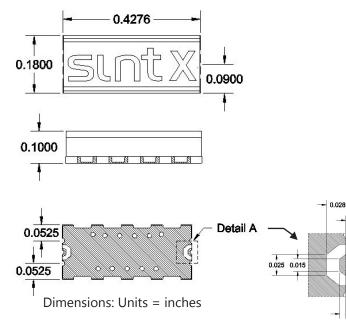
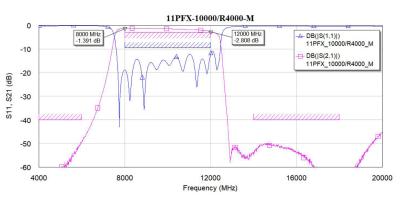
# X-Band Planar X Filter

Part Number: 11PFX-10000/R4000-M

### Mechanical Outline



## Typical Performance Curve



Important: Performance of hardware may deviate from the response shown above. However, the filter will comply with the specifications shown on the specification sheet.

### Product Configuration

Part Number	11PFX-10000/R4000-M
Series	Planar X Filter Series
Center Frequency	10000 MHz
Bandwidth	4000 MHz min.
Insertion Loss	3.0 dB max.
Stopband Attenuation	40 dBc min. from DC to 6000 MHz
Stopband Attenuation	40 dBc min. from 14000 to 18000 MHz
Return Loss	10 dB typicəl
Temperature Range	-55 to 100 deg. C
Relative Humidity	95% NC

#### Recommended PCB Layout

 50 Ohm trace dimensions are next higher assembly specfic



 Proper grounding of next higher assembly required

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