DESCRIPTION:
PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER
LM-0518-10-1W-SHS-2-F IS A HIGH POWER LIMITER THAT
OPERATES FROM 500 MHZ TO 18 GHZ THAT HANDLES 100 WATTS
PEAK POWER WITH A PULSE WIDTH OF 1 US.

SPECIFICATIONS:

- FREQUENCY: 500 MHz to 18 GHz
- INSERTION LOSS:
  @-20 dBm: 2.0 dB (Max) 1.5 dB (Typ)
- VSWR:
  @-20 dBm: 2.0:1 (MAX) 1.5:1 (Typ)
- LEAKAGE @ 1 WATT
  CW IMMUNE: +14 dBm (Max) +10 dBm (Typ)
- PEAK POWER: 100 WATTS
- PULSE WIDTH: 1 us
- DUTY CYCLE: 0.1%
- CONNECTOR (INPUT): SMA FEMALE
- CONNECTOR (OUTPUT): SMA FEMALE
- SIZE: 1.00 X 1.00 X 0.40 (H)
- WEIGHT: 1.5 OZ. MAXIMUM
- FINISH: PAINTED BLUE

ENVIRONMENTAL RATINGS:

- TEMPERATURE:
  -54°C TO +85°C (OPERATING)
  -65°C TO +100°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

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