

DESCRIPTION

PMI MODEL: DP-1D4G2D6G-2G-SFFF IS A DIPLEXER WITH A LOW PASSBAND OF 1.4 TO 1.95 GHz AND HIGH PASSBAND OF 2.05 TO 2.6 GHz.

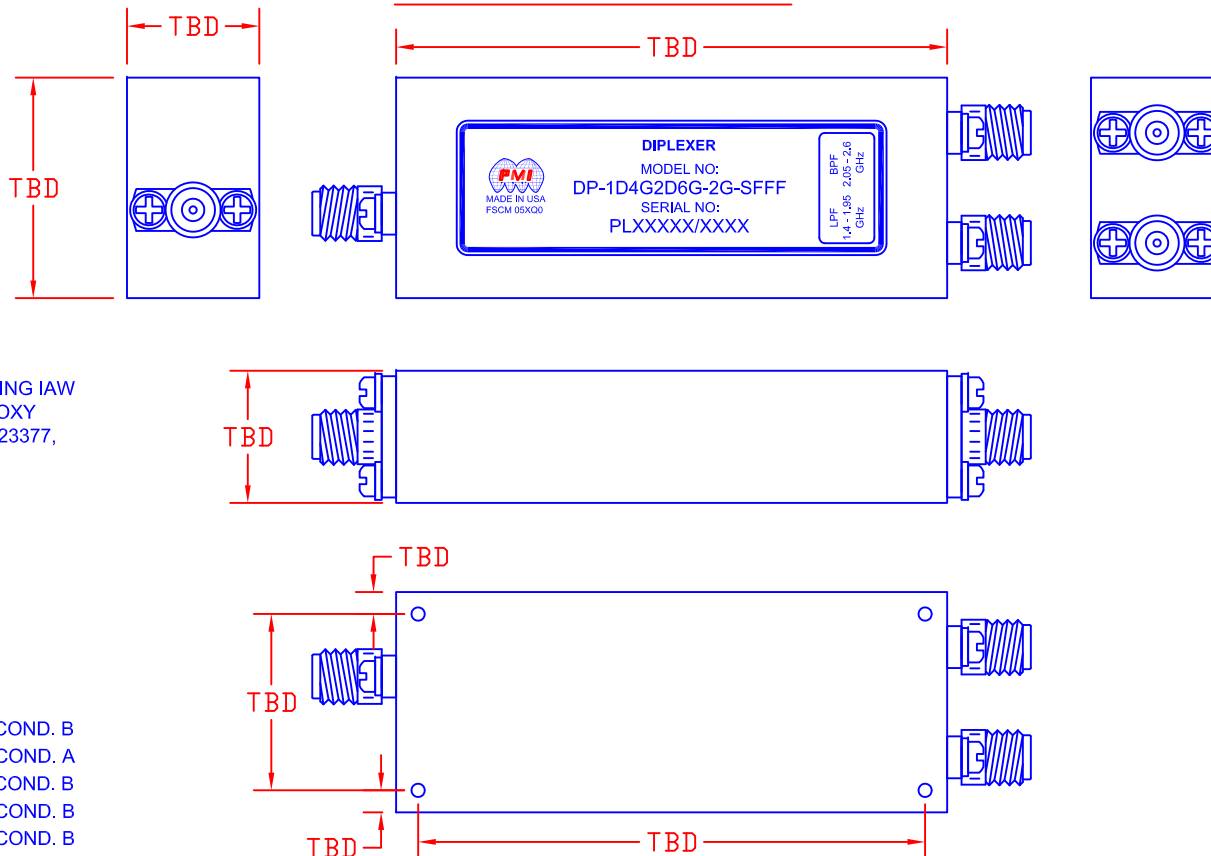
SPECIFICATIONS

- INPUT (J0): ———— 1.4 TO 2.6 GHz
VSWR: ———— 2.0 : 1 MAX (1.4 - 2.6 GHz)
- LOW PASSBAND (J1 OUTPUT): ———— 1.4 - 1.95 GHz
INSERTION LOSS: ———— 3 dB MAX @ 1.4 - 1.95 GHz
REJECTION: ———— 6 dB MIN @ 2 GHz
VSWR: ———— 2.0 : 1 MAX (1.4 - 1.95 GHz)
- HIGH PASSBAND (J2 OUTPUT): ———— 2.05 - 2.6 GHz
INSERTION LOSS: ———— 1.5 dB MAX @ 2.05 - 2.6 GHz
REJECTION: ———— 6 dB MIN @ 2 GHz
VSWR: ———— 2.0 : 1 MAX (2.05 - 2.6 GHz)
- CONNECTORS: ———— SMA FEMALE
- FINISH: ———— BLUE EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.
- SIZE: ———— TBD
(TO BE GIVEN 30 DAYS ARO)

ENVIRONMENTAL RATINGS

- TEMPERATURE: ———— 0 °C TO +85 °C (OPERATING)
-65 °C TO +125 °C (STORAGE)
- HUMIDITY: ———— MIL-STD-202F, METHOD 103B COND. B
- TEMPERATURE CYCLE: ———— MIL-STD-202F, METHOD 107D COND. A
- SHOCK: ———— MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: ———— MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: ———— MIL-STD-202F, METHOD 105C COND. B

MECHANICAL OUTLINE



ALL DIMENSIONS ARE IN INCHES
[mm for reference]
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

PMI CONFIDENTIAL AND PROPRIETARY

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	PRELIMINARY	12/15/15	

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		12/9/15		PRODUCT FEATURE DP-1D4G2D6G-2G-SFFF DIPLEXER	
CHECKED				SIZE FSCM NO. DWG NO.	
ISSUED				PRELIMINARY	
SCALE N:S				SHEET 1 OF 1	