COAXIAL CABLE ASSEMBLY | CUSTOMER PRODUCT SPECIFICATION SHEET

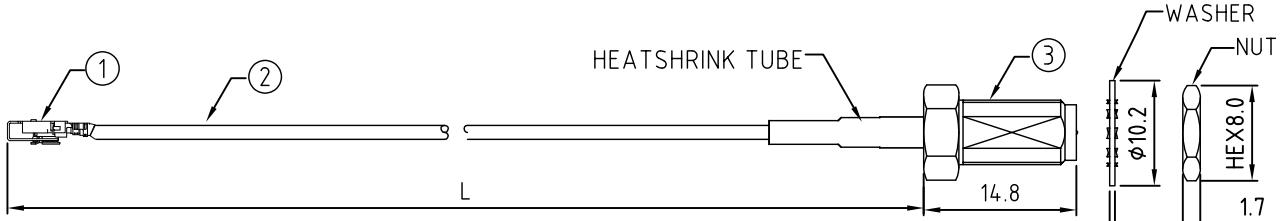
# CABLE 333 RF: I-PEX MHF I LK PLUG + RP SMA STRAIGHT BULKHEAD JACK + MULTIPLE CABLE SIZES

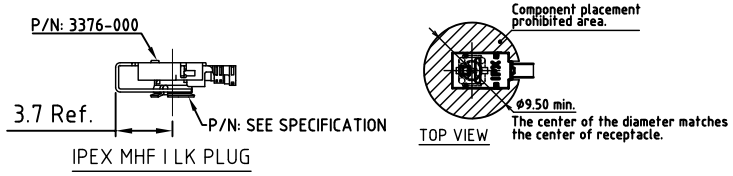
RoHS Compliant

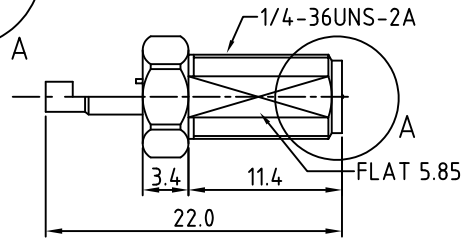
SPECIFICATIONS :
1. I-PEX MHF I LK PLUG, P/N:
   FOR Ø1.13MM CABLE: 20670-001R-13 + 3376-000.
   FOR Ø1.37MM CABLE: 20670-001R-37 + 3376-000.
2. COAXIAL CABLE, SEE P/N OPTIONS.
3. RP SMA STRAIGHT BULKHEAD JACK, P/N: RFCT-SMA018-F08.

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 25MM 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-3GHz.
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.



SMA DETAIL DRAWING

HOW TO ORDER

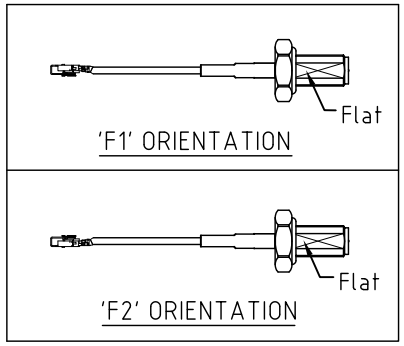
CABLE 333 RF - X X X - X X - X - X

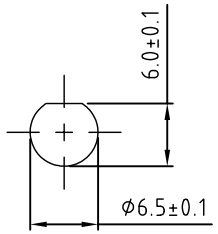
"L" LENGTH IN MM:
eg: 100MM = 100
(MIN. 025-MAX.400
STANDARD = 100, 150, 200)
Tolerance: 50-200mm: ±5mm.
201-400mm: ±7mm.

CABLE SIZE OPTIONS:
1 = Ø1.13MM CABLE, COLOR: GRAY
2 = Ø1.37MM CABLE, COLOR: BLACK

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=25-200MM)
F2 = MHF CONNECTION UP (L=25-200MM)
(SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)



RECOMMENDED SMA MOUNTING HOLE

| REV. | DATE & DRN | |
|---|---|---|
| 1.0 | 10/01/19 - NYW | RELEASE |
| 1.1 | 28/03/19 - NYW | AMEND SMA DESCRIPTION. |
| 1.2 | 20/01/20 - NYW | ADD 137 CABLE OPTION. ADD NOTES 5 & 6. |
| 1.3 | 27/07/20 - NYW | AMEND OPERATING TEMP.. |
| 1.4 | 29/09/20 - NYW | ADD MHF LK PROHIBITED AREA. |
| 1.5 | 03/12/20 - NYW | UPDATE MHF LK P/NS. |
| 1.6 | 16/02/25 - KY | Add GCT logo. |

| | | | | |
|---|---|---|---|---|
| Scale: NTS | THIRD ANGLE | Unstated Tolerances: .X N/A .XX N/A .XXX N/A ANGLES N/A | Material SEE NOTE | Type: Cable 333 RF |
| Drawn: KY | | | | CABLE 333 RF |
| App'd: XXX | Title CABLE ASSEMBLY | | NOT TO SCALE | Drawing Number: |
| Date: 16 FEB. '25 | Revision: 1.6 | | Unit: mm | Sheet 1 of 1 |

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

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Drawing © E and O E