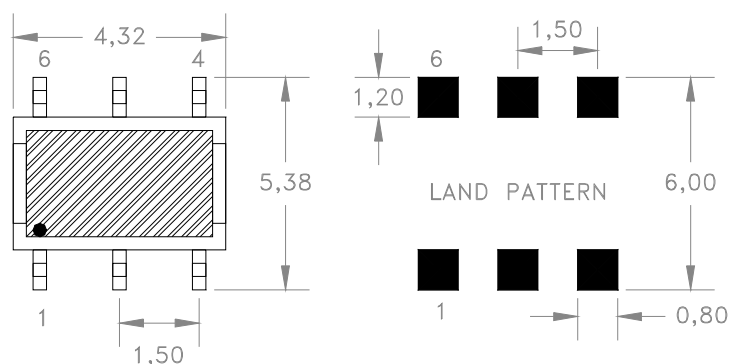


- Ideal for use in Wideband Transformer applications
- Bandwidth available from 20MHz to 1000MHz
- Operating Temperature: -40°C to +85°C
- RoHS Compliant Product
- Custom Design Available

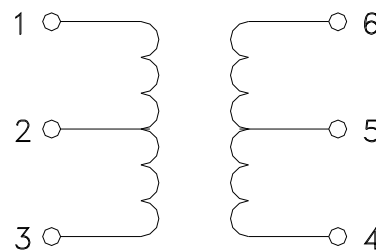
ELECTRICAL SPECIFICATION @ 25°C

Part No R35040-	Winding Turns			μ iac
	1-2	2-3	4-5-6	
1E	1T	3T	2T	125
2E	1T	4T	3T	125

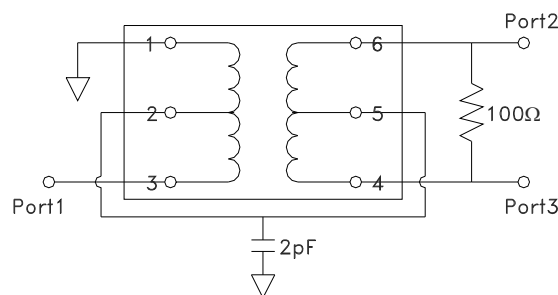
Mechanical



Schematic



Test Circuit (50 Ω Network System)



TOLERANCE

Unless otherwise specified
inch: .XX : ± 0.015 .XXX : ± 0.004
mm: X,X : ± 0.38 X,XX : ± 0.10

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

R35040-XE
0945JW

RF DISTRIBUTOR



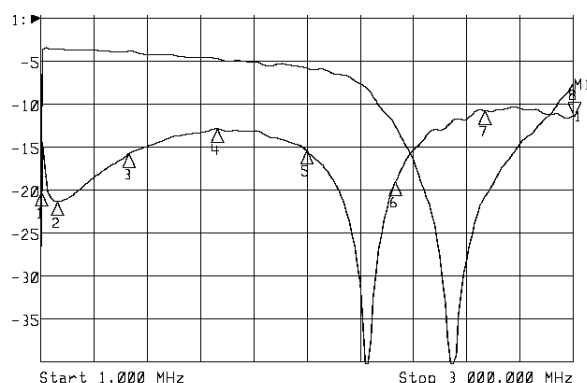
R35040-1E: Port1 to Port2 and Port3



Start 1.000 MHz Stop 3 000.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1: 10.0000	-11.841		
2: 100.0000	-3.974		
3: 500.0000	-4.026		
4: 1000.0000	-4.696		
5: 1500.0000	-5.757		
6: 2000.0000	-11.109		
7: 2500.0000	-23.373		
8: 3000.0000	-7.876		

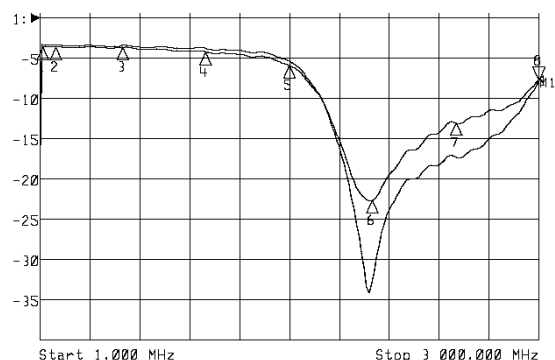
R35040-1E: Port 2 to Port 3



Start 1.000 MHz Stop 3 000.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1: 10.0000	-20.259		
2: 100.0000	-21.337		
3: 500.0000	-15.762		
4: 1000.0000	-12.847		
5: 1500.0000	-15.404		
6: 2000.0000	-19.062		
7: 2500.0000	-10.711		
8: 3000.0000	-11.329		

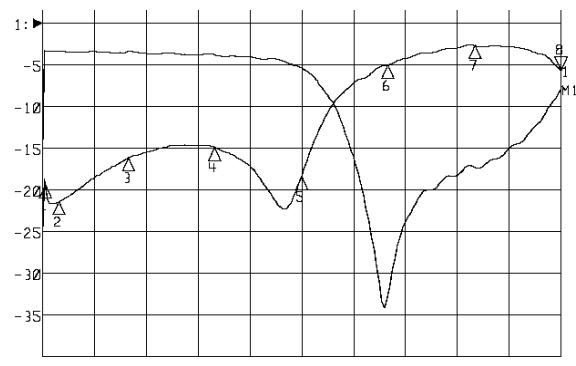
R35040-2E: Port1 to Port2 and Port3



Start 1.000 MHz Stop 3 000.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1: 20.0000	-3.678		
2: 100.0000	-3.591		
3: 500.0000	-3.648		
4: 1000.0000	-4.207		
5: 1500.0000	-5.911		
6: 2000.0000	-22.687		
7: 2500.0000	-13.029		
8: 2997.0010	-7.765		

R35040-2E: Port 2 to Port 3



Start 1.000 MHz Stop 3 000.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1: 20.0000	-19.330		
2: 100.0000	-21.410		
3: 500.0000	-16.154		
4: 1000.0000	-14.066		
5: 1500.0000	-18.348		
6: 2000.0000	-5.001		
7: 2500.0000	-2.653		
8: 2997.0010	-5.642		

TOLERANCE

Unless otherwise specified

inch: .XX : ± 0.015 .XXX : ± 0.004

mm: X,X : ± 0.38 X,XX : ± 0.10

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

R35040-XE
0945JW

2570 W. 237th Street, Suite B
Torrance, CA 90505

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

www.mpsind.com
sales@mpsind.com