DESCRIPTION:
PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER LM-17G18G-10-350W-SFF-VF IS A HIGH POWER LIMITER THAT WORKS FROM 17.0 GHz TO 18.0 GHz THAT HANDLES 350 WATTS PEAK POWER HAVING A PULSE WIDTH OF 20uSEC AND A DUTY CYCLE OF 6%. THE LEAKAGE POWER IS +10dBm TYPICAL. THIS MODEL CONTAINS AN INTERNAL VIDEO FILTER THAT PROVIDES OVER 50dB OF REJECTION AT FREQUENCIES BELOW 2GHz.

SPECIFICATIONS:

- FREQUENCY: 17.0 TO 18.0 GHz
- INSERTION LOSS: 3.0 dB (TYPICAL)
- PEAK POWER: 350 WATTS, 20usec PW, 6% DC
- LEAKAGE POWER: +10 dBm TYPICAL
- RESPONSE TIME: 3 uSEC Max.
- VIDEO FILTER: -50dB REJECTION MIN. BELOW 2GHz
- CONNECTORS: SMA FEMALE (INPUT AND OUTPUT)
- SIZE: 1.00 X 1.00 X .500 (H)
- WEIGHT: 1.5 OZ. TYPICAL

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.