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REVISION HISTORY

ZONE	REV	DESCRIPTION	DATE	APPROVED
	5	HOUSING WITH FULL GROVES	3/13/2024	MA/CS
	6	HOUSING WITH FLAT FOR LABEL, ADD CONNECTOR TABLES	5/27/2025	DM

NO WEATHER SEAL OR
EXTERNAL MATERIAL
IN THIS AREA

Ø1.57
[39.9]

4.3-10(f) CONNECTOR SHOWN

TIGHTEN CABLE
WHILE USING
1" [25mm]
FIXED WRENCH
ON CONNECTOR
FLANGE

SPECIFICATION:

FREQUENCY RANGE: 380-3850MHz
INSERTION LOSS: 0.3dB MAX
RETURN LOSS
380-500MHz: 16dB
500-3850MHz: 17dB
PIM: 160dBc @ 1900MHz
DC VOLTAGE RATING: 6kV
IMPEDANCE: 50Ω
POWER: 100W AVG., 3kW PEAK
CONNECTORS: BRASS (TRIPLATE)
DC CONTINUITY: RF ONLY
DIELECTRIC: NYLON 6/6
ENVIRONMENT: IP67
TEMPERATURE: -20°C TO +55°C

CONNECTOR OPTIONS

PART NUMBER	CON. IN	CON. OUT
DC-A39D43FD43F	4.3-10(f)	4.3-10(f)
DC-A39D43MD43F	4.3-10(m)	4.3-10(f)
DC-A39DFDF	7-16 DIN(f)	7-16 DIN(f)
DC-A39DMDF	4.3-10(m)	7-16 DIN(f)

CONNECTOR DIMENSION

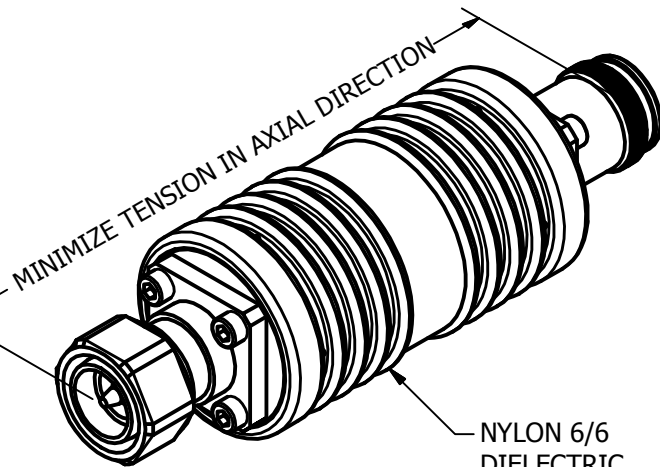
CONNECTOR TYPE	-A-
4.3-10(f)	1.12 [28.5]
4.3-10(m)	1.15 [29.2]
7-16 DIN(f)	1.25 [31.8]
7-16 DIN(m)	1.19 [30.2]

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DC-A39D43MD43F	4.3-10(m)	4.3-10(f)
DC-A39DFDF	7-16 DIN(f)	7-16 DIN(f)
DC-A39DMDF	4.3-10(m)	7-16 DIN(f)

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UNLESS OTHERWISE SPECIFIED:
ALL UNITS ARE IN inches [mm]

DRAWN mclaughlind	8/4/2022
CHECKED	
QA	
MFG	
APPROVED	

PROPERTY OF
R&D MICROWAVES LLC



TITLE

DC-A39XX, INNER - OUTER DC BLOCK

SIZE	DWG NO	REV
A	DC-A39XX-OLrev6	6
SCALE 1 : 1	SHEET 1 OF 1	