DESCRIPTION:
PLANAR MONOLITHICS INDUSTRIES MODEL LM-1M500M-C3-1 IS A HIGH POWER LIMITER THAT WORKS FROM 1MHz TO 500 MHz. IT HANDLES 100 WATTS PEAK POWER HAVING A PULSE WIDTH OF 1µSEC AND A DUTY CYCLE OF 1% OR 2 WATTS CW. THE LEAKAGE POWER IS +13.5 dBm MAXIMUM.

SPECIFICATIONS:
- FREQUENCY: 1 TO 500 MHz
- INSERTION LOSS: 0.9 dB (MAX.)
- PEAK POWER: 100 WATTS, 1 µsec PULSE WIDTH, 1% DUTY CYCLE OR 2 WATTS CW @ +25°C
- LEAKAGE POWER: +13.5 dBm MAX.
- VSWR: 1.5:1 (MAX.)
- DC BLOCKING: INPUT AND OUTPUT
- CONNECTORS: 2.92MM MALE INPUT AND FEMALE OUTPUT
- SIZE: 1.314 X .375 X .375
- WEIGHT: <1 OZ. TYPICAL

ENVIRONMENTAL RATINGS
- TEMPERATURE: -55°C TO +125°C (OPERATING) DERATE POWER HANDLING TO ZERO @ +125°C
- 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

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