

DESCRIPTION:

PMI model number DP1840-29G-CD-1 is a Duplexer filter with 2.92mm (K) male connectors connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

SPECIFICATIONS:

- FREQUENCY: · · · · · 18 - 40 GHz
- CROSS OVER FREQUENCY: · · · · · 29 GHz
- CROSS OVER LOSS: · · · · · 5.5dB Max.
- PASSBAND FREQUENCY: · · · · · 18 - 27.84 GHz &
30.16 - 40 GHz
- INSERTION LOSS: · · · · · 1.5dB Max. over 18 - 27.84 GHz
2dB Max. over 30.16 - 40 GHz
- VSWR: · · · · · 2.0:1 MAX.
- STOP BAND FREQUENCY: · · · · · DC - 6 GHz & 31.03 - 40 GHz & DC - 26.2 GHz
- STOP BAN REJECTION: · · · · · 50dB Min.
- CONNECTORS: · · · · · 2.92mm (K) MALE CONNECTORS
- SIZE · · · · · 1.25" (L) x 0.600" (W) x 0.500" (H)
- WEIGHT · · · · · 1 OZ. TYP.

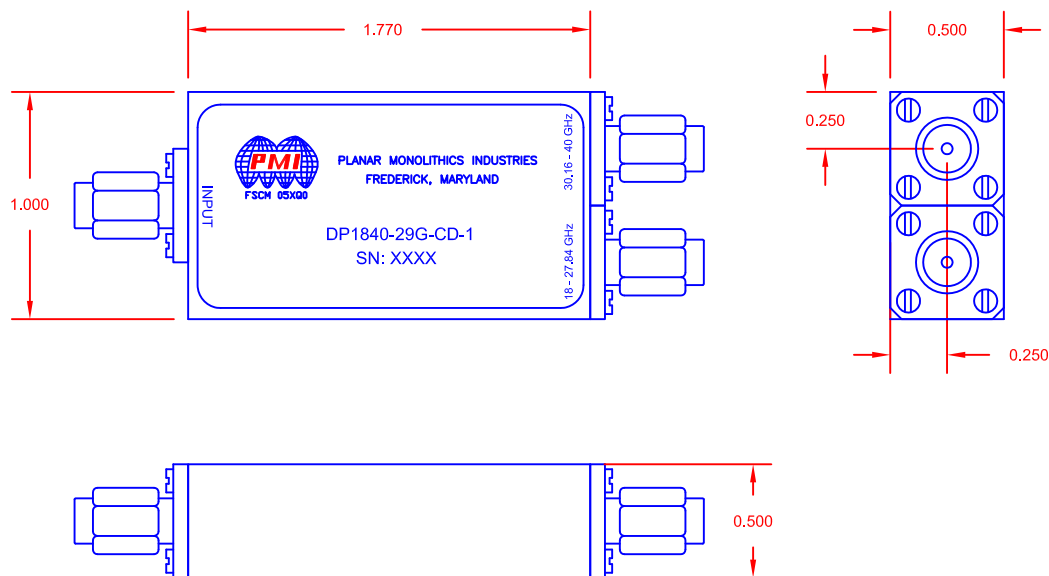
ENVIRONMENTAL RATINGS:

- TEMPERATURE: · · · · · -40°C TO +70°C (OPERATING)
-65°C TO +125°C (STORAGE)
- 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
- SALT FOG: · · · · · MIL-STD-202F, METHOD 107D COND. A
- FUNGUS: · · · · · MIL-STD-810C, METHOD 508.2
- TEMPERATURE CYCLE: · · · · · MIL-STD-202F, METHOD 107

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	6/22/12	



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APPROVALS		DATE	TITLE DP1840-29G-CD-1 OUTLINE		
DRAWN S.PALACIO		6-22-12			
CHECKED			SIZE FSCM NO. DWG NO. REV. A 05XQ0 TBD A		
ISSUED					
			SCALE N/S SHEET 1 of 1		