

DESCRIPTION:

PMI MODEL NUMBER PXS-500M18G-60-SFF IS A PIN DIODE TRANSFER SWITCH THAT OPERATES OVER THE 500MHZ TO 18.0GHZ FREQUENCY RANGE. THIS MODEL INCORPORATES A TTL COMPATIBLE DRIVER FOR EASY SYSTEM INTEGRATION. HERMETICALLY SEALED UNITS ARE AVAILABLE AS AN OPTION.

SPECIFICATIONS:

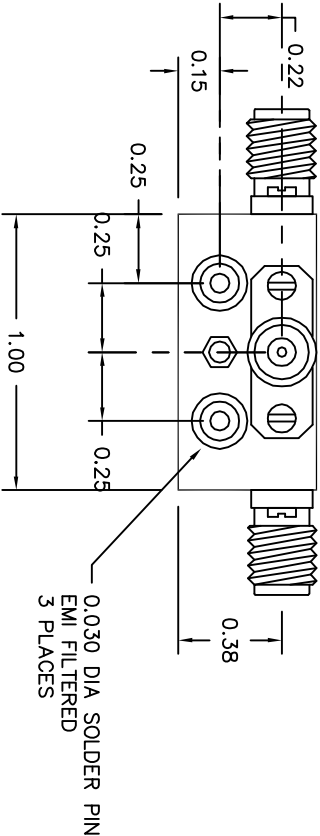
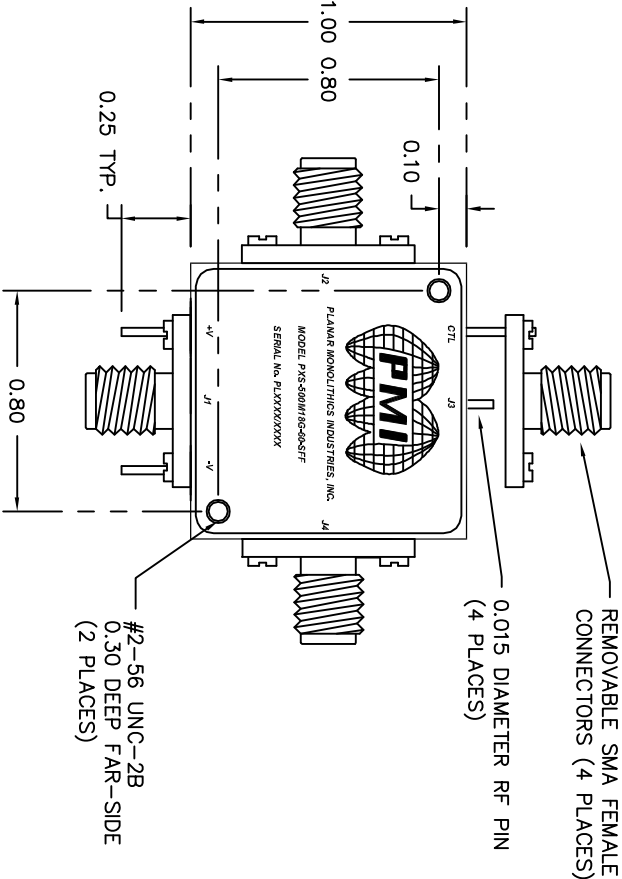
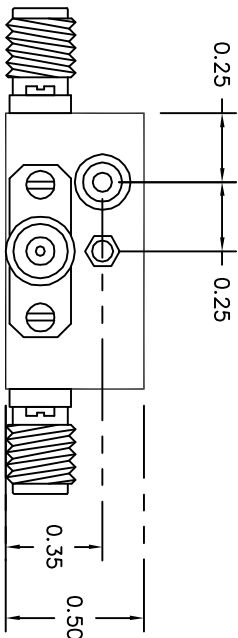
- FREQUENCY: 500MHz TO 18.0 GHz
- INSERTION LOSS: 3.0dB MAXIMUM
- ISOLATION: 60dB MINIMUM
- VSWR: 1.9:1 MAXIMUM
- SPEED: 100ns MAXIMUM
- POWER INPUT: +20dBm CW MAXIMUM
- CONTROL: TTL LOGIC - SEE TABLE
- POWER SUPPLY: +5V @ 60 mA NOMINAL
-15V @ 75 mA NOMINAL
- CONNECTORS: SMA FEMALE CONNECTORS
- POWER & CONTROL: EMI FILTERED SOLDER PINS
- SIZE: 1.0" L x 1.0"W x 0.5"H
- WEIGHT: 1.4 OUNCES TYPICAL

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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	3/9/10	



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APPROVALS		DATE		TITLE		
DRAWN		3/9/10		PRODUCT FEATURE		
CHECKED				PXS-500M18G-60-SFF		
ISSUED				500MHz to 18.0GHz Transfer Switch		
				SIZE	FSCM NO.	DWG NO.
				A	05X00	PRELIMINARY
				SCALE	N:S	SHEET 1 OF 1