

DESCRIPTION

THE MODEL P8T-500M40G-50-T-55-SFF IS A HIGH SPEED, SINGLE POLE, EIGHT THROW, ABSORPTIVE SWITCH CAPABLEOF SWITCHING WITHIN 50ns. THE FREQUENCY RANGE IS 0.5 TO 40.0 GHZ AND THIS SWITCH HAS OVER 50dB OF ISOLATION.

SPECIFICATIONS

- FREQUENCY RANGE:..... 0.5 TO 40.0 GHZ
- ISOLATION..... 50dB MIN
- INSERTION LOSS..... 10dB MAX
- VSWR IN/OUT..... 3.0:1 TYP.
- OPERATING INPUT POWER..... +20dBm CW
- SWITCHING SPEED..... 50 nSEC TYP.
- DC VOLTAGE AND CURRENT... +5VDC @ 70mA
-5VDC @ 20mA
- CONTROL SIGNAL..... EIGHT LINE TTL

E1 CONTROLS J1-J2
E2 CONTROLS J1-J3
E3 CONTROLS J1-J4
E4 CONTROLS J1-J5
E5 CONTROLS J1-J6
E6 CONTROLS J1-J7
E7 CONTROLS J1-J8
E8 CONTROLS J1-J9
"0" ISOLATION
"1" INSERTION LOSS

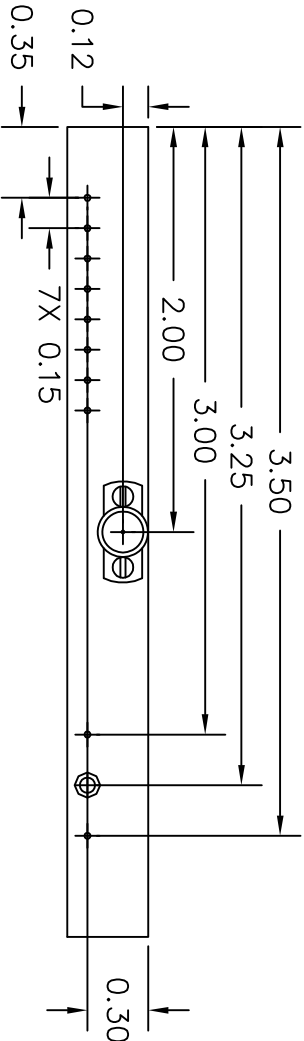
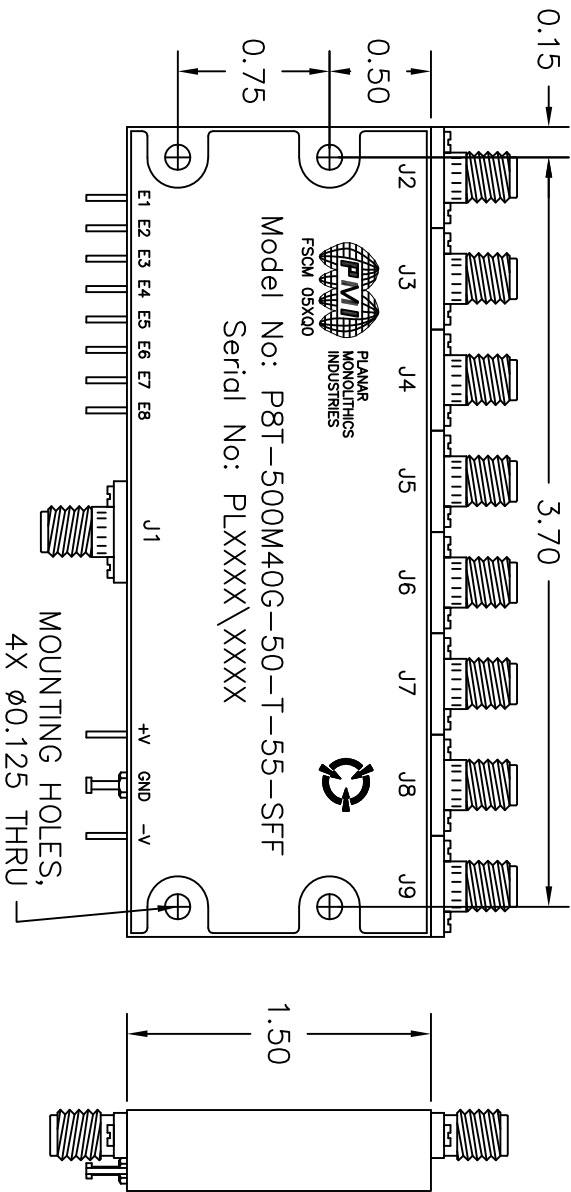
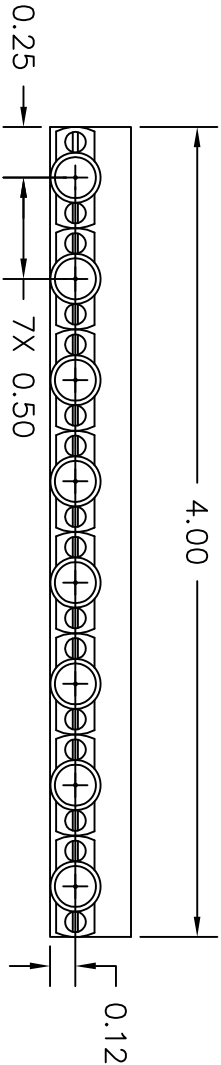
- CONNECTORS..... SMA (F)
- FINISH..... GOLD PLATED
- SIZE..... 4.0" X 1.5" X 0.4"

ENVIRONMENTAL RATINGS

- TEMPERATURE:..... -54°C TO +95°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
- 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

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	ORIGINAL RELEASE	5/18/11



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APPROVALS		DATE		TITLE			
DRAWN		5/18/11		PRODUCT FEATURE			
CHECKED				P8T-500M40G-50-T-55-SFF			
ISSUED				0.5 TO 40.0 GHZ HIGH SPEED SWITHC 8 THROW			
				SIZE		DWG NO.	
				A		27014821	
				SCALE		N:S	
						SHEET	
						1 OF 1	