



CABLE 176 RF: RF CABLE ASSEMBLY, PROBE R/A PLUG + SMA FEMALE BULKHEAD JACK + Ø1.37 CABLE

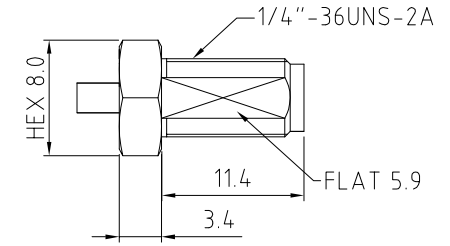
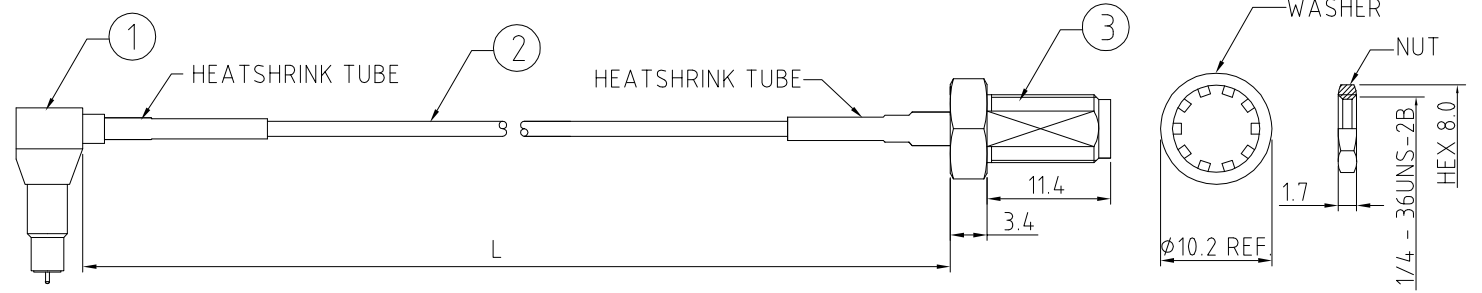
SPECIFICATIONS :

1. PROBE R/A PLUG MALE (C97DA33137005)
(SEE NEXT PAGE FOR DETAIL DRAWING.)
2. Ø1.37MM COAXIAL CABLE, COLOR: BLACK.
3. SMA STRAIGHT BULKHEAD JACK FEMALE (RFCT-SMA004-F37)

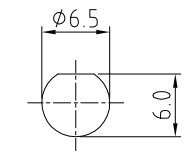
USAGE PRECAUTIONS: CABLES USING 'MICRO' COAX ARE DELICATE:
 (i) HANDLE WITH CARE.
 (ii) DO NOT TWIST; APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO NOT FORCEFULLY DEFORM WIRES.
 (iii) CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES ON HANDLING INSTRUCTIONS.

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 GRADCONN IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
4. WORKING FREQUENCY RANGE: DC-6GHz



SMA JACK DETAIL DIMENSION



RECOMMENDED SMA MOUNTING HOLE

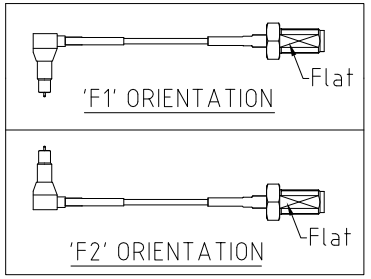
HOW TO ORDER
 CABLE 176 RF - XXX - XX - X - 1

"L" LENGTH IN MM
 eg: 100MM = 100
 (MIN. 025-MAX.400)
 STANDARD = 100, 150, 200
 Tolerance: <50mm : ±2mm.
 51-200mm: ±5mm.
 201-400mm: ±7mm.

CABLE SIZE:
 1 = Ø1.37MM CABLE, COLOR: BLACK

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

ORIENTATION OPTIONS:
 BLANK = DOES NOT HAVE A FIXED ORIENTATION
 F1 = PROBE R/A CONNECTION DOWN (L=25-220MM)
 F2 = PROBE R/A CONNECTION UP (L=25-220MM)
 (SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)



REV. DATE & DRN
 11 03/07/16 - NYW RELEASE
 11 09/09/20 - NYW
 AMEND SMA P/N & HEX.

Scale: NTS	THIRD ANGLE	Unstated X .XX .XXX ANGLES	Tolerances: N/A N/A N/A N/A	Material SEE NOTE
Drawn: NYW				
App'd: XXX	Title: CABLE ASSEMBLY	NOT TO SCALE		
Date: 9 SEP. '20	Revision: 1.1	Unit: mm		

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Type: Cable 176 RF
CABLE 176 RF
Drawing Number:
Sheet 1 of 1
Drawing © E and O E

C97DA33137005

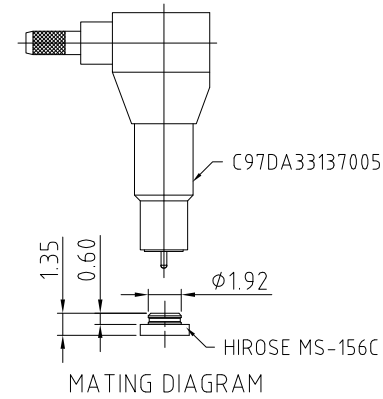
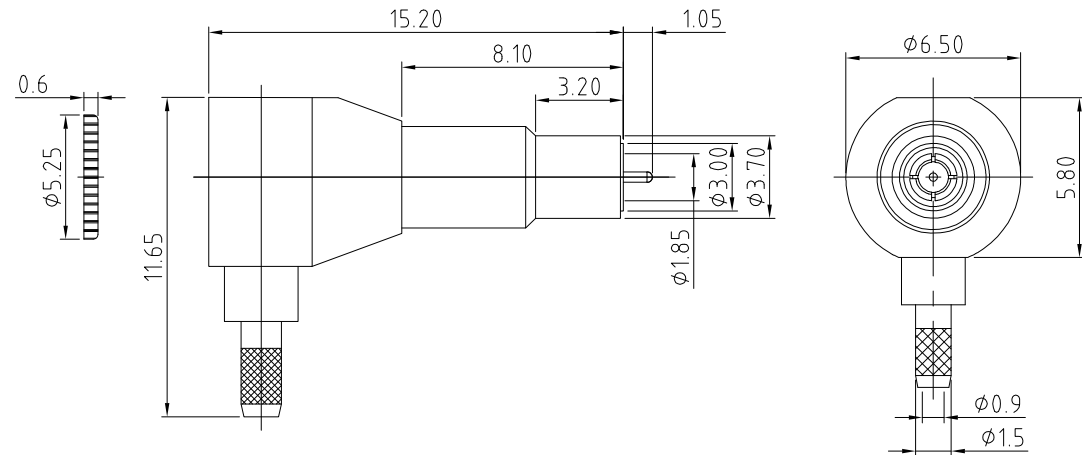
CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS
CompliantC97DA33137005: PROBE RIGHT ANGLE PLUG, CRIMP TYPE FOR $\phi 1.37$ CABLE

MATERIAL AND FINISH: -
 BODY: BRASS/PHOSPHOR BRONZE, NICKEL PLATED.
 CENTER CONTACT: BRASS/PHOSPHOR BRONZE, GOLD PLATED.
 INSULATOR: TEFLON.
 SPRING: STEEL.
 SLEEVE: BRASS, GOLD PLATED.
 CAP: BRASS, NICKEL PLATED.
 CRIMP FERRULE: BRASS, NICKEL PLATED.

SPECIFICATION: -
 FREQUENCY RANGE: DC - 8 GHz.
 IMPEDANCE: 50 Ohms
 VSWR: DC - 3 GHz < 1.4
 3 - 8 GHz < 1.8
 DIELECTRIC WITHSTANDING VOLTAGE: 300V rms
 INSULATION RESISTANCE: 500M Ohms
 COUPLING METHOD: SNAP-ON
 DURABILITY (MATING/UNMATING): 500 CYCLES
 EXTRACTION FORCE: 30N MAX
 DISENGAGEMENT FORCE: 3~40N.
 TEMPERATURE RANGE: -40° TO +85°

MATE WITH: HIROSE MS-156C SERIES SOCKETS

REV. DATE & DRN
10 01/07/14 - NYW RELEASE

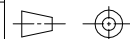
Scale: NTS

Drawn: NYW

App'd: XXX

Date: 1 JUL. '14

THIRD ANGLE



Title: PROBE PLUG

Revision: 1.0

 Unstated
 X
 .XX
 .XXX
 ANGLES

 Tolerances:
 ±0.25
 ±0.15
 ±0.05
 ±2°
Material
SEE NOTE

NOT TO SCALE

Unit: mm



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C97DA33137005

Drawing Number:

Sheet 1 of 1

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