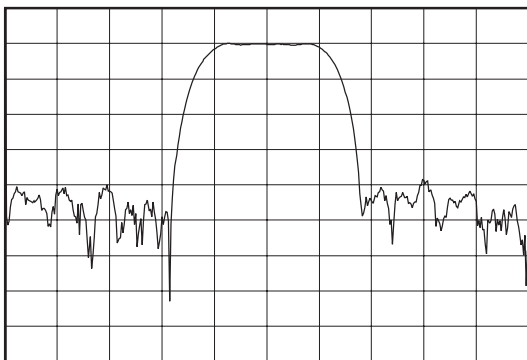
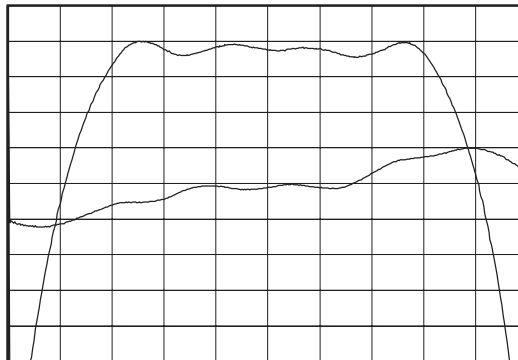


Typical Performance



Horizontal: 500 kHz/Div
Vertical: 10 dB/Div



Horizontal: 150 kHz/Div
Vertical: 1 dB/Div
Vertical: 1 deg/Div

Specifications

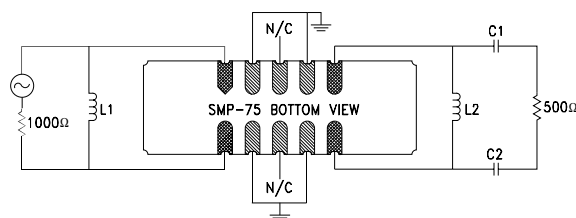
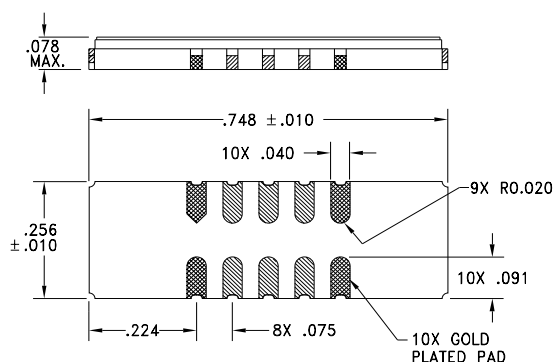
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency, F_o	MHz	NS	85.38	NS
Insertion Loss at F_o	dB	-	14.8	16
Lower 5.5 dB Bandedge	MHz	-	84.728	84.765
Upper 5.5 dB Bandedge	MHz	85.995	86.026	-
Lower 28 dB Bandedge	MHz	84.48	84.512	-
Upper 28 dB Bandedge	MHz	-	86.241	86.28
Phase Linearity*	degrees rms	-	2.5	3.5
Triple Transit Suppression	nsec	30	34	-
Amplitude Variation*	dB	-	0.34	1
Ultimate Rejection	dB	45	55	-
Substrate Material	-	-	Quartz	-
Temperature Range	°C	-30	25	80

Package Outline

Matching Configuration

NS = Not Specified

*Measurement with Triple Transit Gating



$L1 = 180\text{nH}$, $L2 = 220$

$C1 = 9\text{pF}$, $C2 = 9\text{pF}$

Source/Load Impedance = $1\text{K } \Omega / 500 \Omega$

Package Style = SMP-75

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