

DESCRIPTION:

PMI MODEL NUMBER PXS-2G18G-60-SFF IS A PIN DIODE TRANSFER SWITCH THAT OPERATES OVER THE 2.0 TO 18.0 GHZ FREQUENCY RANGE. THIS MODEL INCORPORATES A TTL COMPATIBLE DRIVER FOR EASY SYSTEM INTEGRATION. HERMETICALLY SEALED UNITS ARE AVAILABLE AS AN OPTION.

SPECIFICATIONS:

- FREQUENCY: 2.0 TO 18.0 GHz
- INSERTION LOSS: 3.0 dB MAXIMUM
- ISOLATION: 60 dB MINIMUM
- VSWR: 1.9:1 MAXIMUM
- SPEED: 100 ns MAXIMUM
- POWER INPUT: +20 dBm CW MAXIMUM
- CONTROL: TTL LOGIC - SEE TABLE
- POWER SUPPLY: +/-12 V @ 75 mA NOMINAL
- CONNECTORS: SMA FEMALE CONNECTORS
- POWER & CONTROL: EMI FILTERED SOLDER PINS
- SIZE: 1.0" L x 1.0"W x 0.5"H
- WEIGHT: 1.4 OUNCES TYPICAL
- FINISH: PAINTED BLUE

TTL LOGIC	INSERTION LOSS	ISOLATION
0	J1-J2 J3-J4	J1-J4 J2-J3
1	J1-J4 J2-J3	J1-J2 J3-J4

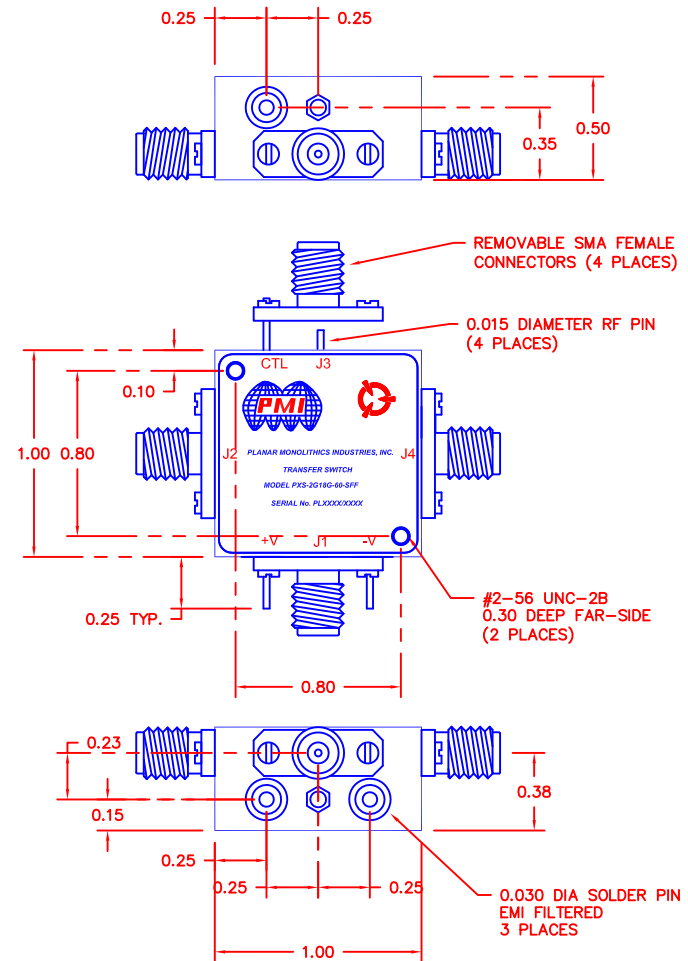
ENVIRONMENTAL RATINGS:

- TEMPERATURE: -45°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- SALT FOG: MIL-STD-202F, METHOD 107D COND. A
- FUNGUS: MIL-STD-810C, METHOD 508.2
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	9/26/17	



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APPROVALS		DATE	TITLE		
DRAWN <i>JPU</i>		2/10/17	PRODUCT FEATURE		
REDRAWN <i>EMF</i>		9/26/17	PXS-2G18G-60-SFF		
ISSUED			2.0 to 18.0GHz Transfer Switch		
SIZE	FSCM NO.	DWG NO.	REV.		
A	05XQ0	PRELIMINARY	-		
SCALE N:S		SHEET		1 OF 1	