

DESCRIPTION

PMI MODEL: TP-LB6D1G-MB8G-HB14D125G-S4F IS A TRIPLEXER COVERING THE 5.7 TO 14.5 GHz, BAND.

SPECIFICATIONS

- FREQUENCY RANGE: ----- LOW BAND: 5.7 TO 6.5 GHz
MID BAND: 7.5 TO 8.5 GHz
HIGH BAND: 13.75 TO 14.5 GHz
- INSERTION LOSS: ----- LOW BAND: 1.0 dB MAXIMUM
MID BAND: 1.5 dB MAXIMUM
HIGH BAND: 2.0 dB MAXIMUM
- VSWR (PASSBAND): ----- 2.0:1 TYPICAL
- CHANNEL TO CHANNEL ISOLATION: --- 70 dB MINIMUM
- REJECTION (30 dB TYPICAL): ----- LOW BAND @ 5.2 GHz & 7.0 GHz
MID BAND @ 7.0 GHz & 9.0 GHz
HIGH BAND @ 13.25 GHz & 15.0 GHz
- CONNECTORS: ----- SMA FEMALE (x4)
- SIZE: ----- ALL DIMENSIONS ARE TBD
2.75" x 1.40" x 0.50" GOAL
69.85 mm x 35.56 mm x 12.70 mm GOAL
- 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.

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -40 °C TO +85 °C (OPERATING)
-65 °C TO +100 °C (STORAGE)

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

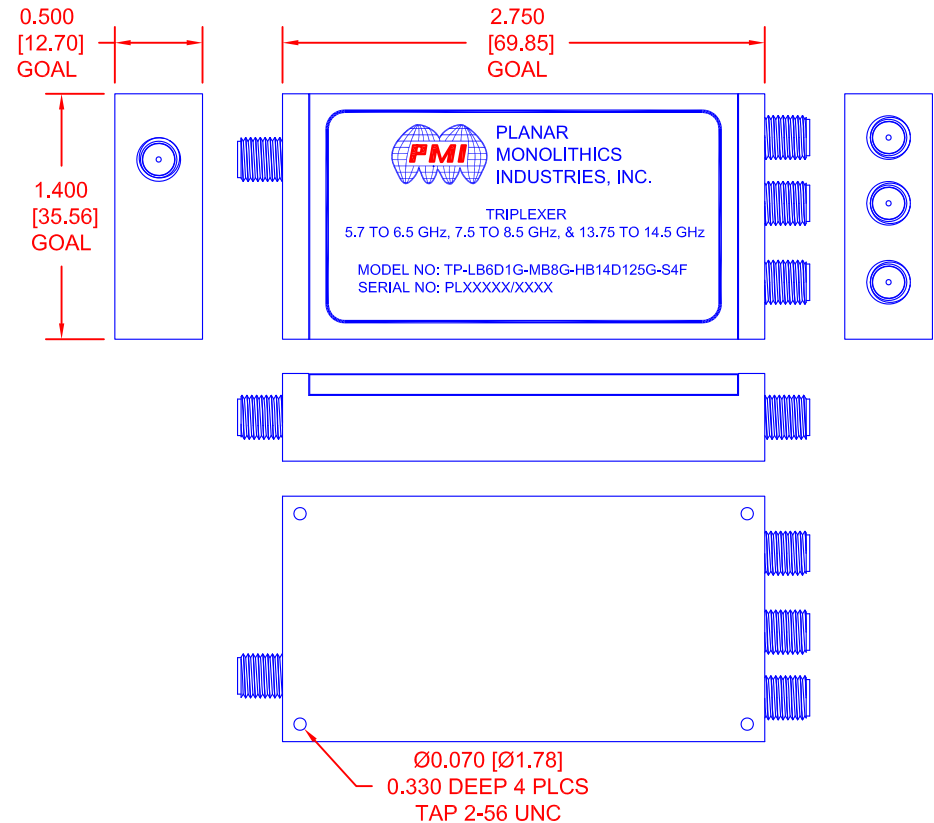
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS
ARE IN INCHES (mm)
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	04/14/16	

MECHANICAL OUTLINE



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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE			
DRAWN		M. Berry		04/14/16		PRODUCT FEATURE	
CHECKED						TP-LB6D1G-MB8G-HB14D125G-S4F	
ISSUED						PRELIMINARY	
SIZE	A	FSCM NO.	05XQ0	DWG NO.			
SCALE	N:S					SHEET	1 OF 1