



# Planar Monolithics Industries, Inc.

*RF & Microwave Components and Modules to 40GHz*

## Suspended Substrate, High Pass Filter PMI Model No. HP-26D5G-40D-CD-292FF



PMI Model HP-26D5G-40G-CD-292FF is a suspended substrate, high pass filter that has a passband of 26.5 to 40.0GHz. This model offers less than 2dB insertion loss while offering over 54dB of rejection at 20GHz and below. This model is supplied in an ultra-small housing that measures only 0.65" x 0.65" x 0.50" in size and is supplied with 2.92mm female connectors.

### Specifications:

Passband	26.5 to 40.0GHz
-1dB Cut-Off Frequency	26.5GHz
Passband Insertion Loss	2.0dB Maximum
Passband VSWR	2.0:1
Rejection	-54dBc Minimum @ 20.0GHz
Size	0.65"L x 0.65"W x 0.50"H
Connectors In/Out	2.92mm Female

### Environmental Ratings:

Temperature:	-55°C to +85 °C Operating -65 °C to +125 °C Non-Operating
Humidity:	MIL-STD-202F, Method 103B Cond. B
Shock:	MIL-STD-202F, Method 213B Cond. B
Vibration:	MIL-STD-202F, Method 204D Cond. B
Altitude:	MIL-STD-202F, Method 105C Cond. B
Temperature Cycle:	MIL-STD-202F, Method 107D Cond. A



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**ISO9001:2008 Certified**