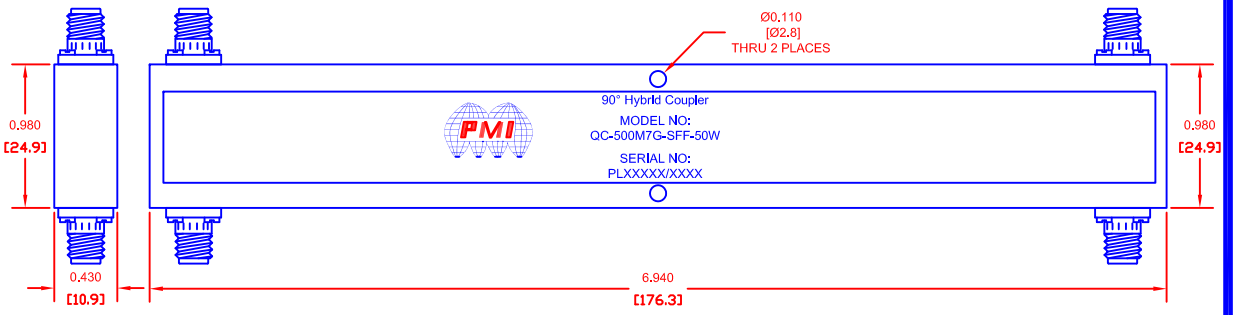
DESCRIPTION

PMI MODEL NO. QC-500M7G-SFF-50W IS A 0.5 TO 7.0 GHz 90° HYBRID COUPLER

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	8/4/17	

SPECIFICATIONS

- FREQUENCY RANGE:---------- 0.5 TO 7.0 GHz
- NOMINAL COUPLING:---------- 3.0 dB MAXIUMUM
- INSERTION LOSS:---------- 1.8 dB MAXIMUM
- VSWR : ---------- 1.5:1 MAXIMUM
- AMPLITUDE BALANCE:---------- ±0.6 dB MAXIMUM
- PHASE BALANCE: ---------- ±6° MAXIMUM
- POWER HANDLING: ---------- 50 Watt (FORWARD POWER)
- CONNECTORS (IN/OUT):---------- SMA (F)
- SIZE: ---------- 6.94" X 0.98" X 0.43"
- FINISH: ---------- PAINTED BLUE



ENVIRONMENTAL RATINGS

- TEMPERATURE: ---------- - 40°C TO +70°C (OPERATING/STORAGE)
- ALTITUDE: ---------- 60,000 FT 1.0 psi MIN
- HUMIDITY: ---------- 95% RH @ 40°C
- SHOCK: ---------- 20G FOR 11msec HALF SINE WAVE, 3 AXIS BOTH DIRECTIONS

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

MECHANICAL OUTLINE

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

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED

APPROVALS	DATE
DRAWN EMF	8/4/17
CHECKED	
ISSUED	

TITLE: PRODUCT FEATURE
QC-500M7G-SFF-50W

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	PRELIMINARY	-

SCALE N:S SHEET 1 OF 1