

LOW PASS FILTER

SURFACE MOUNT MODEL LPS-2000

ULTRA LOW LOSS/HIGH SUPPRESSION

Fc - 2000 MHz

FEATURES:

- Excellent group delay variation
- Suitable for reflow process
- Aqueous cleaning compatible

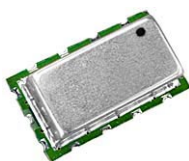
APPLICATIONS:

- Test equipment
- Wideband receiver

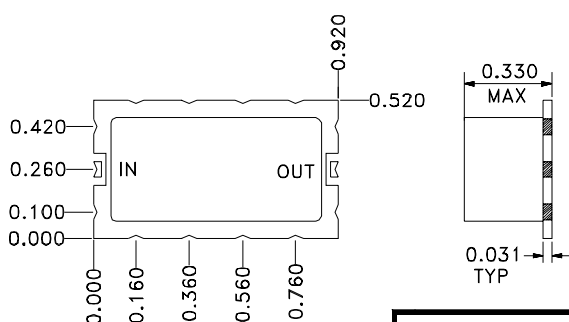
SPECIFICATIONS:

Passband:	DC - 2000 MHz
Passband I. Loss (dB):	1.0 (Typ) / 1.25 (Max)
Attenuation (dB):	
From 2800 - 7000 MHz	50 (Min)

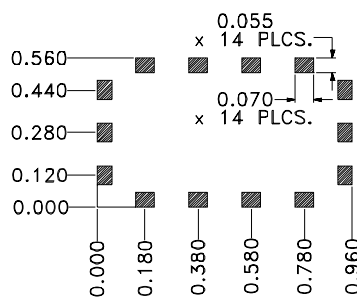
VSWR (In/Out):	
DC - 2000 MHz	1.25:1 (Typ) / 1.5:1 (Max)
Group Delay Variation:	
DC - 2000 MHz	1.15 ns (Typ)
Operating Temp. Range:	0° to 60°C



MECHANICAL OUTLINE: 243



RECOMMENDED PCB LAYOUT



LOW PASS FILTER

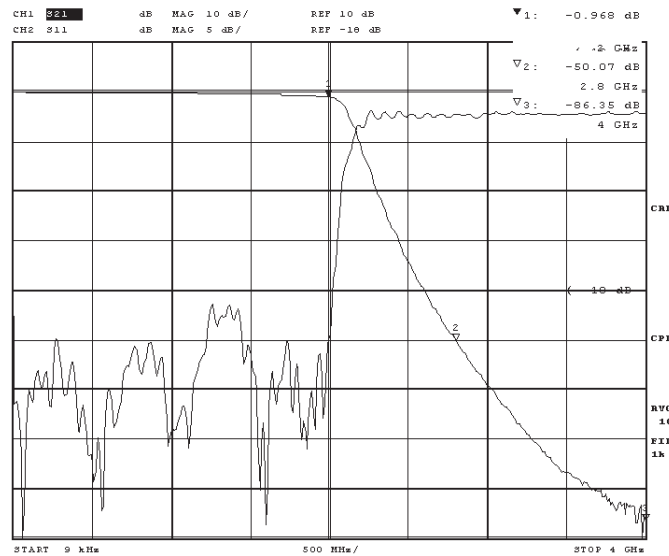
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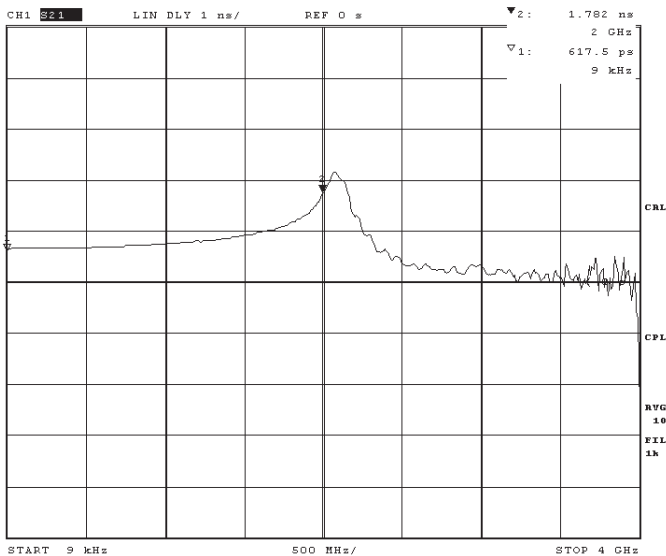
Fc - 2000 MHz

PERFORMANCE PLOTS

INSERTION AND RETURN LOSS



ABSOLUTE GROUP DELAY



GROUP DELAY VARIATION

