Planar Monolithics Industries, Inc.
Offering State-Of-The-Art RF and Microwave Components & Integrated Assemblies From DC to 40GHz

NEW
mmW FILTER TECHNOLOGY

18GHz to 40GHz
DIPLEXER
PMI MODEL No: DPX-18G26R5G40G
- INSERTION LOSS 2.0dB
- VSWR 2.5:1
- K BAND PASSBAND 16GHz Min., 25GHz Max
- Ka BAND PASSBAND 28GHz Min., 40GHz Max
- K BAND REJECTION 32 to 46GHz, >60dBc
- Ka BAND REJECTION DC to 22GHz, >60dBc
- SIZE 0.80” X 0.60” X 0.38”

SWEPT DATA ON DPX-18G26R5G40G
- K BAND RESPONSE VSWR = 1.93:1
- REJECTION 64.78dB @ 32GHz
- Ka BAND RESPONSE VSWR = 2.38:1
- REJECTION 69.33dB @ 22GHz

18GHz to 26.5GHz
HIGH PASS FILTER
PMI MODEL No: HPF18G-DC15G
- INSERTION LOSS @ 18.0GHz = 0.66dB
- INSERTION LOSS @ 26.5GHz = 0.43dB
- RETURN LOSS 13.67dB or VSWR = 1.53:1
- REJECTION @ 15GHz = 65.84dB

SWEPT DATA ON HPF18G-DC15G

DC to 26.5GHz
LOW PASS FILTER
PMI MODEL No: LPF26R5-28R5G40G
- INSERTION LOSS @ 26.5GHz 1.16dB
- RETURN LOSS 9.30dB or VSWR = 2.04:1
- REJECTION @ 28GHz 20.88dB

SWEPT DATA ON LPF26R5-28R5G40G

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Hermetic Sealing, High Reliability to Mil-Std-883, Small Quantity Requirements accepted & we offer Custom Designs too.