

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	7/17/2023	

DESCRIPTION:

PMI MODEL NUMBER P4T-218-60-R-2W-SFF IS A SINGLE POLE, FOUR THROW REFLECTIVE SWITCH DESIGNED TO OPERATE OVER THE 2 GHz TO 18 GHz FREQUENCY RANGE. THIS MODEL IS DESIGNED TO MAINTAIN LOW INSERTION LOSS, HIGH ISOLATION, FAST SWITCHING SPEED, AND 2 WATT PEAK POWER HANDLING.

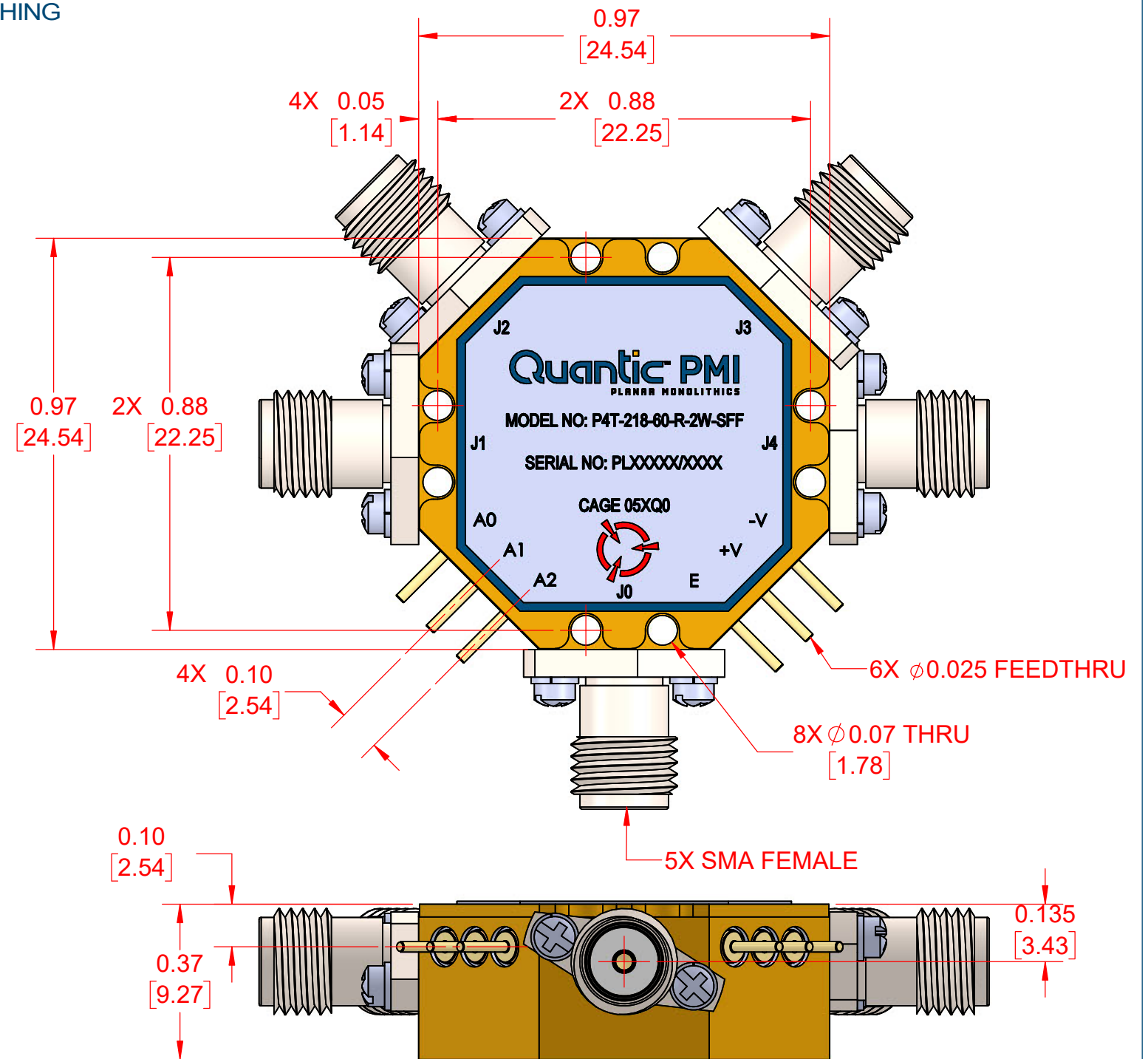
SPECIFICATIONS:

- FREQUENCY RANGE:..... 2 TO 18 GHz
- INSERTION LOSS:..... 3.2dB MAXIMUM
- ISOLATION:..... 60dB MINIMUM
- VSWR:..... 2.0:1 MAXIMUM
- SPEED:..... 100ns MAXIMUM
- CONTROL:..... TTL LOGIC
- POWER INPUT (OPERATING):..... 1W CW MAXIMUM, 2W PEAK MAXIMUM
- POWER SUPPLY :..... +5V TO +15V @ 95mA NOMINAL
-5V TO -15V @ 65mA NOMINAL
- RF CONNECTORS:..... SMA FEMALE
- DC CONNECTORS:..... SOLDER PINS
- FINISH:..... GOLD PLATED

A0	A1	A2	E	J0-J1	J0-J2	J0-J3	J0-J4
1	0	0	1	I.L.	ISO	ISO	ISO
0	1	0	1	ISO	I.L.	ISO	ISO
0	0	1	1	ISO	ISO	I.L.	ISO
1	0	1	1	ISO	ISO	ISO	I.L.
X	X	X	0	ISO	ISO	ISO	ISO

ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -40°C TO +85°C (OPERATING)
-55°C TO +125°C (STORAGE)
- HUMIDITY:..... MIL-STD-202, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202, METHOD 213B COND. B
- VIBRATION:..... MIL-STD-202, METHOD 204D COND. B
- ALTITUDE:..... MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202, METHOD 107D COND. A



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

PMI CONFIDENTIAL AND PROPRIETARY

<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± ± .XXX ± 0.01</p>		<p>APPROVALS DATE DRAWN S AZHAR 7/17/2023 REDRAWN ISSUED</p>		<p>7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 662-5019, FAX: (301) 662-1731 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED</p>	
		<p>TITLE OUTLINE P4T-218-60-R-2W-SFF</p>		<p>SIZE FSCM NO. DWG NO. REV. B 05XQ0 27046680 A1</p>	
		<p>SCALE 3:1</p>		<p>SHEET 1 OF 1</p>	