

CAB561RF: I-PEX MHF 4L LK PLUG + Ø1.37MM CABLE + STRIP / TIN

SPECIFICATIONS :

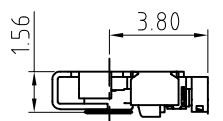
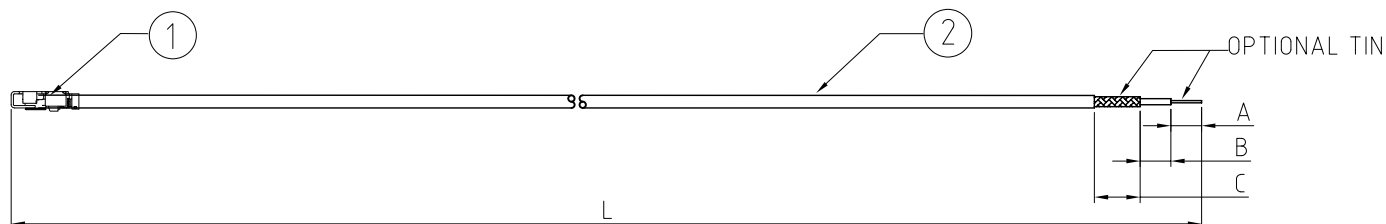
1. I-PEX MHF 4L LK PLUG, P/N: 20632-001R-37 + 3615-000.
2. Ø1.37MM COAXIAL CABLE, COLOR: BLACK.
3. TWISTED BRAID OR FLEXIBLE COPPER WIRE, LENGTH =
A (CENTRE CONDUCTOR) + B (INSULATOR). MINIMUM = 6.0MM.
LENGTH 6.0MM - 9.9MM: TWISTED BRAID.
LENGTH +10MM: FLEXIBLE COPPER WIRE.

USAGE PRECAUTIONS: CABLES USING 'MICRO' COAX ARE DELICATE:

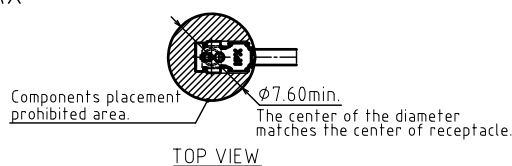
- (i) HANDLE WITH CARE.
- (ii) DO NOT TWIST; APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO NOT FORCEFULLY DEFORM WIRES.
- (iii) CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES ON HANDLING INSTRUCTIONS.

NOTES:

1. STRIP DIMENSION A / B / C STANDS FOR
A = CENTRE CONDUCTOR
B = INSULATOR
C = BRAID.
2. INSERTION LOSS TEST REPORT IS NOT AVAILABLE.
3. THIS IS OUR STANDARD OFFERING, SPECIAL DESIGNS ARE AVAILABLE, INCLUDING CUSTOM TOLERANCES AND SPECIAL BRAID TINNING DESIGNS. PLEASE CONTACT GCT FOR MORE INFORMATION.
4. CENTRE CONDUCTOR AND TWISTED BRAID OF COAX CABLE IS TINNED. WHEN BRAID LENGTH EXCEEDS 10MM LENGTH OF TINNED COPPER WIRE IS SOLDERED TO THE BRAID/SHIELD OF THE COAX CABLE WHICH ALLOWS SOLDERING TO PCB.
5. OPERATING TEMPERATURE: -40°C TO +85°C
6. IMPEDANCE: 50 OHM.



I-PEX MHF 4L LK PLUG



TOP VIEW

HOW TO ORDER
CAB561RF - X X X X - X.X / X.X / X.X - X

"L" LENGTH IN MM

eg: 100MM = 0100

(MIN.0 025 - MAX. 0400

STANDARD : 0100, 0150, 0200)

TOLERANCE: <50MM: ±2MM

51-200MM: ±5MM

201-400MM: ±7MM

A/B/C STRIP DIMENSION IN MM
FOR STANDARD LENGTH PLEASE
REFER TO DRAWINGS.
(SPECIALS AVAILABLE UPON
REQUEST.)

STRIP AND TIN OPTIONS:

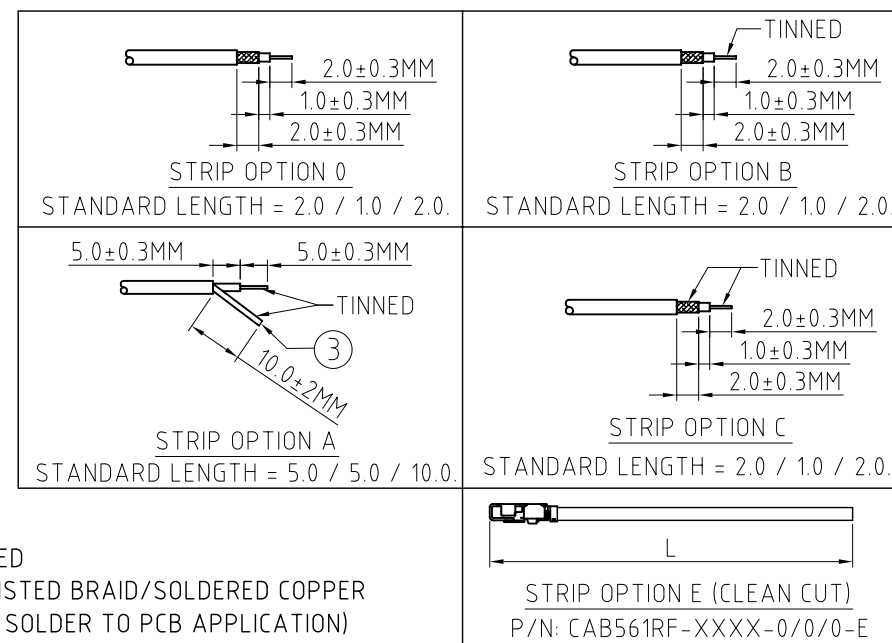
0 = STRIPPED ONLY, NOT TINNED

A = CENTER CONDUCTOR & TWISTED BRAID/SOLDERED COPPER
WIRE TINNED (SEE NOTE 4 FOR SOLDER TO PCB APPLICATION)

B = STRIPPED, END A TINNED

C = STRIPPED, END A & C TINNED

E = CLEAN CUT



STRIP OPTION A

STANDARD LENGTH = 5.0 / 5.0 / 10.0.

STRIP OPTION B

STANDARD LENGTH = 2.0 / 1.0 / 2.0.

STRIP OPTION C

STANDARD LENGTH = 2.0 / 1.0 / 2.0.

STRIP OPTION E (CLEAN CUT)

P/N: CAB561RF-XXXX-0/0/0-E

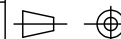
Scale: NTS

Drawn: CC

App'd: XXX

Date: 22 Feb. '25

THIRD ANGLE



Title CABLE ASSEMBLY

Revision: 1.1

Unstated

.X
.XX
.XXX
ANGLES

Tolerances:

N/A
N/A
N/A
N/A

Material

SEE NOTE

NOT TO SCALE

Unit: mm

GCT

www.gct.co

GRADCONN

www.gradconn.com

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Drawing Number:

CAB561RF

Sheet 1 of 1

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