

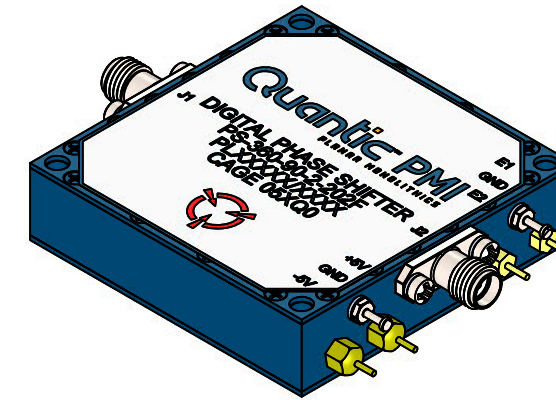
DESCRIPTION:

PMI MODEL NUMBER PS-360-90-2 OPTION 202F IS A 2.2 TO 2.3 GHz (USABLE OVER 1.7 TO 2.3 GHz) DIGITAL PHASE SHIFTER WITH CAPABILITY FOR PHASE SHIFT OF 0°/360°, 90°, 180°, 270°.

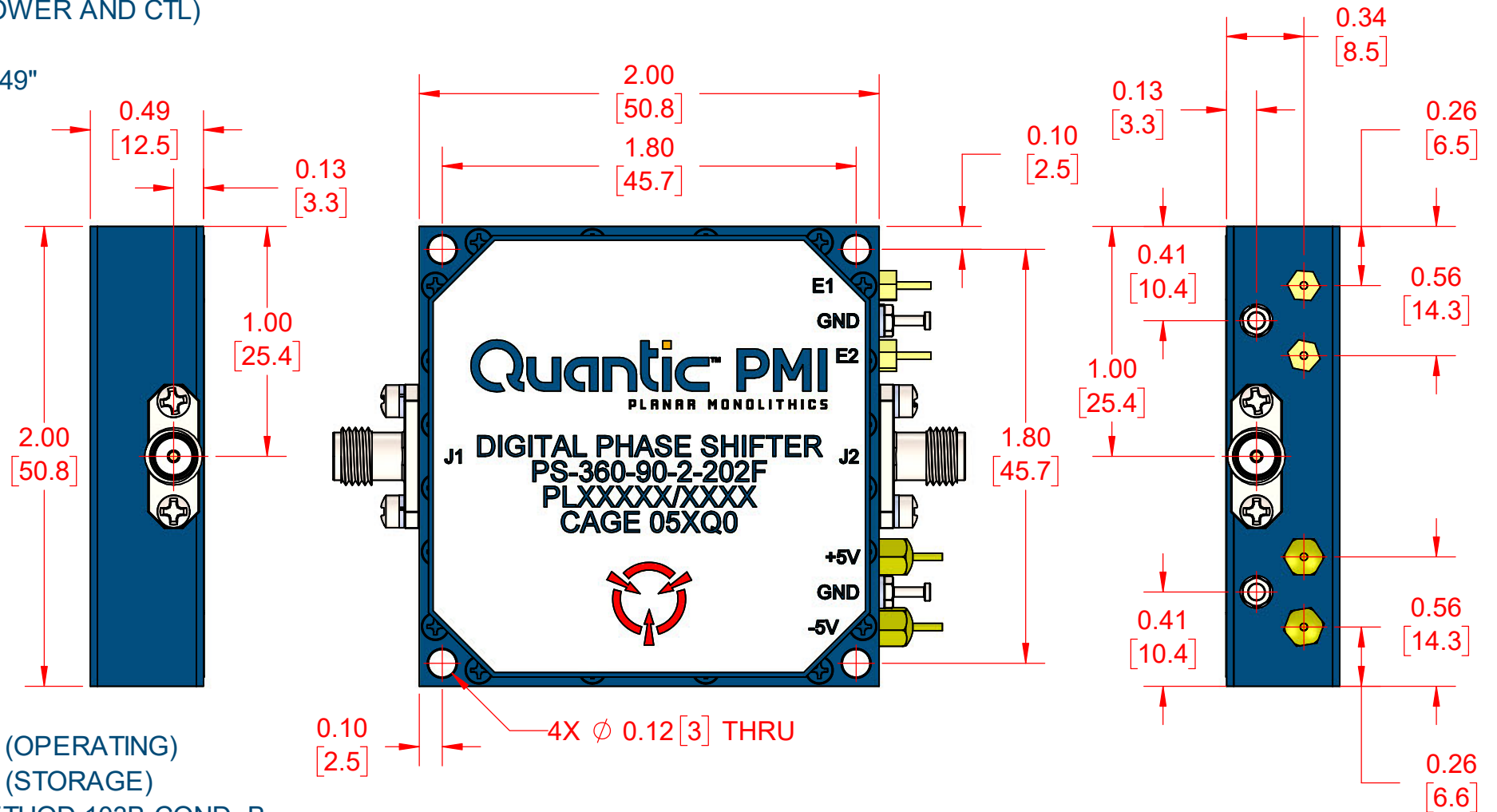
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	10/2/2008	

SPECIFICATIONS:

- FREQUENCY RANGE:..... 1.7 TO 2.3 GHz (USABLE)
2.2 TO 2.3 GHz (OPTIMIZED)
- INSERTION LOSS:..... 5.5 dB GOAL, 6.5 dB MAX
- VSWR:..... 2.0:1 MAX
- POWER SUPPLY:..... +5 VDC @ 50 mA MAX
-5 VDC @ 50 mA MAX
- CONNECTORS:..... SMA FEMALE (RF INPUT/OUTPUT)
SOLDER PIN (POWER AND CTL)
- LOGIC INPUT:..... TTL
- SIZE:..... 2.00" X 2.00" X 0.49"
- FINISH:..... PAINTED BLUE



E1	E2	PHASE
0	0	0°/360°
0	1	90°
1	0	180°
1	1	270°



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -55°C TO +125°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY:..... MIL-STD-202, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202, METHOD 213B COND. B
- VIBRATION:..... MIL-STD-202, METHOD 204D COND. B
- ALTITUDE:..... MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202, METHOD 107D COND. A

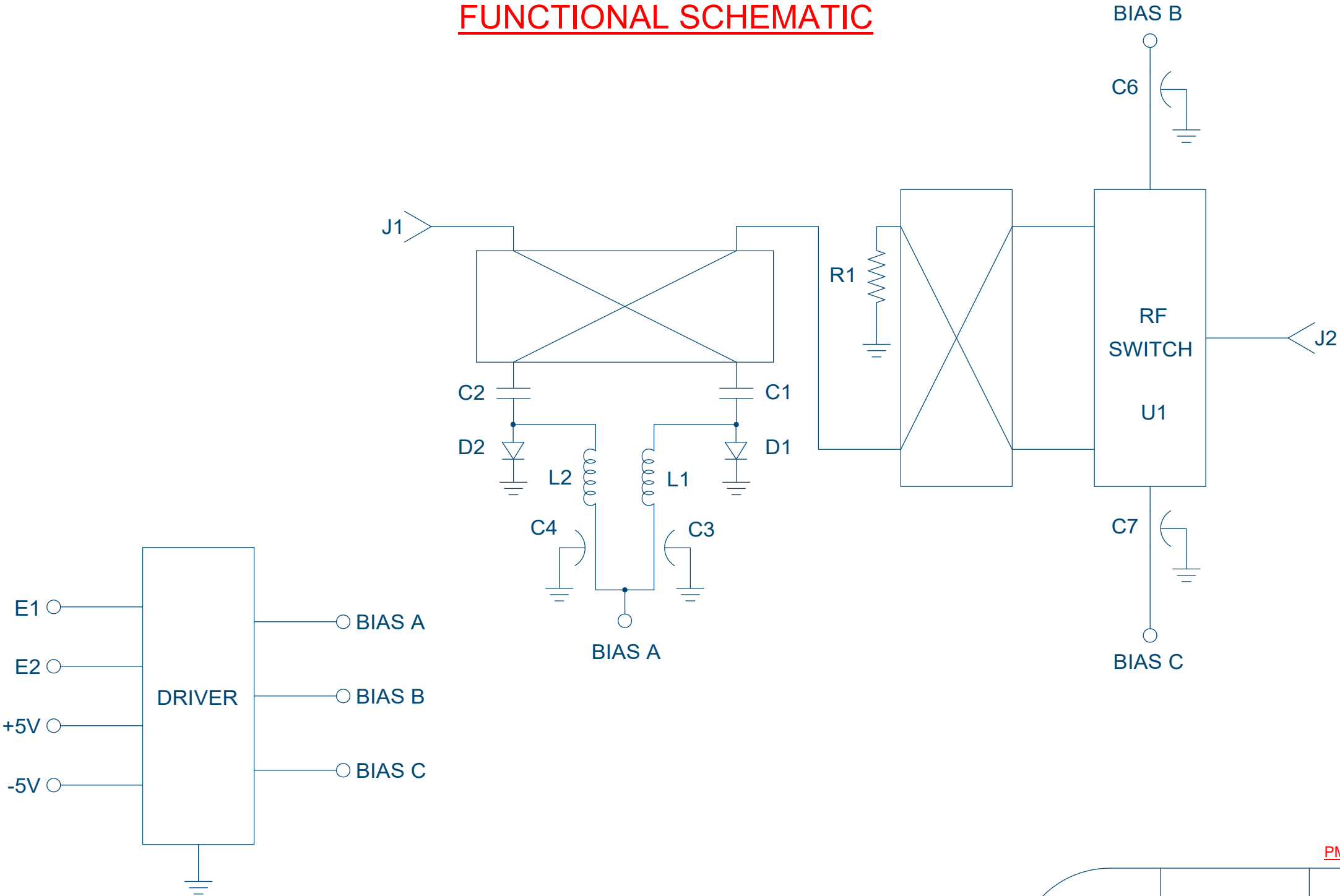
PMI CONFIDENTIAL AND PROPRIETARY

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

APPROVALS DRAWN KAB REDRAWN ISSUED		DATE		Quantic PMI PLANAR MONOLITHICS 7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 662-5019, FAX: (301) 662-1731 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED			
		10/2/2008					
TITLE				OUTLINE			
PS-360-90-2-202F				PS-360-90-2-202F			
SIZE	FSCM NO.	DWG NO.	REV.				
B	05XQ0	27009466	A				
SCALE 3:2			SHEET 1 OF 2				

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± .XX ± 0.02 ±
XXX ± 0.01

FUNCTIONAL SCHEMATIC



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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01 ±	APPROVALS	DATE	TITLE OUTLINE PS-360-90-2-202F			
	DRAWN KAB	10/2/2008				
	REISSUED		SIZE	FSCM NO.	DWG NO.	REV.
			B	05XQ0	27009466	A
		SCALE 1:1		SHEET 2 OF 2		