

DESCRIPTION

THE MODEL P8T-10G31G-80-T-55-292FF IS A HIGH SPEED, SINGLE POLE, EIGHT THROW, ABSORPTIVE SWITCH CAPABLE OF SWITCHING WITHIN 50ns. THE FREQUENCY RANGE IS 10.0 TO 31.0 GHz AND THIS SWITCH HAS OVER 80dB OF ISOLATION.

SPECIFICATIONS

- FREQUENCY RANGE: 10.0 TO 31.0 GHz
- ISOLATION: 80dB MIN
- INSERTION LOSS: 9dB MAX
- VSWR IN/OUT: 2.0:1 MIN
- OPERATING INPUT POWER: +20dBm CW
- SWITCHING SPEED: 50 ns TYP.
- DC VOLTAGE AND CURRENT: +5VDC @ 200mA
-5VDC @ 50mA
- CONTROL SIGNAL: EIGHT LINE TTL
 - E1 CONTROLS J1-J2
 - E2 CONTROLS J1-J3
 - E3 CONTROLS J1-J4
 - E4 CONTROLS J1-J5
 - E5 CONTROLS J1-J6
 - E6 CONTROLS J1-J7
 - E7 CONTROLS J1-J8
 - E8 CONTROLS J1-J9
- "0" ISOLATION
- "1" INSERTION LOSS
- CONNECTORS: 2.92mm (F) REMOVABLE
- FINISH: PAINTED BLUE

● SIZE: 4.0" X 1.5" X 0.4"

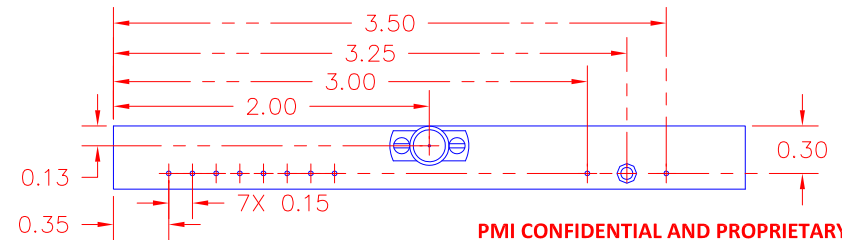
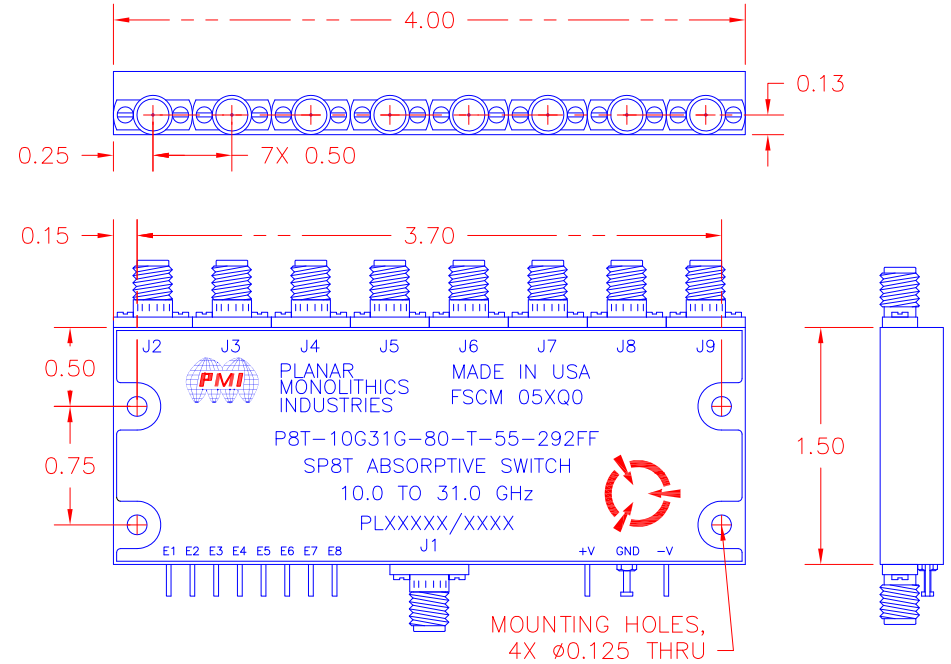
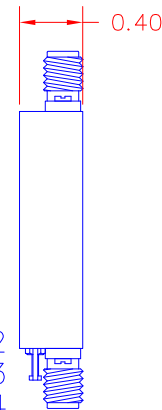
ENVIRONMENTAL RATINGS

- 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 ±0.020
X.XXX ±0.010
WEIGHT: 2.75 oz.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	11/29/22	



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APPROVALS		DATE	TITLE		
DRAWN AF		11/29/22	PRODUCT FEATURE		
CHECKED			P8T-10G31G-80-T-55-292FF		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	05XQ0	PRELIMINARY
			SCALE	SHEET 1 OF 1	
			N:S		