

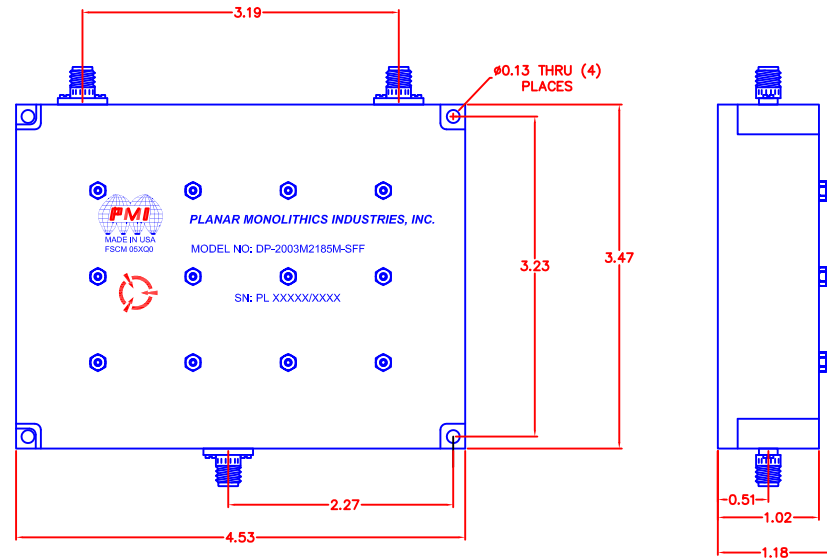
DESCRIPTION:

PMI model number DP-2003M2185M-SFF is a high rejection, low insertion loss, excellent temperature stability diplexer

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	9/9/22	

SPECIFICATIONS:

- CENTER FREQUENCY: _____ CH 1 - 2.0025 GHz
CH 2 - 2.185 GHz
- BANDWIDTH: _____ CH 1 - 1.98 TO 2.025 GHz
CH 2 - 2.17 TO 2.2 GHz
- INSERTION LOSS : _____ 0.8 dB MAX
- REJECTION: _____ CH 1 @ 2.17 to 2.2 GHz
80 dB
CH 2 @ 1.98 to 2.025 GHz
80 dB
- VSWR: _____ 1.5:1 Max.
- ISOLATION: _____ 80 dB MIN
- INPUT POWER : _____ 50 W AVERAGE, 250 W PEAK
- IMPEDANCE: _____ 50 OHMs
- CONNECTORS INPUT/OUTPUT: _____ SMA (F)
- FINISH: _____ PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE: _____ -40°C TO +70°C (OPERATING)
- HUMIDITY: _____ MIL-STD-202F, METHOD 103B COND. B
- SHOCK: _____ MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: _____ MIL-STD-202F, METHOD 204D COND. B
- TEMPERATURE CYCLE: _____ MIL-STD-202F, METHOD 107
- SALT FOG _____ MIL-STD-202F, METHOD 101D-EST COND. B
- THERMAL SHOCK _____ MIL-STD-202F, METHOD 107D COND. A

PMI CONFIDENTIAL AND PROPRIETARY

PLANAR MONOLITHICS INDUSTRIES, INC.
 7311-F GROVE ROAD
 FREDERICK, MARYLAND 21704 USA
 TEL: 301-662-5019 FAX: 301-662-1731
 WEBSITE: www.pmi-rf.com
 E-MAIL: sales@pmi-rf.com
 ISO 9001 CERTIFIED



NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

APPROVALS		DATE	TITLE		
DRAWN		9/9/22	PRODUCT FEATURE		
CHECKED			DP-2003M2185M-SFF		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	05XQ0	
			SCALE	N: S	SHEET 1 OF 1