TYPICAL CHARACTERISTICS
ON
MA-6G11G-10DB-SFF

PMI MODEL NUMBER: MA-6G11G-10DB-SFF IS A 6 GHz TO 11 GHz MECHANICAL VARIABLE ATTENUATOR. THIS UNIT HAS AN ATTENUATION OF 0 dB TO 10 dB AND IS SUPPLIED IN A 1.75" x 1.00" x 0.50" HOUSING WITH SMA FEMALE CONNECTORS.

7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@quanticpmi.com

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OUTLINE DRAWING:

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	6/28/2020	

DESCRIPTION:

PMI MODEL NUMBER MA-6G11G-10DB-SFF IS A CONTINUOUSLY VARIABLE ATTENUATOR THAT OPERATES OVER THE 6.0 TO 11.0 GHz FREQUENCY RANGE.

SPECIFICATIONS:

- FREQUENCY RANGE:..... 6.0 TO 11.0 GHz
- ATTENUATION:..... 0-10 dB
- INSERTION LOSS:..... 0.5 dB MAX
- VSWR:..... 1.5:1 MAX
- CONNECTORS:..... SMA FEMALE
- FINISH:..... PAINTED BLUE

ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -54°C TO +55°C (OPERATING)
  -57°C TO +85°C (STORAGE)
- HUMIDITY:..... 5 TO 95%
- SHOCK:..... 15g, 11ms (6-AXIS)
- VIBRATION:..... MIL-E-5400T FIGURE 2 CURVE II (2g)
- ALTITUDE:..... 30,000ft (MAX)

PMI CONFIDENTIAL AND PROPRIETARY

APPROVALS	DATE
DRAWN: S AZHAR	6/28/2020
REDRAWN	
ISSUED	

Quantic PMI PLANAR MONOLITHICS

TITLE: OUTLINE MA-6G11G-10DB-SFF

SIZE	FSCM NO.	DWG NO.	REV.
B	05XQ0	27052020	A1

SCALE 2:1 SHEET 1 OF 1

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TEST DATA:

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS				
			-54°C	-40°C	+25°C	+55°C	+85°C
1	Frequency Range:	6 GHz to 11 GHz	**6 GHz to 11 GHz**				
2	Attenuation:	0 to 10 dB	**0 to 10 dB See Graphs**				
3	Insertion Loss:	0.5 dB Max.	**0.25 dB See Graph**	**0.24 dB See Graph**	**0.26 dB See Graph**	**0.28 dB See Graph**	**0.26 dB See Graph**
4	VSWR:	1.5:1 Max.	**1.39:1 See Graph**	**1.39:1 See Graph**	**1.39:1 See Graph**	**1.38:1 See Graph**	**1.37:1 See Graph**

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Attenuation Deviation VS. Frequency @ 10 dB

Attenuation Deviation VS. Frequency @ 14 dB

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