

DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER
LM-218-14-200W-SMF-OPT1114 IS A HIGH POWER LIMITER THAT
WORKS FROM 11.0 TO 14.0 GHz

SPECIFICATIONS:

- FREQUENCY: 11.0 TO 14.0 GHz
- INPUT POWER: 20 WATTS (43 dBm)
- PULSE WIDTH: 1 ms
- DUTY CYCLE: 20%
- FLAT LEAKAGE: 7 dBm TYPICAL
- CONNECTORS: SMA MALE / SMA FEMALE
- SIZE: 0.75 X 1.00 X .300 (H)
- WEIGHT: 1.5 OZ. TYPICAL
- FINISH: PAINTED BLUE

ENVIRONMENTAL RATINGS

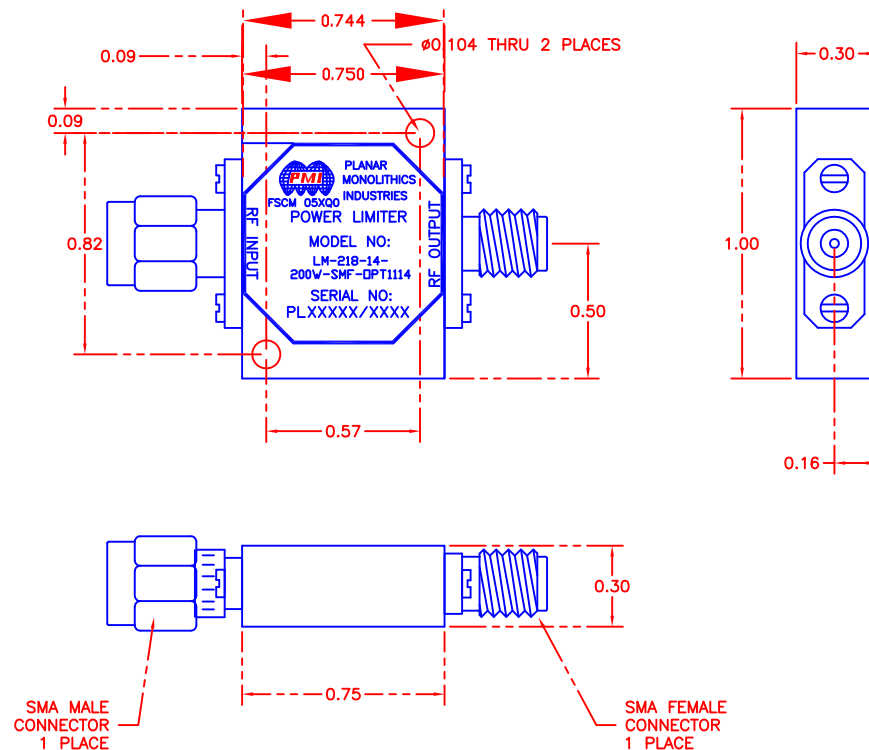
- TEMPERATURE: -40°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- THERMAL SHOCK: MIL-STD-202F, METHOD 107D COND. A
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SALT SPRAY: MIL-STD-202F, METHOD 101D+EST, COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. C
- FUNGUS: MIL-STD-810F, METHOD 508.5

DESIGNED TO MEET ALL ENVIRONMENTAL CONDITIONS. ACTUAL TESTING AVAILABLE FOR AN ADDITIONAL CHARGE.

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	—	PRELIMINARY	09/08/16



M/N = MANUFACTURER PART NUMBER
O/N = OPTION NUMBER
S/N = SERIAL NUMBER

PMI CONFIDENTIAL AND PROPRIETARY

PART NO.		PMI		PLANAR MONOLITHICS INDUSTRIES FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE			
DRAWN EMF	9/8/16	PRODUCT FEATURE LM-218-14-200W-SMF-OPT1114 HIGH POWER LIMITER			
CHECKED					
ISSUED					
		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. —
		SCALE N:S			SHEET 1 of 1