

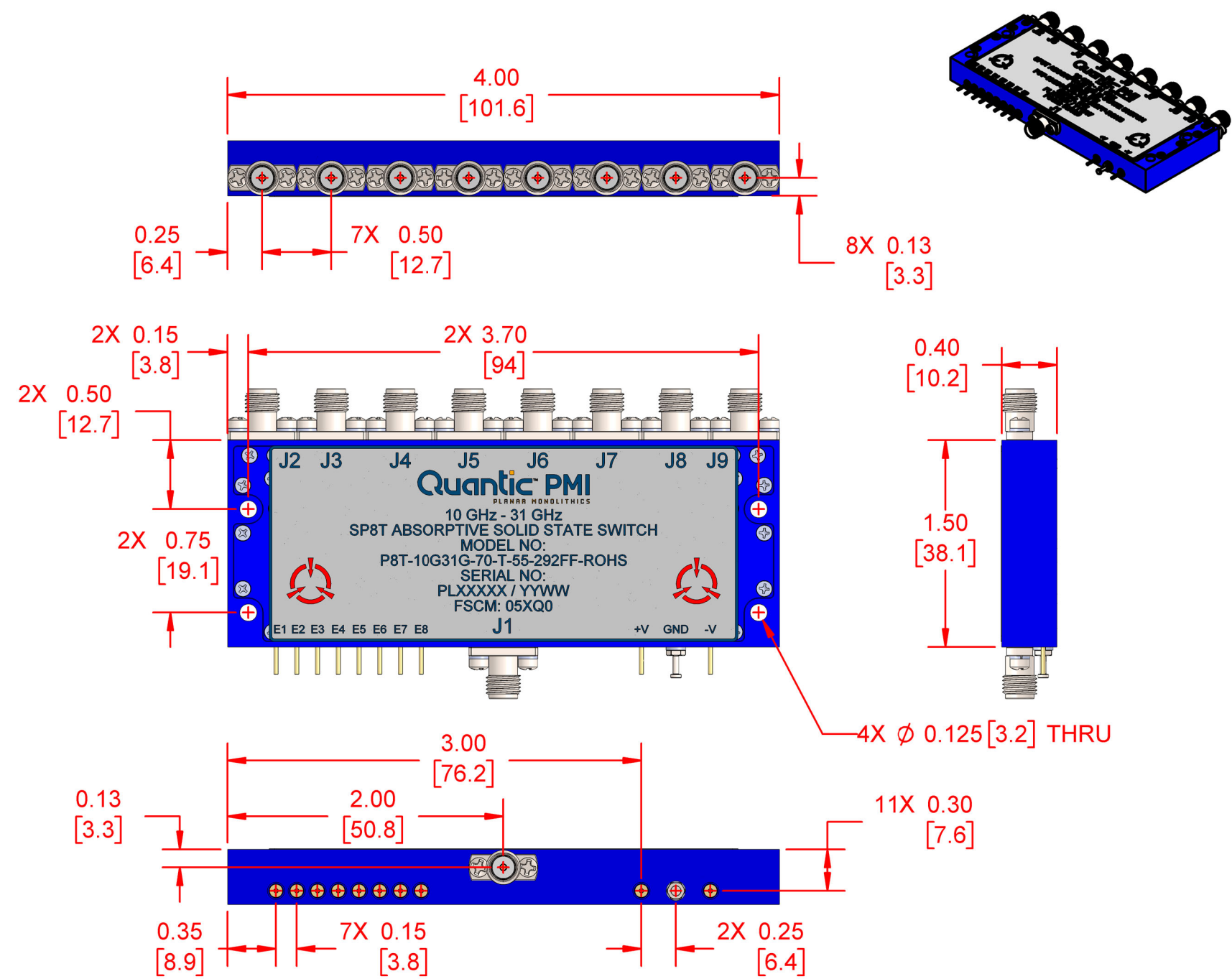
DESCRIPTION:

PMI MODEL NUMBER P8T-10G31G-70-T-55-292FF-ROHS IS A HIGH SPEED, SINGLE POLE, EIGHT THROW, ABSORPTIVE SWITCH CAPABLE OF SWITCHING WITHIN 50ns. THE FREQUENCY RANGE IS 10.0 GHz TO 31.0 GHz AND THIS SWITCH HAS OVER 70 dB OF ISOLATION. THIS PRODUCT IS ROHS AND REACH COMPLIANT.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	3/7/2023	

SPECIFICATIONS:

- FREQUENCY RANGE:..... 10.0 TO 31.0 GHz
- ISOLATION:..... 70 dB MIN
- INSERTION LOSS:..... 8 dB MAX
- VSWR (IN/OUT):..... 2.0:1 MAX
- OPERATING POWER :..... +20 dBm CW
- SWITCHING SPEED:..... 50 ns TYP
- DC VOLTAGE AND CURRENT :..... +5 V @ 250 mA
-5 V @ 100 mA
- 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:..... 2.92 mm (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 TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

APPROVALS DRAWN M. HANKEN REDRAWN ISSUED		DATE		TITLE OUTLINE P8T-10G31G-70-T-55-292FF-ROHS	
		3/7/2023			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01		SIZE	FSCM NO.	DWG NO.	REV.
		B	05XQ0	27045620	A1
		SCALE 1:1		SHEET 1 OF 1	

Quantic PMI
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