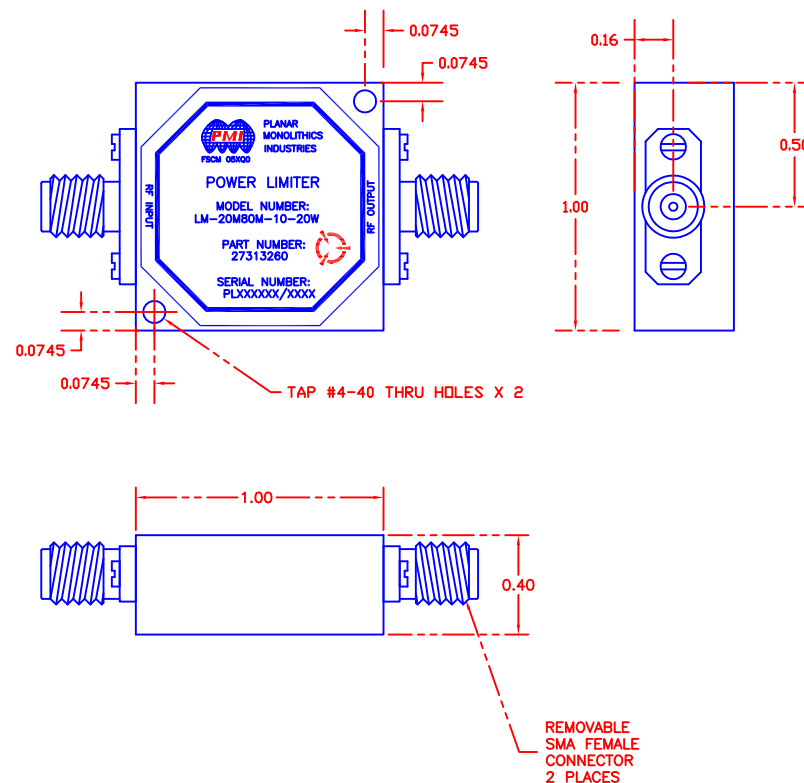
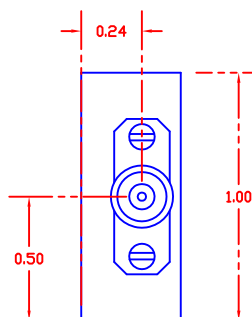


DESCRIPTION:

THE MODEL LM-20M80M-10-20W IS A HIGH POWER LIMITER WITH AN INPUT POWER LEVEL OF 20 WATTS, INSERTION LOSS OF 1.5 dB MAXIMUM (0.5 dB TYPICAL), VSWR OF 1.5:1 TYPICAL AND 1 μ SEC RECOVERY TIME PACKAGED IN A SMALL 1.00" x 1.00" x 0.40" HOUSING.

SPECIFICATIONS:

- FREQUENCY:..... 25 MHz TO 80 MHz
- INSERTION LOSS:..... 1.5 dB MAXIMUM (0.5 dB TYPICAL)
- VSWR:..... 2.0:1 MAXIMUM (1.5:1 TYPICAL)
- INPUT POWER LEVEL:
 - CW IN-BAND:..... 5 TO 10 WATTS
 - CW OUT OF BAND:..... 20 WATTS MAXIMUM
- OUTPUT LIMITING:..... +15 dBm MAXIMUM (+10 dBm TYPICAL)
- RECOVERY TIME:..... 1 μ SEC MAXIMUM
- PULSE WIDTH:..... 2 μ SEC , 9 kHz REP RATE
- SIZE:..... 1.00 X 1.00 X 0.40 (H)
- WEIGHT:..... 1 OUNCE
- FINISH:..... GRAY EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.



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 204B COND. B
- ALTITUDE:..... MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202F, METHOD 107D COND. A

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

PMI CONFIDENTIAL AND PROPRIETARY

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WEBSITE: www.pmi-rf.com
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ISO 9001 CERTIFIED



NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION
SPECIFICATIONS MAY VARY OVER TEMPERATURE

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX $\pm$ 0.020
X.XXX $\pm$ 0.010

APPROVALS		DATE		TITLE		REV.	
DRAWN		6/28/10		PRODUCT FEATURE		A2	
CHECKED				LM-20M80M-10-20W			
ISSUED							
SIZE		FSCM NO.		DWG NO.			
A		05XQ0		27013261			
SCALE		N:S		SHEET		1 OF 1	