

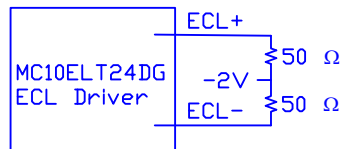
DESCRIPTION

PMI MODEL NUMBER P1T-2G6G-25-6NS-ECL IS AN ULTRA HIGH SPEED SINGLE POLE SINGLE THROW SWITCH COVERING 2 GHz TO 6 GHz. THE ISOLATION IS BETTER THAN 25 dB AND THE SWITCHING SPEED IS 6 ns USING EXTERNAL ECL CONTROLS. NO ADDITIONAL POWER SUPPLY IS REQUIRED.

SPECIFICATIONS

- FREQUENCY RANGE: _____ 2 TO 6 GHz
- INSERTION LOSS: _____ 5 dB MAX
- ISOLATION: _____ 25 dB MIN
- VSWR (IN/OUT): _____ 2:1 MAX
- SWITCHING SPEED: _____ 6 ns TYP
- CONTROL: _____ ECL CONTROL
ECL+ "1", ECL- "0" INSERTION LOSS
ECL+ "0", ECL- "1" ISOLATION

- RECOMMENDED DRIVER CIRCUIT: _____
MC10ELT24DG OR EQUIVALENT ECL DRIVER WITH 50 OHM TERMINATIONS TO -2V ON ECL+ AND ECL-
KEEP CONNECTIONS TO SWITCH SHORT



- CONNECTORS: _____ SMA (F) REMOVABLE
- SIZE _____ (L) 0.69" X (W) 0.70" X (H) 0.29"
EXCLUDING CONNECTORS
- FINISH _____ GOLD PLATED

ENVIRONMENTAL RATINGS

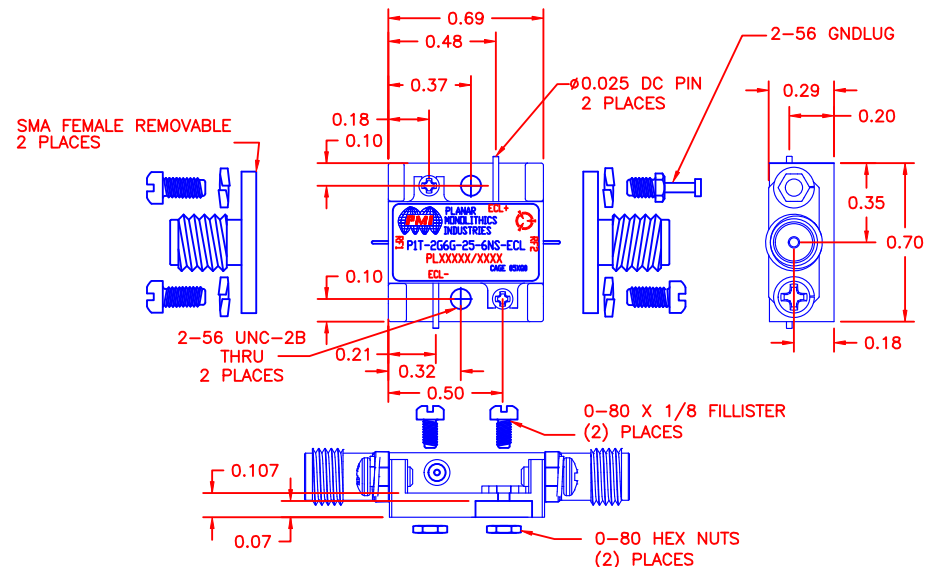
- TEMPERATURE: _____ -40°C TO +85°C (OPERATING)
-40°C TO +85°C (STORAGE)
- HUMIDITY: _____ MIL-STD-202F, METHOD 103B COND. B
- SHOCK: _____ MIL-STD-202F, METHOD 213B COND. B
- ALTITUDE: _____ MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: _____ MIL-STD-202F, METHOD 107D COND. A

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

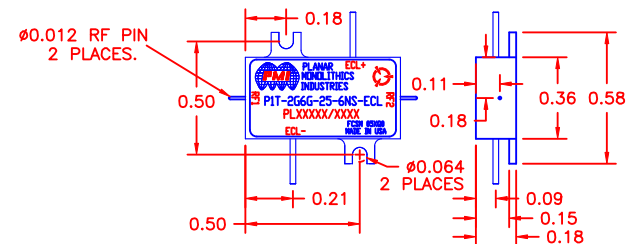
ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.02
X.XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	3/29/19	
	B1	ECN # 25-0081	3/17/25	

HOUSING WITH CARRIER



HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE		
DRAWN DPD		3/29/19	PRODUCT FEATURE P1T-2G6G-25-6NS-ECL		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27035639
ISSUED			SCALE N:S		REV. B1
				SHEET	1 OF 1