

DESCRIPTION

PMI MODEL P1T-500M40G-55-T-292FF IS AN ABSORPTIVE, HIGH SPEED, SINGLE POLE SINGLE THROW SWITCH CAPABLE OF SWITCHING WITHIN 100 ns. THE FREQUENCY RANGE IS 500 MHz TO 40 GHz. THIS SWITCH HAS > 55 dB ISOLATION.

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE:.....500 MHz TO 40 GHz
- ISOLATION:.....55dB MIN
- INSERTION LOSS:.....5.5 dB MAX
- VSWR IN / OUT:.....2.5:1 TYP
- INPUT POWER:.....+20 dBm CW MAX
- RF SWITCHING SPEED:.....100 ns MAX
(10% TO 90% RF)
- DC VOLTAGE:.....±5 V
- CONTROL SIGNAL:.....TTL COMPATIBLE
0 VDC ON
+5 VDC OFF
- CONNECTORS IN/OUT:.....2.92 mm (F)
- SIZE:.....(L) 1.0" X (W) 1.0" X (H) 0.5"
- FINISH:.....PAINTED GRAY

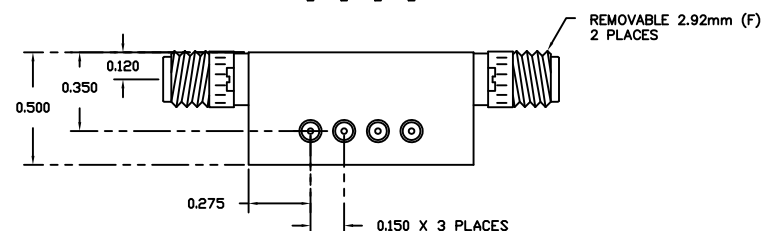
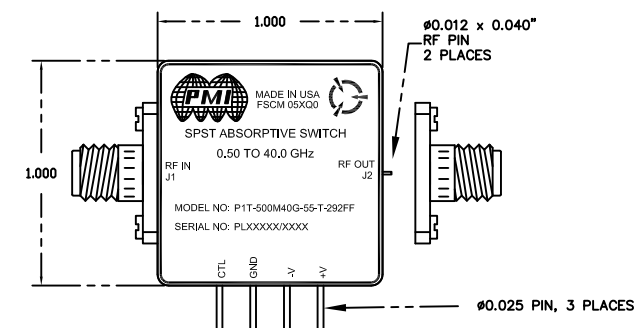
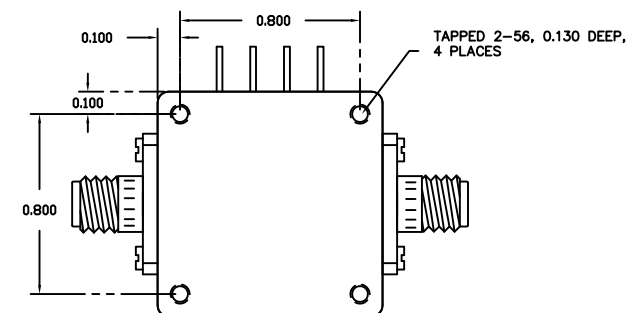
ENVIRONMENTAL RATINGS

- **TEMPERATURE:**.....-40°C TO +85°C (OPERATING)
.....-55°C TO +125°C (STORAGE)

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 ±0.010
X.XXX ±0.005

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A1	ORIGINAL RELEASE	8/21/13
			APPROVED



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001:2008 CERTIFIED



APPROVALS		DATE		TITLE			
DRAWN		ZIR		4/26/12		PRODUCT FEATURE	
CHECKED						P1T-500M40G-55-T-292FF	
ISSUED							
SIZE		FSCM NO.		DWG NO.		REV.	
A		05XQ0		27016580		A1	
SCALE		N: S		SHEET		1 OF 1	