

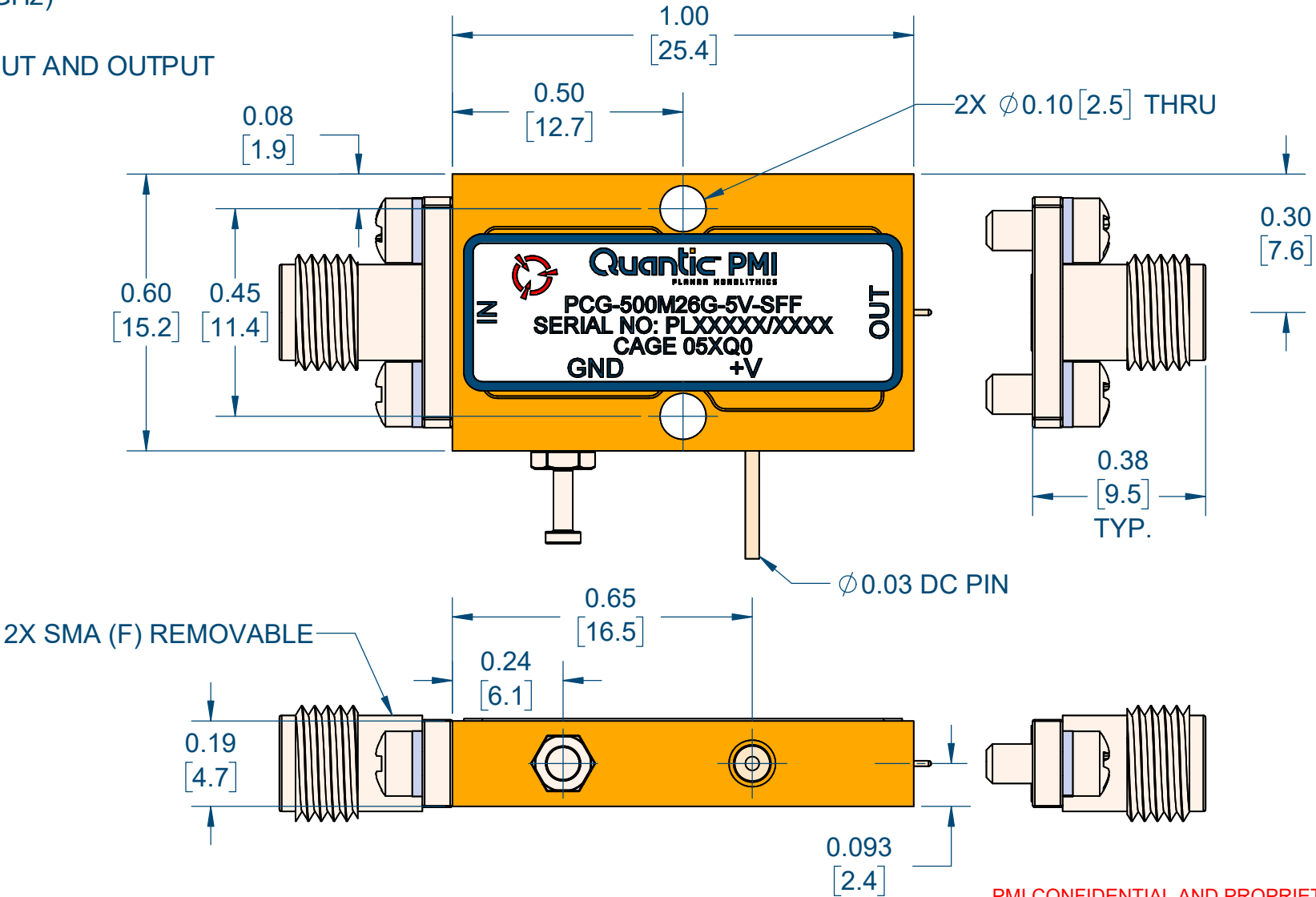
DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER PCG-500M26G-5V-SFF IS A 500 MHz RF INPUT, 500 MHz TO 26 GHz OUTPUT COMB GENERATOR. THE SMALL SIZE ACTIVE UNIT ALLOWS INPUT POWER OF ONLY +10 dBm AND IS POWERED WITH +5V.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	1/29/25	

SPECIFICATIONS:

- RF INPUT FREQUENCY RANGE:..... 500 MHz
- RF INPUT POWER:..... +10 dBm
- OUTPUT FREQUENCY RANGE:..... 500 MHz TO 26 GHz
- OUTPUT POWER:.....>+3 dBm TYP (500 MHz TO 4 GHz)
>-5 dBm TYP (4 GHz TO 8 GHz)
>-15 dBm TYP (8 GHz TO 12.4 GHz)
>-20 dBm TYP (12.4 GHz TO 18 GHz)
- INPUT VSWR:.....2:1 MAX
- RF CONNECTORS:.....REMOVABLE SMA FEMALE INPUT AND OUTPUT
- DC POWER SUPPLY:.....+5V @ 150 mA TYP
- SIZE:.....1.00" X 0.60" X 0.19"
- FINISH:.....GOLD PLATED
- SEALING:.....HERMETIC



ENVIRONMENTAL RATINGS:

- TEMPERATURE:.....-55°C TO +85°C (OPERATING)
-55°C TO +125°C (STORAGE)

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 ANGLES
± .XX ± 0.02 ±
XXX ± 0.01

APPROVALS	DATE
DRAWN D. HOSCHAR REDRAWN	1/29/25
ISSUED	

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

TITLE

OUTLINE
PCG-500M26G-5V-SFF

SIZE	FSCM NO.	DWG NO.	REV.
B	05XQ0	27050680	A1

SCALE 3:1

SHEET 1 OF 1