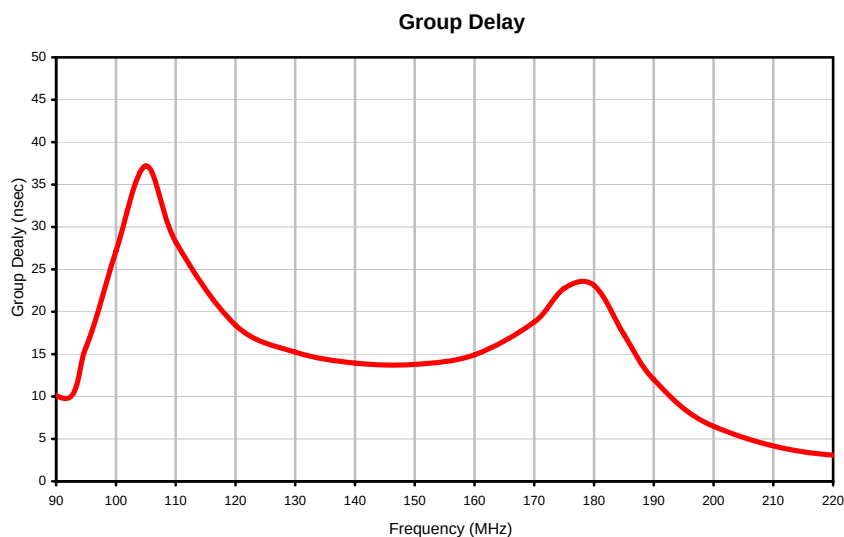
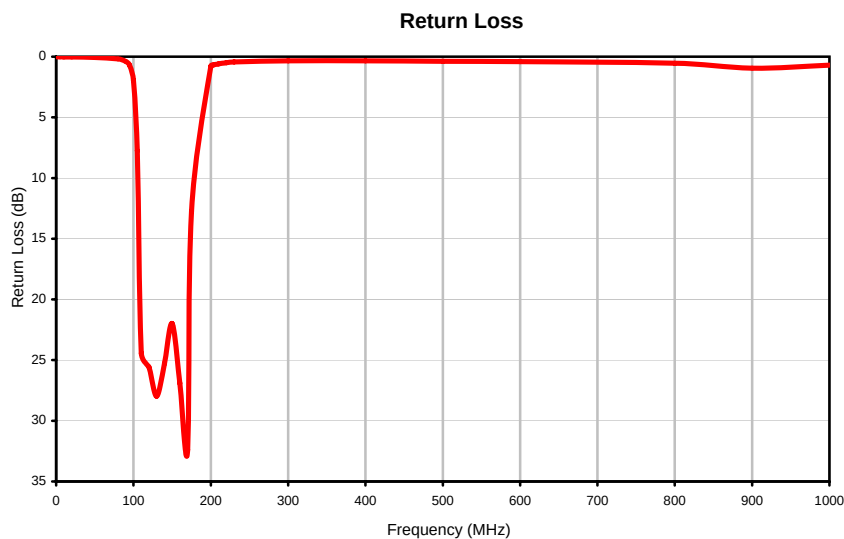
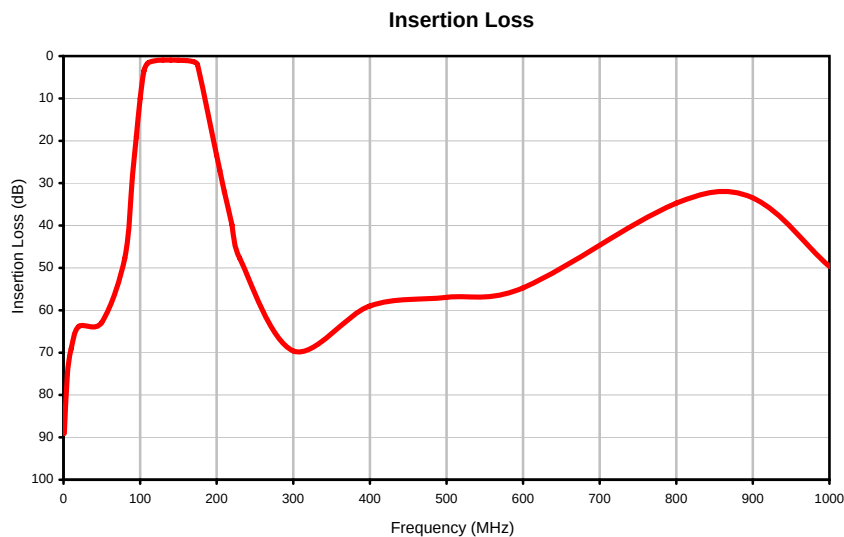


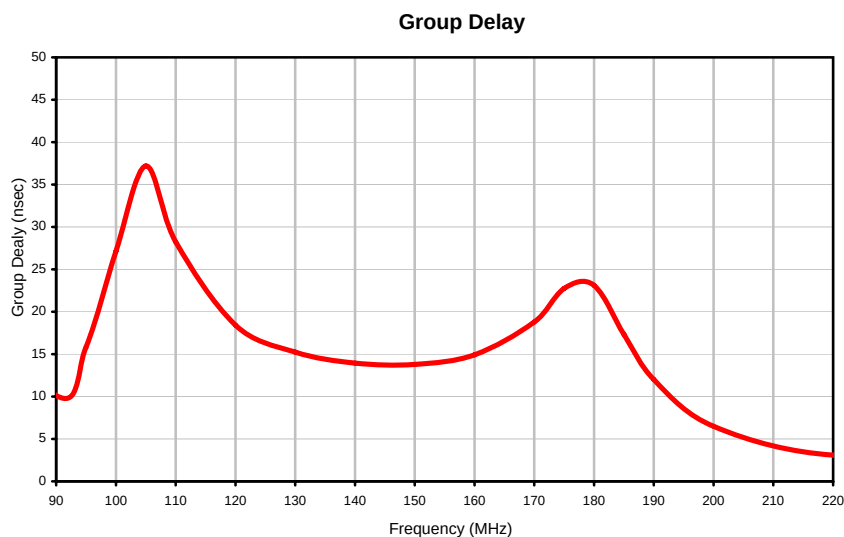
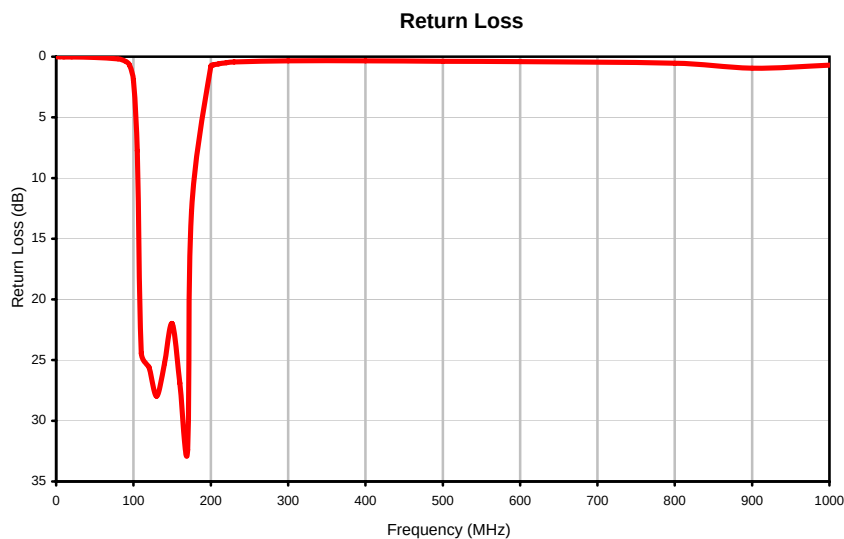
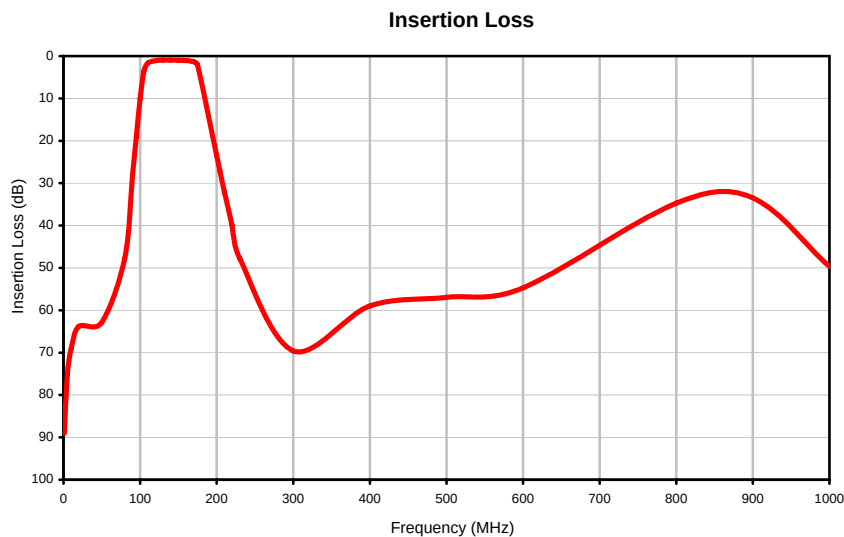
Typical Performance Curves



Typical Performance Data

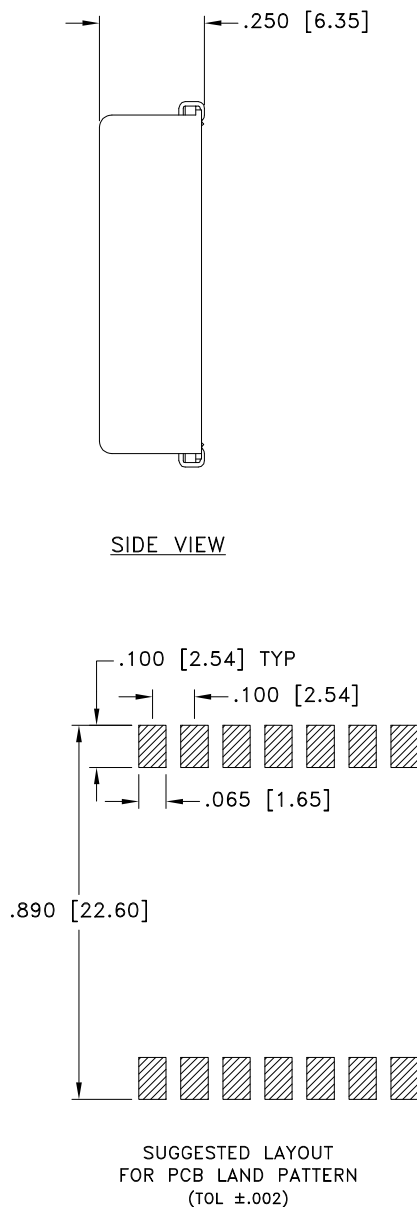
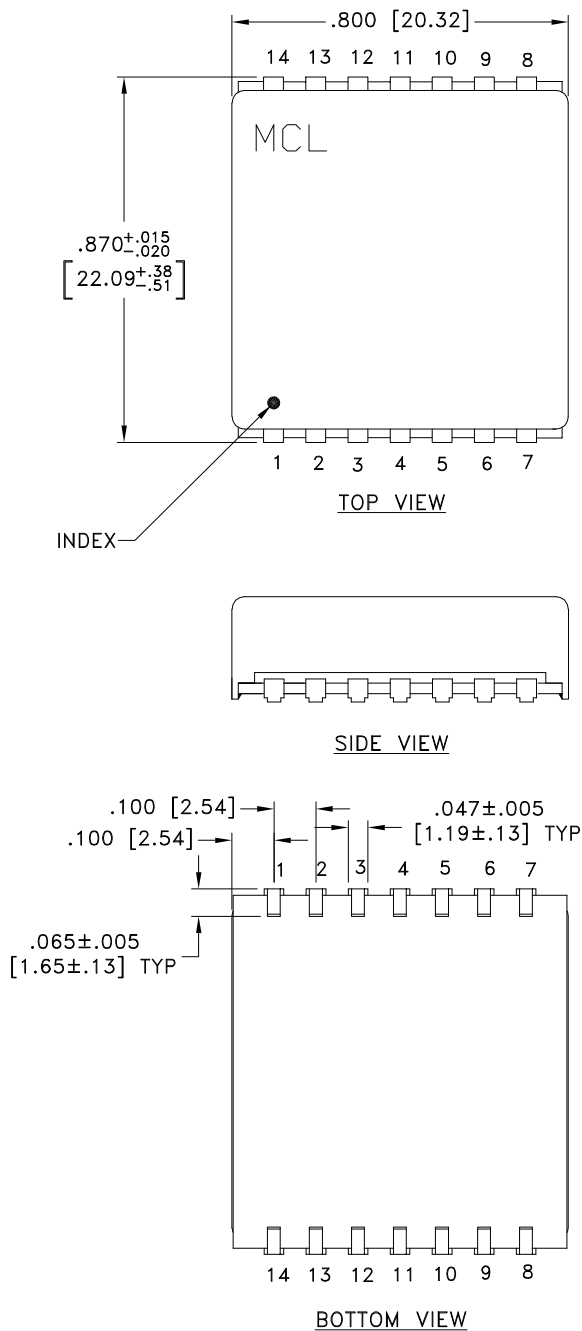
FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	FREQUENCY (MHz)	GROUP DELAY (nsec)
1.00	89.09	0.01	1.00	16.28
5.00	75.19	0.01	5.00	0.52
10.00	69.05	0.02	10.00	1.75
20.00	63.78	0.03	20.00	0.84
50.00	62.86	0.07	50.00	2.39
80.00	47.69	0.18	70.00	26.17
90.00	28.27	0.39	90.00	10.13
95.00	19.08	0.71	95.00	15.83
100.00	9.99	1.94	100.00	27.15
105.00	3.48	7.73	105.00	37.20
110.00	1.65	24.42	110.00	28.25
120.00	1.11	25.57	120.00	18.42
130.00	0.95	27.97	130.00	15.25
140.00	0.93	25.29	140.00	13.94
150.00	0.99	21.99	150.00	13.79
160.00	1.07	26.90	160.00	14.92
170.00	1.35	32.39	170.00	18.78
175.00	2.07	12.75	175.00	22.76
200.00	23.43	0.77	180.00	23.12
204.00	26.98	0.68	185.00	17.32
210.00	31.99	0.59	190.00	12.02
220.00	39.90	0.49	200.00	6.49
230.00	47.69	0.44	220.00	3.09
300.00	69.59	0.34	250.00	4.02
400.00	59.00	0.35	300.00	10.14
500.00	56.95	0.38	400.00	3.29
600.00	54.71	0.40	500.00	0.37
800.00	34.70	0.55	600.00	2.11
900.00	33.47	0.95	800.00	1.79
1000.00	49.66	0.70	1000.00	2.07

Typical Performance Curves



Outline Dimensions

BG291



 DENOTES METALLIZATION

Weight: 4 gram

Dimensions are in inches[mm]. Tolerances: 2PL $\pm$ 0.03[0.76]; 3 PL $\pm$ 0.015 [0.381] inches[mm], unless otherwise specified

Notes:

1. Case material: Copper-Nickel alloy.
2. Base material: Printed wiring laminate.
3. Termination finish:

For RoHS Case Styles: Tin plate over Nickel plate. All models, (+) suffix.

For RoHS-5 Case Styles: Tin-Lead plate. All models, no (+) suffix.

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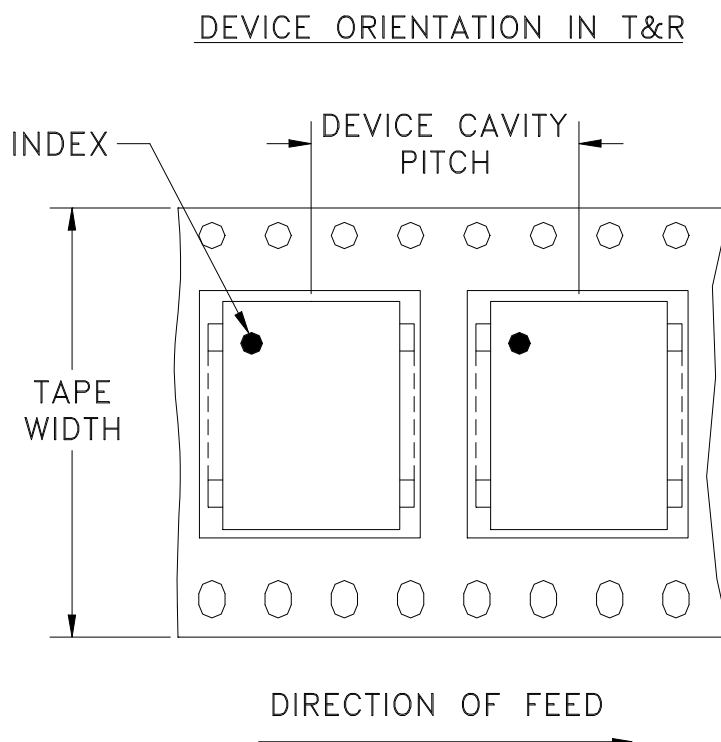
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