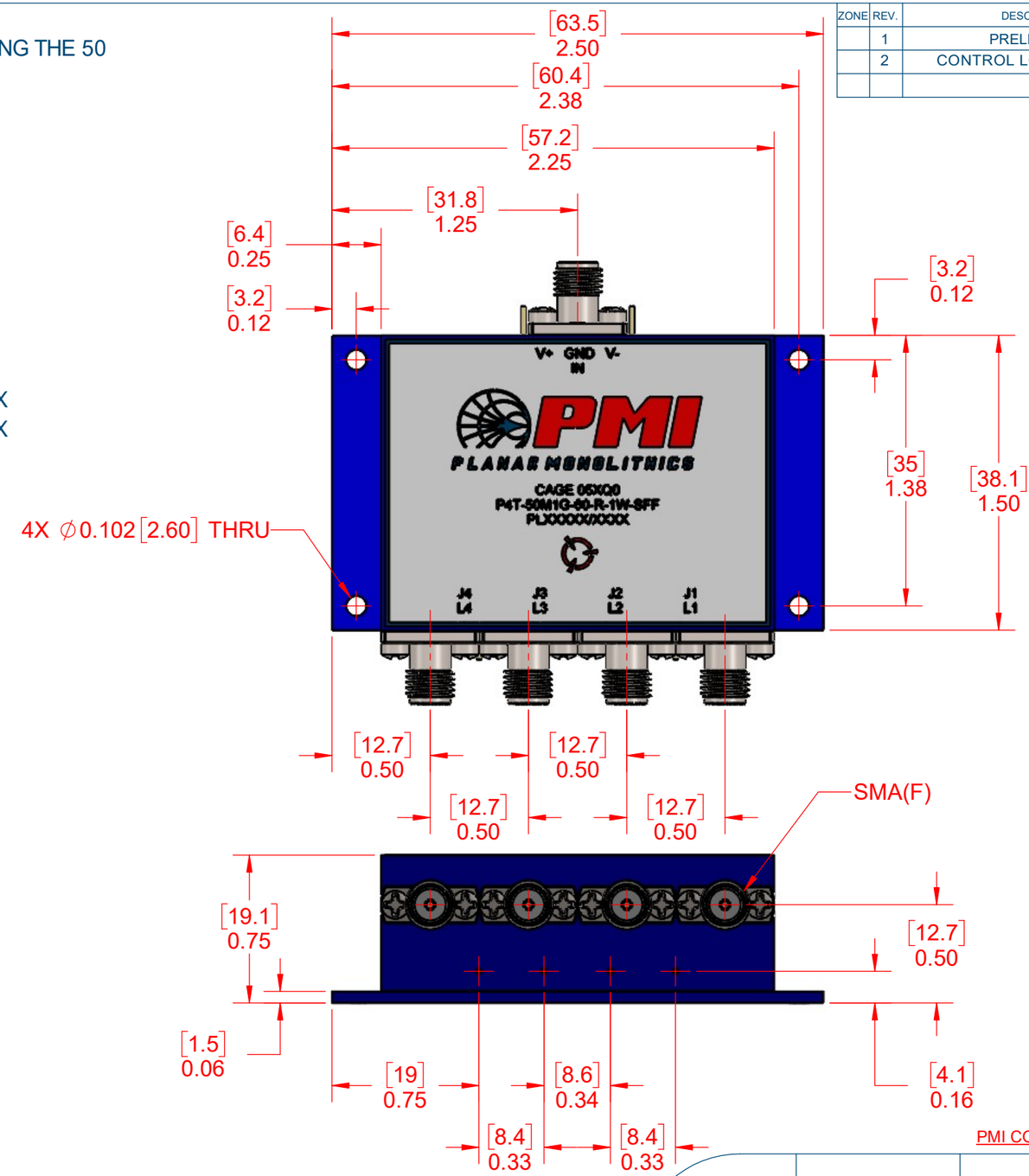
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	PRELIMINARY	02/15/2022	
	2	CONTROL LOGIC CHANGE	10/27/2026	

DESCRIPTION:

PMI MODEL P4T-50M1G-60-R-1W-SFF IS A REFLECTIVE 4-WAY SWITCH COVERING THE 50 MHz TO 1 GHz FREQUENCY RANGE.

SPECIFICATIONS:

- FREQUENCY: ——— 50 MHz to 1 GHz
- INSERTION LOSS: ——— 1 dB MAX
- VSWR(ON) : ——— 1.8:1 MAX
- ISOLATION: ——— 60 dB MIN
- CONTROL: ——— TTL "0" ISOLATION
  TTL "1" INSERTION LOSS
- SWITCHING SPEED: ——— (10% RF to 90% RF) — 50ns MAX
  (90% RF to 10% RF) — 50ns MAX
  (50% TTL to 90% RF) — 200ns MAX
  (50% TTL to 10% RF) — 150ns MAX
- RF INPUT POWER (SURVIVAL): ——— +30 dBm MAX
- POWER SUPPLY: ——— +5 V @ 225 mA MAX
  -15 V @ 75 mA MAX
- WEIGHT: ——— 100 g MAX
- RF CONNECTORS: ——— SMA (F)
- FINISH: ——— PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE: ——— -40°C TO +70°C (OPERATING)
  -40°C TO +70°C (STORAGE)
- HUMIDITY: ——— 95% RH (70°C) MAX
- VIBRATION: ——— 16Hz, 3mm/3G
- ALTITUDE: ——— 0-7000ft (0 TO 2134 m)

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 MDL	02/15/2022
REDRAWN	
ISSUED	

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ISO 9001 CERTIFIED

TITLE: PRODUCT FEATURE
P4T-50M1G-60-R-1W-SFF

SIZE	FSCM NO.	DWG NO.	REV.
B	05XQ0	PRELIMINARY	2

SCALE 1:1 SHEET 1 OF 1