

DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER
LM-161605-10W1-HPR IS A HIGH POWER LIMITER THAT WORKS
FROM 16 GHz TO 16.5 GHz THAT HANDLES 40 WATTS PEAK POWER
WITH A PULSE WIDTH OF 15 us.

SPECIFICATIONS:

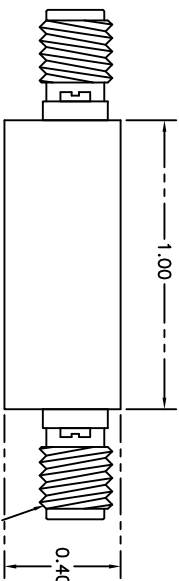
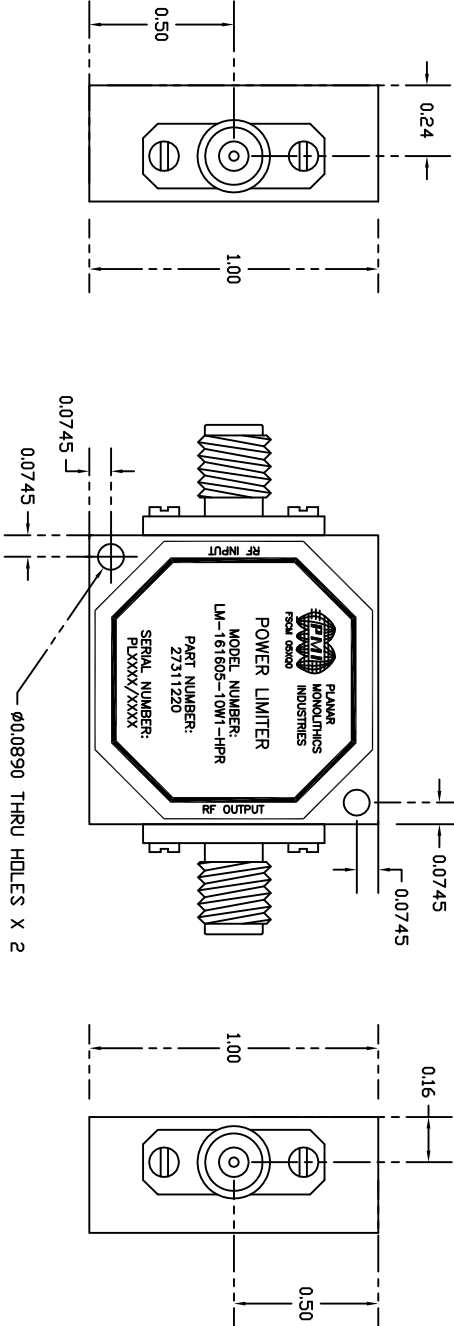
- FREQUENCY:..... 16.0 TO 16.5 GHz
- INSERTION LOSS:..... 1.5 dB MAXIMUM
- VSWR: (IN/OUT)..... 17dB TYP
- RF INPUT POWER..... 160W Peak, 40W Average
- PULSE WIDTH:..... 15 us
- DUTY CYCLE:..... 25%
- RF LEAKAGE:..... 13 dBm MAXIMUM
- LIMITING THRESHOLD:..... +5 dBm TYPICAL
- RECOVERY TIME:..... 1 us
- CONNECTORS: SMA FEMALE (INPUT AND OUTPUT)
- SIZE:..... 1.00" X 1.00" X 0.400"
- WEIGHT: 1.5 OZ
- FINISH: PAINTED GRAY

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

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

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	ORIGINAL RELEASE	9/28/09
	B	Updated Mechanical Layout	12/16/09
	C	Updated Specs	11/4/11



SMA FEMALE
CONNECTOR
2 PLACES

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

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ISO 9001:2008 CERTIFIED



APPROVALS		DATE		TITLE			
DRAWN		12/16/09		PRODUCT FEATURE			
CHECKED				LM-161605-10W1-HPR			
ISSUED				16 - 16.5 HIGH POWER LIMITER			
				SIZE		DWG NO.	
				A		27011224	
				SCALE		SHEET	
				N:S		1 OF 1	

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