2525 Shader Road Orlando Florida 32804 USA
Phone: 407-298-2000 Fax: 407-293-2979
Website: www.mtronpti.com AMEX: LGL

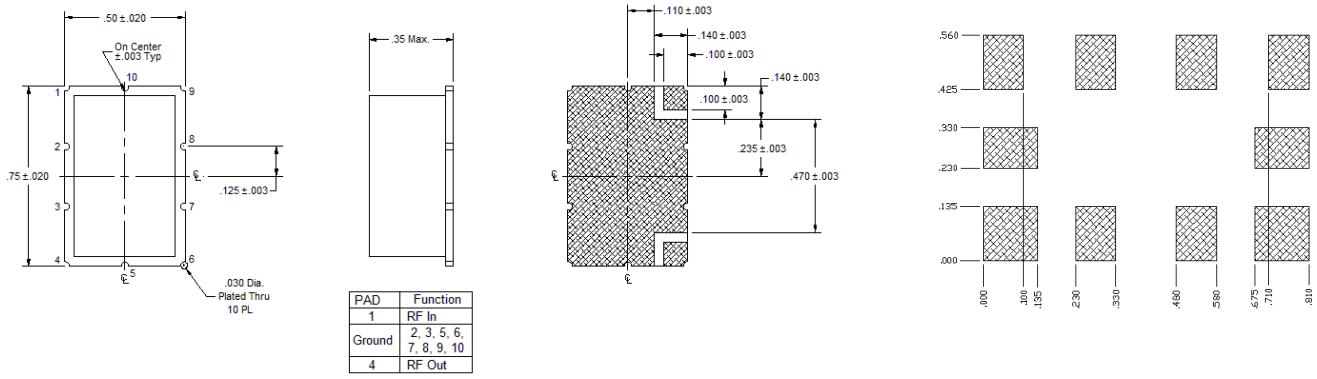
Specification for a Bandpass LC Filter
MtronPTI P/N: 9414R

I. General & Electrical Requirements:

Center Frequency (F_{ON}): 720MHz
Bandwidth @ 0.5dB: 100MHz minimum
Insertion Loss (within the 0.5dB Bandwidth): < 1.5dB
Rejection
50dB minimum: F_{ON} ±260MHz maximum
Z_{IN}/Z_{OUT}: 50Ω nominal

II. Environmental & Physical Requirements:

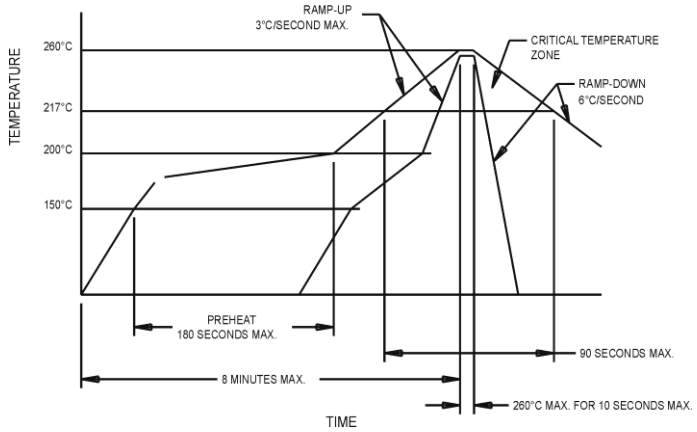
1. Temperature Range
   Operating: -40°C to +85°C (@ mounting surface)
   Storage: -45°C to +95°C
2. Package: : Reference Drawing (Figure1)



PAD	Function
1	RF In
Ground	2, 3, 5, 6, 7, 8, 9, 10
4	RF Out

Figure 1: Package Outline Drawing and Recommended PAD Layout

ILI. Recommended Reflow Profile:

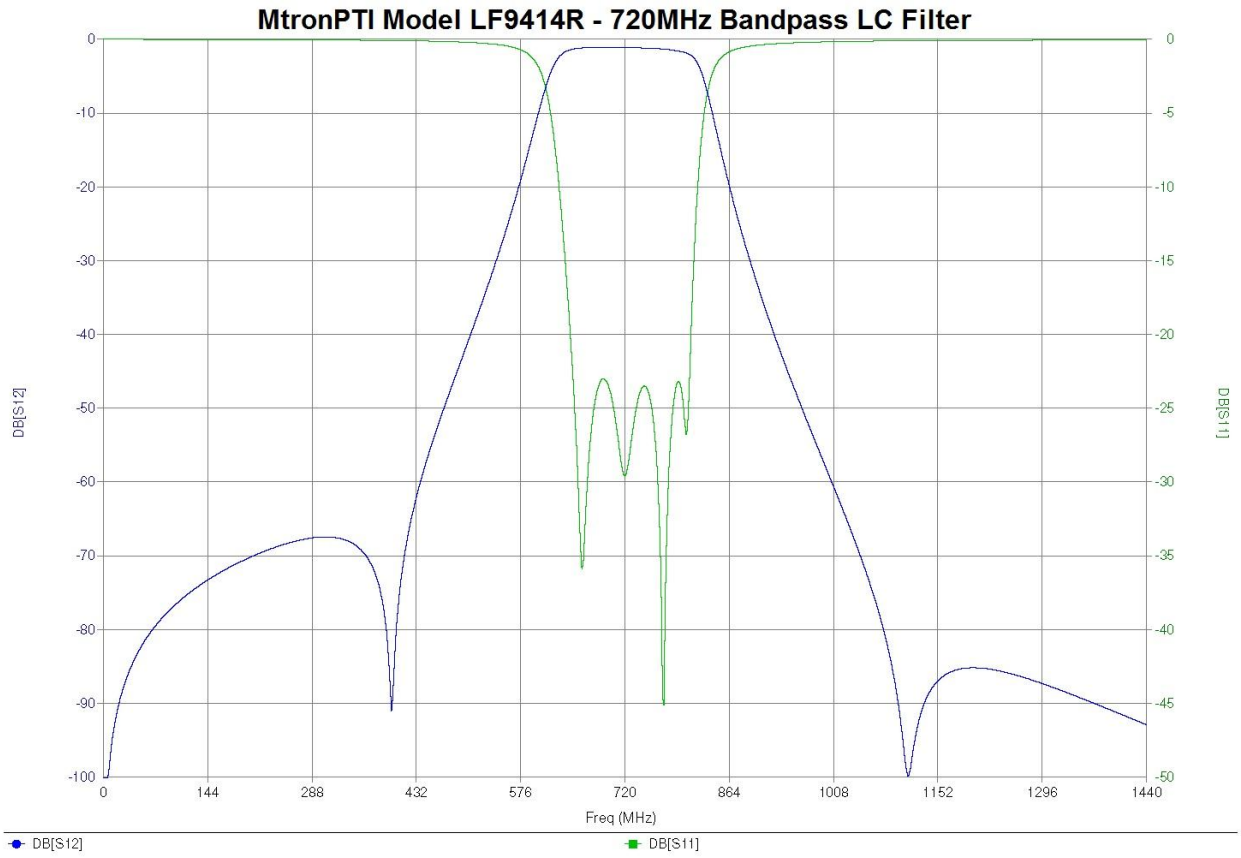


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IV. Design Simulation Plot:



V. Datasheet Revision Table:

Date	Rev.	Orig.	Details of Revision
09/17/12	-	BRM	Original Release.

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