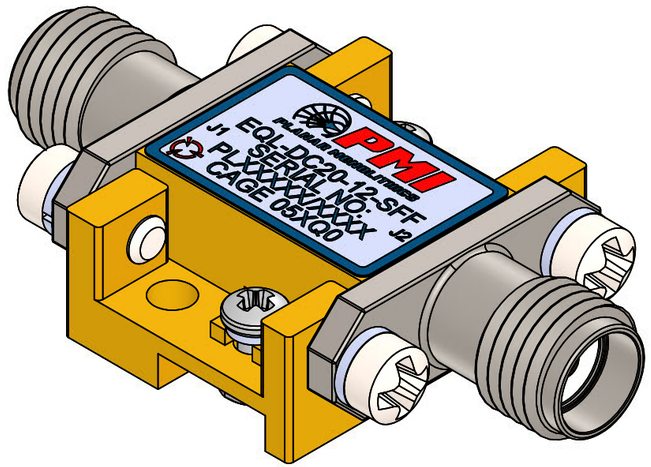
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	5/5/2026	

DESCRIPTION:

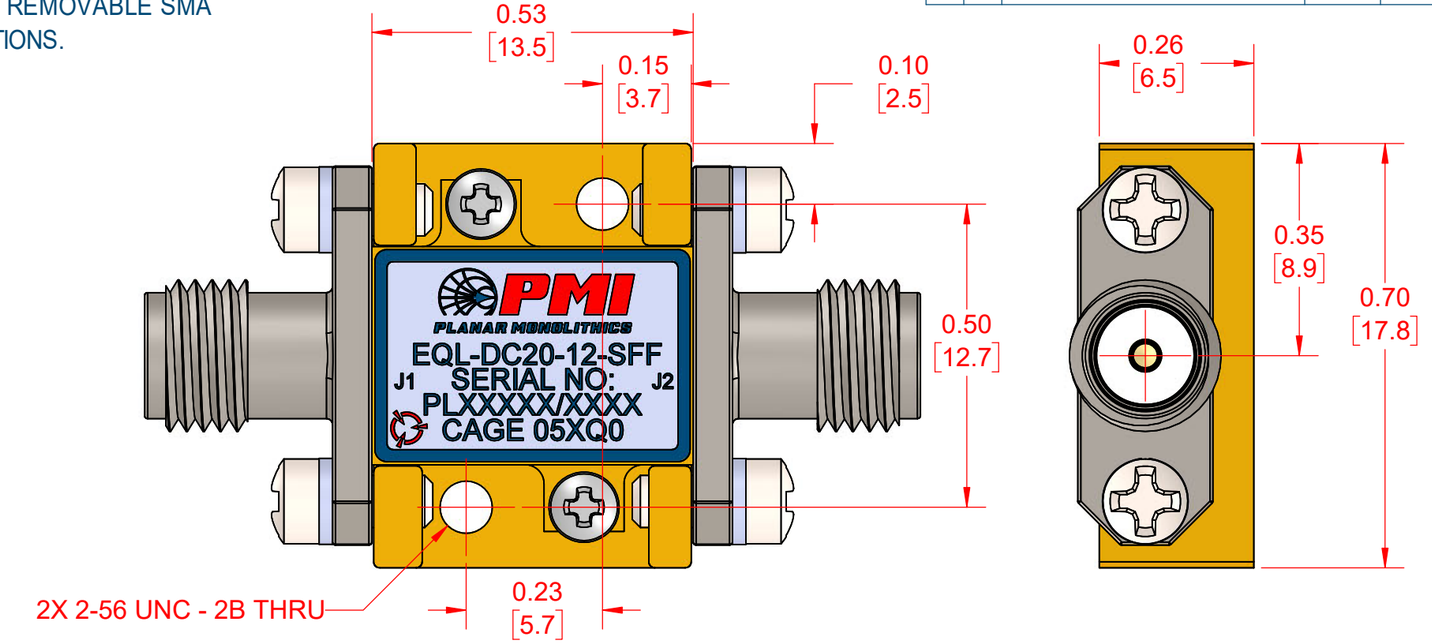
PMI MODEL EQL-DC20-12-SFF IS A DC TO 20 GHZ EQUALIZER FEATURING 1 W POWER HANDLING WITH AN INSERTION LOSS OF 3 dB AT 18 GHz AND A VSWR OF 2.0:1 MAXIMUM. PACKAGE HAS REMOVABLE SMA FEMALE CONNECTORS. IDEAL FOR CONNECTORIZED OR SURFACE MOUNT APPLICATIONS.

SPECIFICATIONS:

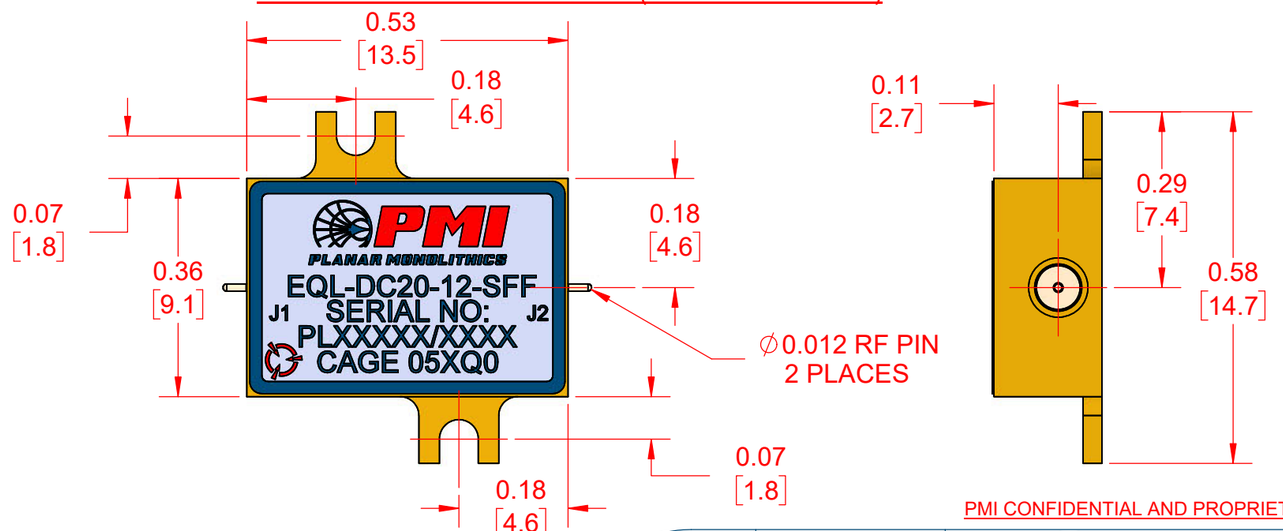
- FREQUENCY RANGE:..... DC TO 20.0 GHz
- INPUT POWER:..... 1 W MAX
- VSWR:..... 1.5:1 TYP
  2.0:1 MAX
- INSERTION LOSS:..... 13.5 dB TYP AT 0.5 GHz
  3 dB TYP AT 18 GHz
- CONNECTORS IN/OUT:..... SMA FEMALE
- FINISH:..... GOLD PLATED



HOUSING WITH CARRIER



HOUSING WITHOUT CARRIER (SURFACE MOUNT)



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -40°C TO +85°C (OPERATING)
  -65°C TO +125°C (STORAGE)
- HUMIDITY:..... MIL-STD-202, METHOD 103 COND. B
- SHOCK:..... MIL-STD-202, METHOD 213 COND. B
- VIBRATION:..... MIL-STD-202, METHOD 204 COND. B
- ALTITUDE:..... MIL-STD-202, METHOD 105 COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202, METHOD 107 COND. A

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

PMI CONFIDENTIAL AND PROPRIETARY

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

APPROVALS	DATE
DRAWN VP	5/5/2026
REDRAWN	
ISSUED	

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

TITLE: OUTLINE
EQL-DC20-12-SFF

SIZE	FSCM NO.	DWG NO.	REV.
B	05XQ0	27054960	A1

SCALE 4:1 SHEET 1 OF 1