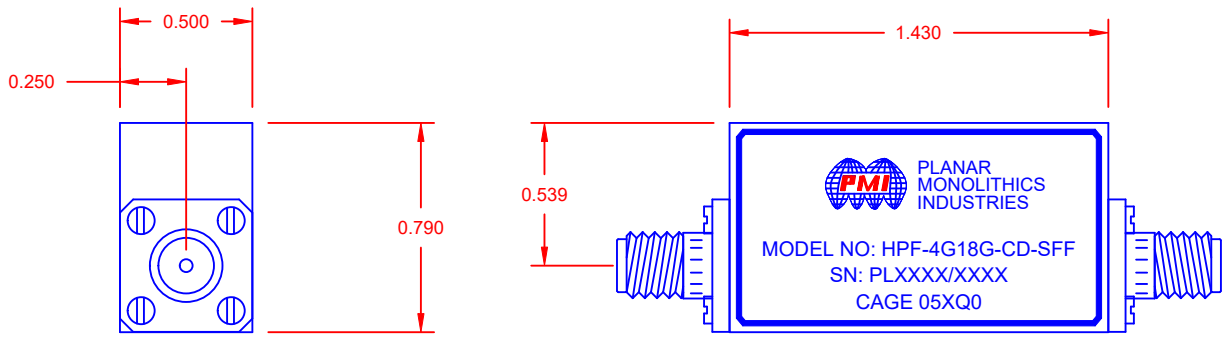
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	9/2/10	
	A1	ECN # 18-0089	4/11/18	

DESCRIPTION:

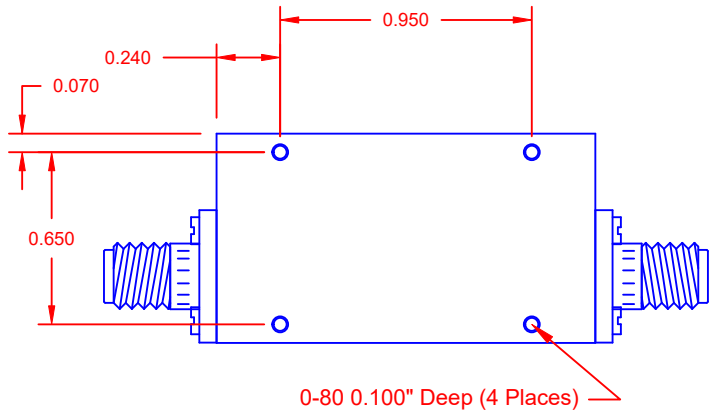
PMI model number HPF-4G18G-CD-SS is a High-Pass filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

SPECIFICATIONS:

- PASSBAND · · · · · · · 6 GHz TO 18 GHz
- 3dB CUTOFF · · · · · · 5.5 GHz
- VSWR IN THE PASS BAND: · · · 2.0:1 MAX.
- INSERTION LOSS (PASSBAND) · · 1.5 dB MAX.
- REJECTION FROM 1 to 2 GHz: · · -60 dB



- CONNECTORS: · · · · · · SMA FEMALE CONNECTORS
- SIZE · · · · · · · · · 1.43" (L) x 0.79" (W) x 0.50" (H)
- WEIGHT · · · · · · · · 1 OZ. TYP.
- FINISH · · · · · · · · PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE: · · · -55°C TO +85°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

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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO.	
APPROVALS	DATE
DRAWN S PALACIO	9/2/10
CHECKED	
ISSUED	

PLANAR MONOLITHICS INDUSTRIES
FREDERICK, MARYLAND

TITLE
OUTLINE DRAWING
HPF-4G18G-CD-SFF

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	27010324	A1

SCALE N/A SHEET 1 OF 1