CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS Compliant

CAB654RF: HIROSE U.FL PLUG TO RP SMA BULKHEAD JACK, WITH O-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. RP SMA STRAIGHT BULKHEAD JACK WITH 0-RING RATED TO IP67/68, P/N: RFCT-SMA071-F78.

ENVIRONMENTAL:

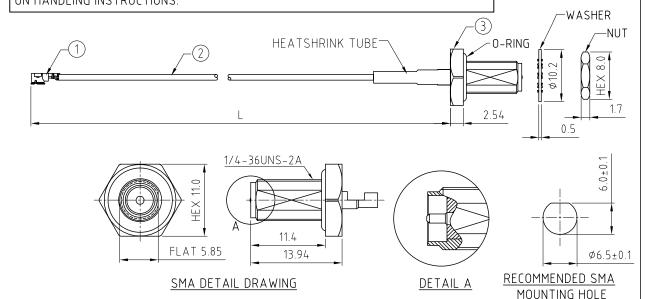
- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA071-F78) RATED TO THE FOLLOWING SPECIFICATION:
 - i. IP6X DUST TIGHT NO PARTICLE INGRESS.
 - ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
- iii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.

NOTES:

- 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.

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.





"L" LENGTH IN MM:
eg: 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

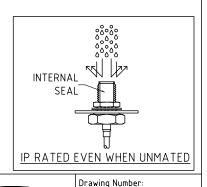
ORIENTATION OPTIONS:

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 Flat	<u>'F3' ORIENTATION</u> Flat
'F2' ORIENTATION Flat	€ FLat

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Scale:	NTS	THIRD ANGLE	Unstated Tolerances: .X ±0.2 .XX ±0.2	
Drawn:	СС		- XXX ±0.2 ANGLES N/A	╛
App'd:	XXX	Title CABLE ASSEMBLY] Ի
Date: 22	Feb. '25	Revision: 1.1	Unit: mm	\vdash

201-400mm: ±7mm.

IP Rated RF Products



CAB654RF

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Sheet 1 of 1

Drawing (C) E and 0 E



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