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COAXIAL CABLE ASSEMBLY | CUSTOMER PRODUCT SPECIFICATION SHEET

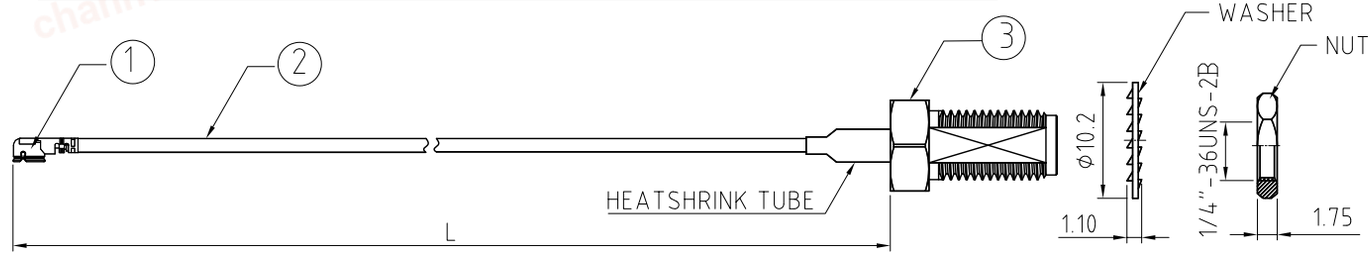
CAB556RF: I-PEX MHF 4L PLUG + SMA STRAIGHT BULKHEAD JACK + ϕ1.13MM CABLE - 6GHz

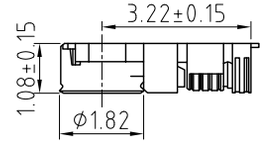
RoHS Compliant

SPECIFICATIONS:
1. I-PEX MHF 4L PLUG, P/N: 20565-001R-13.
2. ϕ1.13MM COAXIAL CABLE, COLOR: BLACK
3. SMA STRAIGHT BULKHEAD JACK, GOLD PLATED, P/N: RFCT-SMA117-F13.

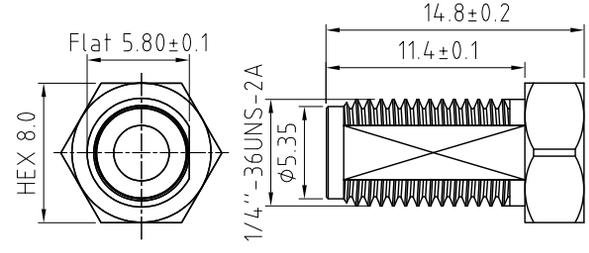
NOTES:
1. THE ORIENTATION OF CONNECTORS ON DRAWING IS FOR REFERENCE ONLY, IF THE ORDER IS LEFT BLANK THE CONNECTOR WILL NOT HAVE FIXED ORIENTATION.
2. FIXED ORIENTATION IS SUGGESTED FOR CABLE LENGTH 50MM TO 100MM. PLEASE SPECIFY THE FIXED ORIENTATIONS FROM THE ORDER CODE (F1, F2, ETC)
3. CONTACT GCT IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
4. WORKING FREQUENCY RANGE: DC-6GHz.
5. OPERATING TEMPERATURE: -40°C TO +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.





IPEX 4L PLUG DIMENSION



SMA JACK DETAIL DIMENSION

HOW TO ORDER

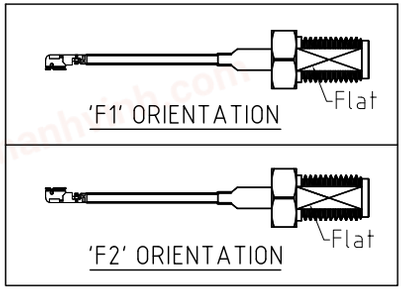
CAB556RF - X X X X - X X - X - 1

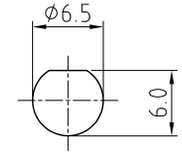
"L" LENGTH IN MM
eg: 100MM = 0100
(MIN. 0050, MAX. = 0400
STANDARD = 0100, 0150, 0200)
Tolerance: 50mm : ±2mm.
51-200mm: ±5mm.
201-400mm: ±7mm.

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)

WASHER AND NUT OPTIONS:
BLANK = SEPERATELY PACKED (STANDARD)
A = ASSEMBLED WITH CONNECTOR

CABLE SIZE:
1 = ϕ1.13MM CABLE, COLOR: BLACK





RECOMMENDED SMA MOUNTING HOLE

REV.	DATE & DRN	
1.0	03/03/'23 - NYW	RELEASE
1.1	07/04/'23 - NYW	DRAWING AMENDMENT.
1.2	22/02/'25 - CC	Add GCT logo.

Scale: NTS	THIRD ANGLE	Unstated Tolerances: .X N/A, .XX N/A, .XXX N/A, ANGLES N/A	Material SEE NOTE	Drawing Number: CAB556RF	
Drawn: CC					
App'd: XXX	Title CABLE ASSEMBLY		NOT TO SCALE	Sheet 1 of 1	
Date: 22 Feb. '25	Revision: 1.2		Unit: mm	Drawing C ◯	E and O E

GCT www.gct.co | GradConn www.gradconn.com

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