CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS Compliant

CAB655RF: HIROSE U.FL PLUG TO FRONT MOUNT SMA BULKHEAD JACK, WITH 0-RING, IP67/68, 1.13MM CABLE, 6GHz

SPECIFICATIONS:

- 1. HIROSE U.FL PLUG. P/N: U.FL-LP-068HF
- 2. 1.13MM COAXIAL CABLE, COLOR: GRAY
- 3. FRONT MOUNT SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68, P/N: RFCT-SMA087-F78.

ENVIRONMENTAL:

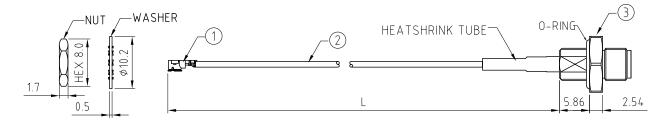
- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA087-F78) RATED TO THE FOLLOWING SPECIFICATION:
 - i. IP6X DUST TIGHT NO PARTICLE INGRESS.
 - ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
- iii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.

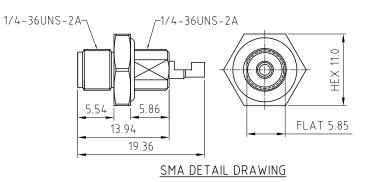
NOTES:

- 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 GCT IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
- 4. WORKING FREQUENCY RANGE: DC-6GHz.
- 5. OPERATING TEMPERATURE: -40°C~+85°C.
- 6. IMPEDANCE: 50 Ohm.
- 7. IT IS INTENDED THAT MOUNTING OF THIS CONNECTOR IS ACHIEVED USING THE NUT AND WASHER PROVIDED. PLEASE CONTACT GCT FOR ADVISE IF PLANNING TO USE A DIFFERENT METHOD OF MOUNTING.

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

CAB655RF - X X X X - X X - X - 1

"L" LENGTH IN MM: eq: 100MM = 0100

(MIN. 0050-MAX.0400

STANDARD = 0100, 0150, 0200) TOLERANCE: 50-200mm: ±5mm.

CABLE SIZE:

1 = Ø1.13MM CABLE, COLOR: GRAY

WASHER AND NUT OPTIONS:

BLANK = SEPARATELY PACKED (STANDARD) A = ASSEMBLED WITH CONNECTOR

ORIENTATION OPTIONS:

201-400mm: ±7mm. BLANK = DOES NOT HAVE A FIXED ORIENTATION

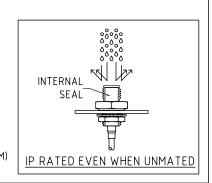
F1 = U.FL CONNECTION DOWN (L=50-200MM)

F2 = U.FL CONNECTION UP (L=50-200MM)

F3 = U.FL CONNECTION AND D FLAT SAME ORIENTATION (L=50-200MM)

F4 = U.FL CONNECTION AND D FLAT OPPOSITE ORIENTATION (L=50-200MM)

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



'F1' ORIENTATION	'F3' ORIENTATION Flat
<u>'F2' ORIENTATION</u> Flat	'F4' ORIENTATION Flat

					•	
Scale:	NTS	THIRD ANGLE		Unstated .X .XX	Tolerances: ±0.2 ±0.2	
Drawn:	СС	\Rightarrow		- XXX ANGLES	±0.2 N/A	
App'd: XXX		Title CABLE ASSEMBLY				
Date: 22	Feb. '25	Revisio	n: 1.1	Unit: m	ım	H

IP Rated RF Products



CAB655RF

of 1

E and 0 E

Drawing Number:

Sheet 1

Drawing (C)



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Mouser Electronics

Authorized Distributor

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

GCT:

CAB655RF-0100-A-1 CAB655RF-0050-A-1 CAB655RF-0150-A-1 CAB655RF-0200-A-1