ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	10/12/26	

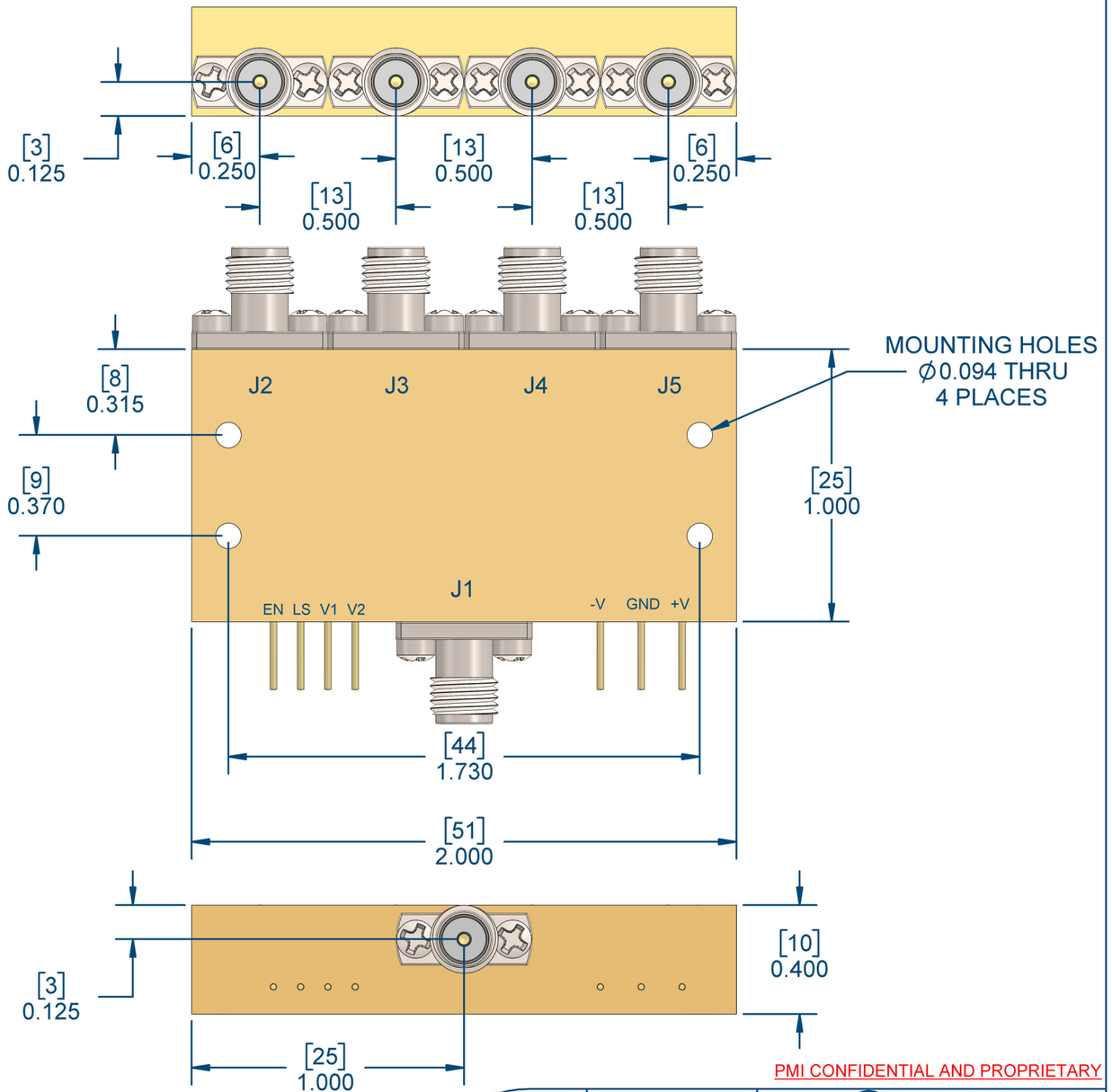
DESCRIPTION:

PMI MODEL P4T-9D5G10D2G-40-T-SFF IS A 9.5 TO 10.2 GHz, ABSORPTIVE, SP4T SWITCH FEATURING 40 dB ISOLATION, 2 dB INSERTION LOSS, AND ns SWITCHING SPEEDS.

SPECIFICATIONS:

- FREQUENCY RANGE: ——— 9.5 TO 10.2 GHz
- INSERTION LOSS: ——— 2 dB MAX
- VSWR: ——— 1.5:1 MAX
- ISOLATION: ——— 40 dB MIN
- INPUT POWER: ——— 33 dBm MAX (THROUGH PATH)
  18 dBm MAX (TERMINATED PATH)
  30 dBm MAX (HOT SWITCHING AT J1)
  18 dBm MAX (HOT SWITCHING AT J2 TO J5)
- RISE/FALL TIME: ——— 12 ns TYP
- ON/OFF TIME: ——— 55 ns TYP
- POWER SUPPLY : ——— +3.15 TO +3.45 VDC @ 0.155 mA TYP
  -3.15 TO -3.45 VDC @ 0.53 mA TYP
- CONTROL: ——— LOGIC "0" = 0 TO +0.8 VDC
  LOGIC "1" = +1.2 TO +3.3 VDC
- CONNECTORS: ——— SMA FEMALE
- FINISH: ——— GOLD PLATED

EN	LS	V1	V2	PATH
0	0	0	0	J1 – J2 ON
0	0	1	0	J1 – J3 ON
0	0	0	1	J1 – J4 ON
0	0	1	1	J1 – J5 ON
0	1	0	0	J1 – J5 ON
0	1	1	0	J1 – J4 ON
0	1	0	1	J1 – J3 ON
0	1	1	1	J1 – J2 ON
1	EITHER	EITHER	EITHER	ALL OFF



ENVIRONMENTAL RATINGS:

- TEMPERATURE: ——— -5°C TO +50°C (OPERATING)
  -25°C TO +60°C (STORAGE)

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

PMI CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS ± DECIMALS .XX ± 0.02 .XXX ± 0.01 ANGLES ±

APPROVALS	DATE
DRAWN AG	10/12/26
REDRAWN	
ISSUED	

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ISO 9001 CERTIFIED

TITLE: PRELIMINARY OUTLINE
P4T-9D5G10D2G-40-T-SFF

SIZE	FSCM NO.	DWG NO.	REV.
B	05XQ0	PRELIMINARY	-

SCALE 2:1 SHEET 1 OF 1