DESCRIPTION
PMI MODEL: P8T-0R120G-110-T-512-SFF IS A SINGLE POLE EIGHT THROW, ABSORPTIVE/NON-REFLECTIVE SWITCH MODULE WITH LOW INSERTION LOSS, VERY HIGH ISOLATION AND WITH INTEGRAL TTL DRIVER DESIGNED FOR 0.1 GHZ TO 20 GHZ OPERATION.

SPECIFICATIONS
- FREQUENCY RANGE: 0.1 GHz TO 20 GHz
- INSERTION LOSS: 6 dB MAXIMUM
- ISOLATION: 110 dB MINIMUM
- VSWR: ABSORPTIVE IN/OUT: 2.0:1 MAXIMUM
  ABSORPTIVE OUT/OFF: 2.0:1 MAXIMUM
- SPEED: RISE: 500ns MAXIMUM, 300ns TYPICAL
  FALL: 500ns MAXIMUM, 300ns TYPICAL
- RF POWER: +30 dBm (1 WATT)
- CONTROL: TTL LOGIC "0" = ON "1" = OFF
- POWER SUPPLY: + 5VDC @ 500 mA MAXIMUM
  -12VDC @ 100 mA MAXIMUM
- RF PHASE TRACKING: 0.2 DEGREES PER DEGREE C
  ALL PORTS WITH RESPECT TO COMMON WITH TEMPERATURE
- SIZE: Ø1.500 CIRCLE POINT TO POINT X 0.700 (H)
- WEIGHT: 2.5 OUNCES TYPICAL
- FINISH: PAINTED BLUE

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 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107G COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

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PRODUCT FEATURE
P8T-0R120G-110-T-512-SFF

PMI CONFIDENTIAL AND PROPRIETARY

A1
ORIGINAL RELEASE
05/30/14
A2
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