

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: $F_{ON} \pm 260$ MHz maximum
 Z_{IN}/Z_{OUT} : 50 Ω 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)

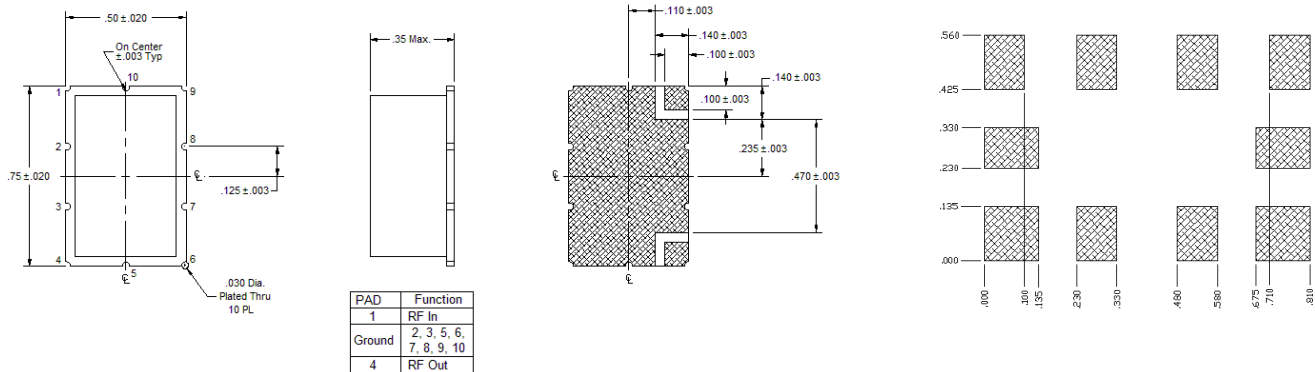
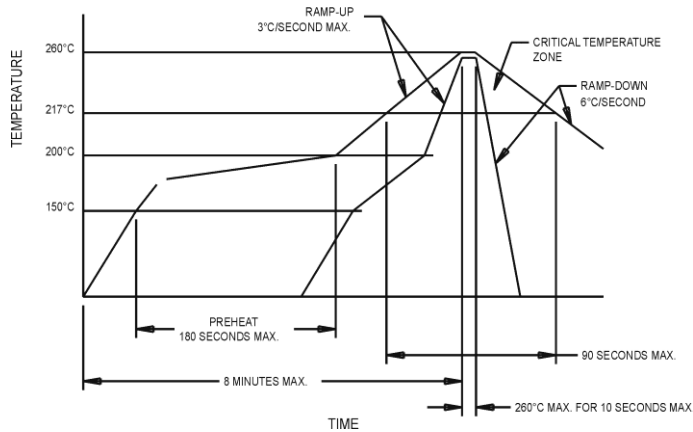


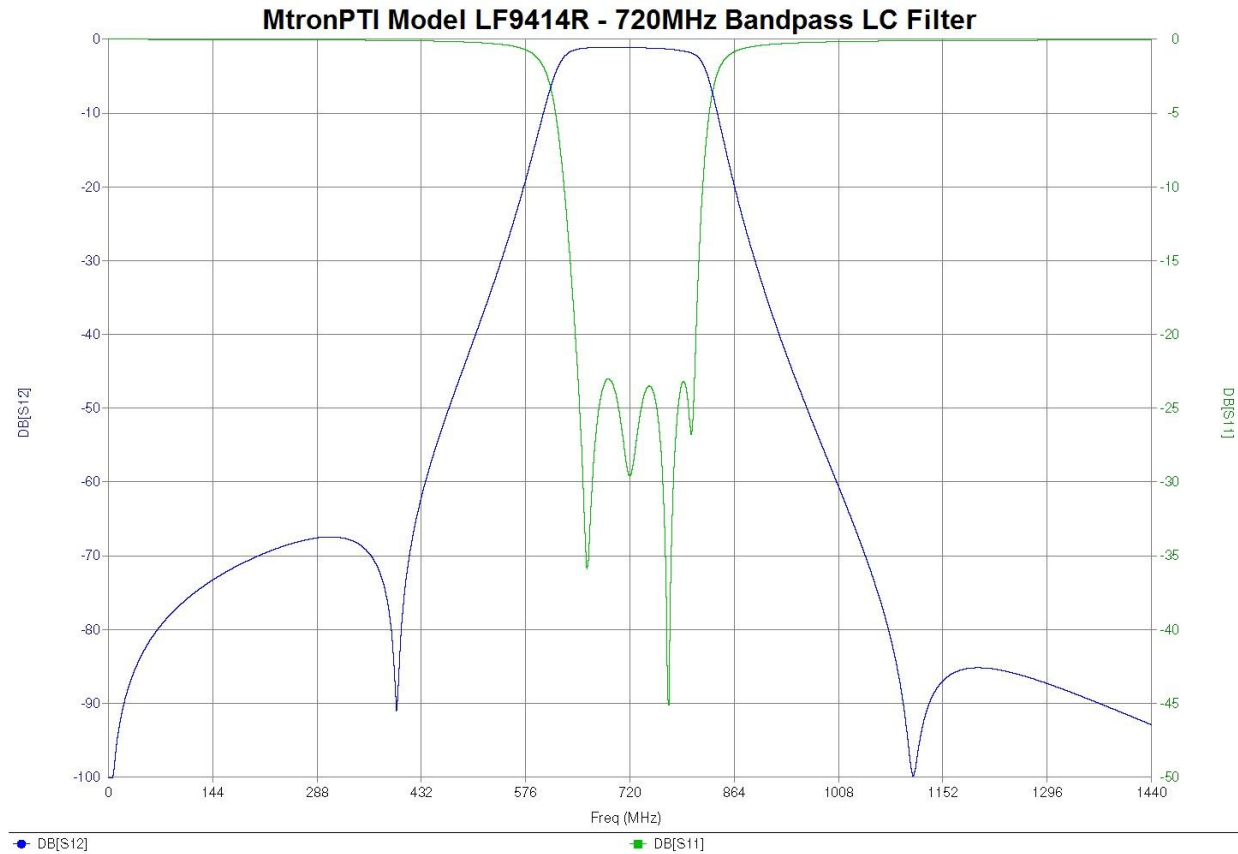
Figure 1: Package Outline Drawing and Recommended PAD Layout

III. 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.