

CAB532RF: I-PEX MHF 4L PLUG + FRONT MOUNT S/S SMA STRAIGHT BULKHEAD JACK W/O-RING RATED TO IP68/69K + Ø1.37MM CABLE, 6GHz

SPECIFICATIONS :

1. I-PEX MHF 4L PLUG, GOLD PLATED, P/N: 20632-001R-37.
2. Ø1.37MM COAXIAL CABLE, COLOR: BLACK.
3. FRONT MOUNT SMA STRAIGHT BULKHEAD JACK W/O-RING, W/SUS303 STAINLESS STEEL BODY, RATED TO IP68/69K, P/N: RFCT-SMA095-F78 (WITH SILICONE O-RING) OR RFCT-SMA095-F78-1 (WITH EPDM O-RING).

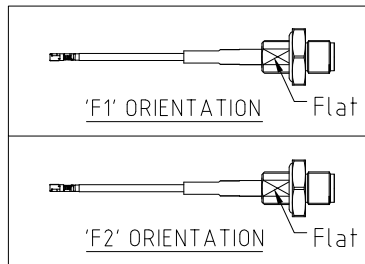
ENVIRONMENTAL:

A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA095-F78) TESTED TO THE FOLLOWING SPECIFICATION:

- i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
- ii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.
- iii. IPX9K WATER SPRAY, 14-16L PER MINUTE, AT 8,000-10,000 KPA, AT 100-150MM DISTANCE FOR 30 SECONDS.

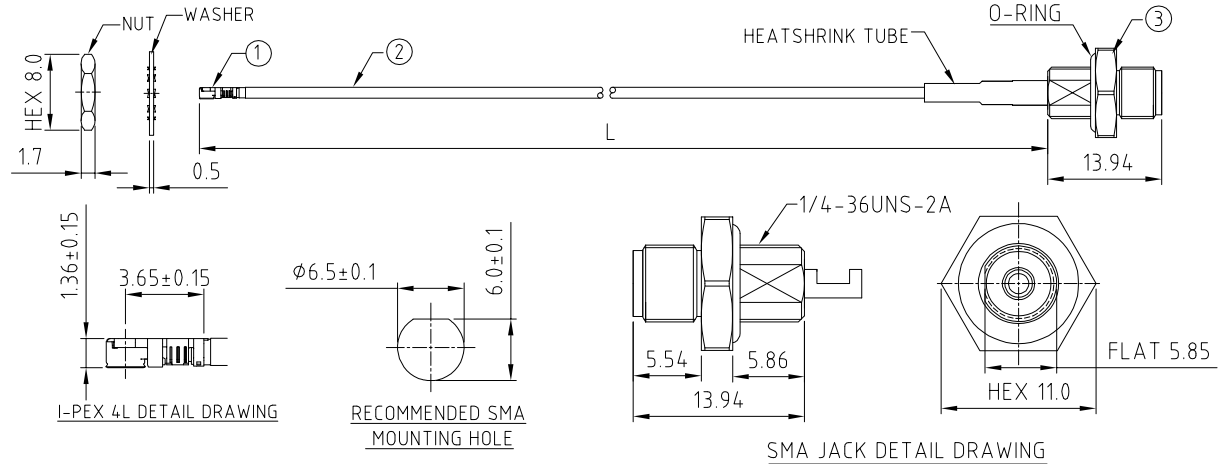
NOTES:

1. THE ORIENTATION OF CONNECTORS ON DRAWING IS FOR REFERENCE ONLY, IF THE ORDER IS LEFT BLANK THE CONNECTOR WILL NOT HAVE FIXED ORIENTATION.
2. FIXED ORIENTATION IS SUGGESTED FOR CABLE LENGTH 50MM TO 100MM. PLEASE SPECIFY THE FIXED ORIENTATIONS FROM THE ORDER CODE (F1, F2, ETC)
3. CONTACT GRADCONN IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
4. WORKING FREQUENCY RANGE: DC-6GHz.
5. OPERATING TEMPERATURE: -40°C TO +85°C
6. IMPEDANCE: 50 OHM
7. IF THE CONNECTOR IS USED IN A CORROSIVE ENVIRONMENT, WE RECOMMEND THE CONNECTOR FACE IS PROTECTED WITH A STAINLESS STEEL DUST CAP.
8. PLEASE USE THE RECOMMENDED TORQUE FORCES FOR STAINLESS STEEL CONNECTORS. THIS IS PUBLISHED ON GRADCONN.COM RESOURCES PAGE.



USAGE PRECAUTIONS: CABLES USING 'MICRO' COAX ARE DELICATE:

- (i) HANDLE WITH CARE.
- (ii) DO NOT TWIST; APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO NOT FORCEFULLY DEFORM WIRES.
- (iii) CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES ON HANDLING INSTRUCTIONS.



HOW TO ORDER

CAB532RF - X X X X - X X - X - 1 - X

"L" LENGTH IN MM:

eg: 100MM = 0100

(MIN. 0050-MAX.0400)

STANDARD = 0100, 0150, 0200)

Tolerance: 50mm: ±2mm.

51-200mm: ±5mm.

201-400mm: ±7mm.

WASHER AND NUT OPTIONS:

BLANK = SEPARATELY PACKED (STANDARD)

A = ALL ASSEMBLED WITH CONNECTOR

ORIENTATION OPTIONS:

BLANK = DOES NOT HAVE A FIXED ORIENTATION

F1 = MHF CONNECTION DOWN (L=50-200MM)

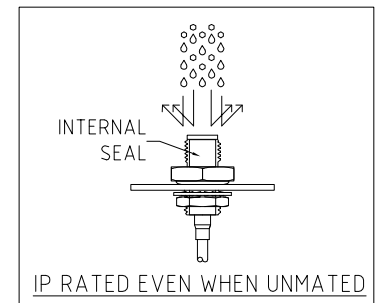
F2 = MHF CONNECTION UP (L=50-200MM)

(SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)

O-RING MATERIAL OPTIONS:

S = SILICONE, RED

E = EPDM, BLACK (STANDARD)



REV. DATE & DRN
10 24/10/22 - NYW RELEASE
11 21/12/22 - NYW
ADD NOTE &
12 03/02/24 - CC
ADD IP RATING VIEW
13 01/03/24 - NYW
MARK EPDM AS STANDARD.

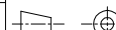
Scale: NTS

Drawn: CC

App'd: XXX

Date: 1 MAR. '24

THIRD ANGLE



Title CABLE ASSEMBLY

Revision: 13

Unstated
.X
.XX
.XXX
ANGLES

Tolerances:
N/A
N/A
N/A
N/A

Unit: mm



IP Rated RF Products



www.gradconn.com

Drawing Number:

CAB532RF

Sheet 1 of 1

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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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