

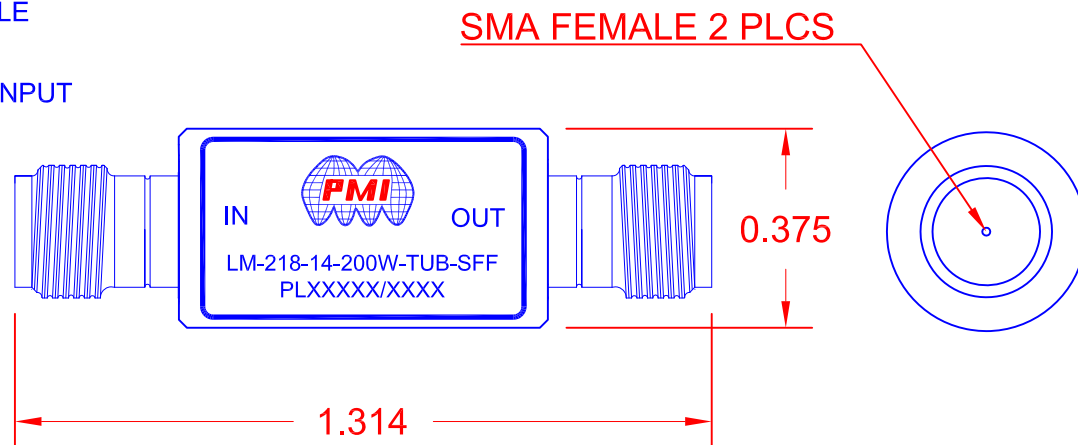
DESCRIPTION:

PMI MODEL NO: LM-218-14-200W-TUB-SFF IS A HIGH POWER LIMITER THAT OPERATES FROM 2.0 TO 18.0 GHz AND HANDLES 200 WATTS PEAK POWER WITH PULSE WIDTHS OF 1 μ s AND 0.1% DUTY CYCLE OR 1 WATT CW. THIS MODEL OFFERS LOW LOSS OF 2 dB MAXIMUM, FAST RECOVERY OF LESS THAN 100 ns.

SPECIFICATIONS:

- FREQUENCY:..... 2 GHz TO 18 GHz
- INSERTION LOSS:..... 2.0 dB MAXIMUM
- PEAK POWER:..... 200 WATTS, 1 μ s & 0.1% DUTY CYCLE
1 WATT CW AVERAGE
- LEAKAGE POWER:..... +14 dBm MAXIMUM @ 1 WATT CW INPUT
- LOW LIMITING THRESHOLD:..... +6 dBm TYPICAL
- RECOVERY TIME:..... 100 ns MAXIMUM @ Pin = 27 dBm
- VSWR:..... 2.0:1 MAXIMUM
- CONNECTORS:..... SMA FEMALE
- SIZE:..... 1.314" (L) x Ø0.375"
- WEIGHT:..... LESS THAN 1.5 OZ. TYPICAL

MECHANICAL OUTLINE



ENVIRONMENTAL RATINGS

- TEMPERATURE:..... -55°C TO +125°C (OPERATING) POWER HANDLING DERATED BY 20% @ +125 C
-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 204B COND. B
- ALTITUDE:..... MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202F, METHOD 107D COND. A

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



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	1/25/16

APPROVALS		DATE		TITLE			
DRAWN		M. Berry		1/25/16		PRODUCT FEATURE	
CHECKED						LM-218-14-200W-TUB-SFF	
ISSUED							
SIZE		FSCM NO.		DWG NO.		REV.	
A		05XQ0		PRELIMINARY		-	
SCALE		N:S		SHEET		1 OF 1	