

## DESCRIPTION

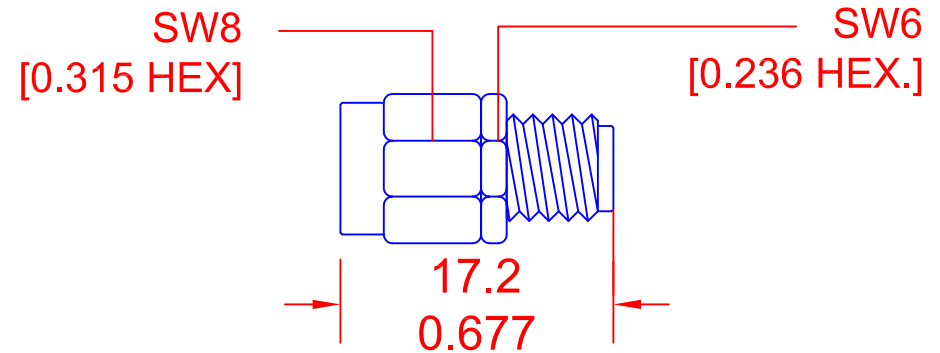
PMI MODEL: PFA-DC40G-30-2W-292 IS A FIXED ATTENUATOR OPERATING OVER THE DC TO 40.0 GHz FREQUENCY RANGE.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
		PRELIMINARY	6/7/23	

## MECHANICAL OUTLINE

## SPECIFICATIONS

- FREQUENCY RANGE: ----- DC TO 40.0 GHz
- IMPEDANCE: ----- 50 Ω
- ATTENUATION VALUE: ----- 30 dB
- ATTENUATION ACCURACY: ----- ±0.6 dB
- VSWR: ----- 1.3:1 MAXIMUM
- INPUT POWER: ----- 2 WATTS MAXIMUM
- CONNECTORS: ----- 292 M/F



## ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -20 °C TO +85 °C (OPERATING)
- 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

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**

## PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD

FREDERICK, MARYLAND 21704 USA

TEL: (301)-662-5019, FAX: (301)-662-1731

WEB: [www.pmi-rf.com](http://www.pmi-rf.com), EMAIL: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)

ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>AG</i>		6/7/23	PRODUCT FEATURE PFA-DC40G-30-2W-292			
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -
ISSUED			SCALE N:S		SHEET 1 OF 1	