DESCRIPTION:
PLANAR MONOLITHICS INDUSTRIES MODEL LM–30M3G–C3–1 IS A HIGH POWER LIMITER THAT WORKS FROM 30MHz TO 3GHz. THIS LIMITER HANDLES 5 WATTS CW WITH A LEAKAGE POWER OF +10 dBm TYP..

SPECIFICATIONS:
• FREQUENCY: 30MHz TO 3GHz
• INSERTION LOSS: 1.2 dB (MAX.)
• PEAK POWER: 5 WATTS CW @ +25 C
• LEAKAGE POWER: +10 dBm TYP.
• RECOVERY TIME: 1us MAX.
• VSWR: 1.5:1 (MAX.)
• DC BLOCKING: INPUT AND OUTPUT
• CONNECTORS: 2.92mm (M) Input and 2.92mm (F) Output
• SIZE: 1.314 (LENGTH) X .375 (DIAMETER)
• WEIGHT: <1 OZ. TYPICAL

ENVIRONMENTAL RATINGS
• TEMPERATURE: -55°C TO +125°C (OPERATING) DERATE POWER HANDLING TO ZERO @ +125°C (STORAGE)
• HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
• SHOCK: MIL-STD-202F, METHOD 213B COND. B
• VIBRATION: MIL-STD-202F, METHOD 2048 COND. B
• ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
• TEMPERATURE CYCLE: MIL-STD-202F, METHOD 1070 COND. A

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCE: X.XX ±0.020
XX.XX ±0.010