

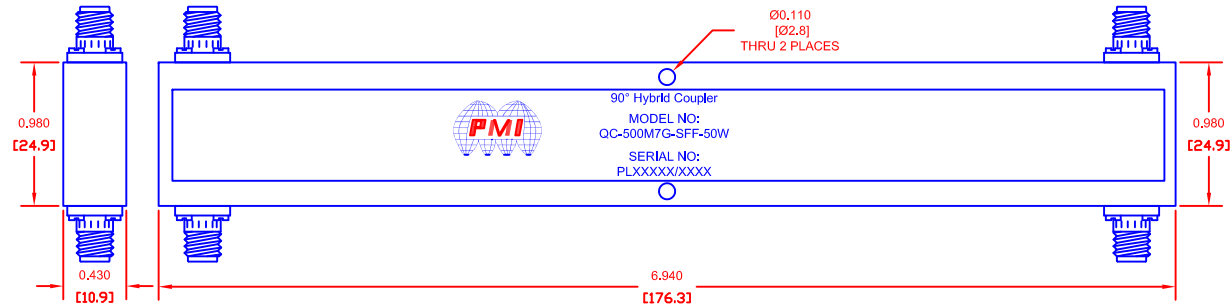
DESCRIPTION

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 MAXIMUM
- 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

PMI CONFIDENTIAL AND PROPRIETARY

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 ISO 9001 CERTIFIED



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

APPROVALS		DATE	TITLE		
DRAWN <i>E.M.F.</i>		8/4/17	PRODUCT FEATURE QC-500M7G-SFF-50W		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY
ISSUED			SCALE N:S	SHEET 1 OF 1	