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: GRAY EPOXY POLIMIDE COATING IAW MIL-C-22750,
  TYPE I OVER EPOXY POLIMIDE PRIMER
  IAW MIL-P-23377, TYPE 1, 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

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