

## CAB611RF: I-PEX MHF 5L PLUG + Ø1.13MM CABLE + STRIP / TIN

## SPECIFICATIONS :

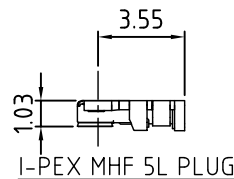
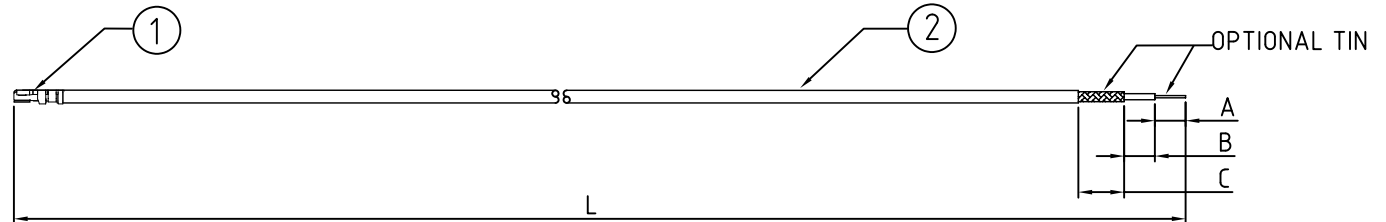
- I-PEX MHF 5L PLUG, P/N:20668-001R-13.
- Ø1.13MM COAXIAL CABLE, COLOR: GRAY.  
A (CENTRE CONDUCTOR) + B (INSULATOR). MINIMUM = 6.0MM.  
LENGTH 6.0MM - 9.9MM: TWISTED BRAID.  
LENGTH +10MM: FLEXIBLE COPPER WIRE.

## NOTES:

- STRIP DIMENSION A / B / C STANDS FOR  
A = CENTRE CONDUCTOR  
B = INSULATOR  
C = BRAID.
- INSERTION LOSS TEST REPORT IS NOT AVAILABLE.
- THIS IS OUR STANDARD OFFERING, SPECIAL DESIGNS ARE AVAILABLE, INCLUDING CUSTOM TOLERANCES AND SPECIAL BRAID TINNING DESIGNS. PLEASE CONTACT GCT FOR MORE INFORMATION.
- 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.
- OPERATING TEMPERATURE: -40°C TO +85°C
- IMPEDANCE: 50 OHM.

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

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



I-PEX MHF 5L PLUG

HOW TO ORDER  
CAB611RF - 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: &lt;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:

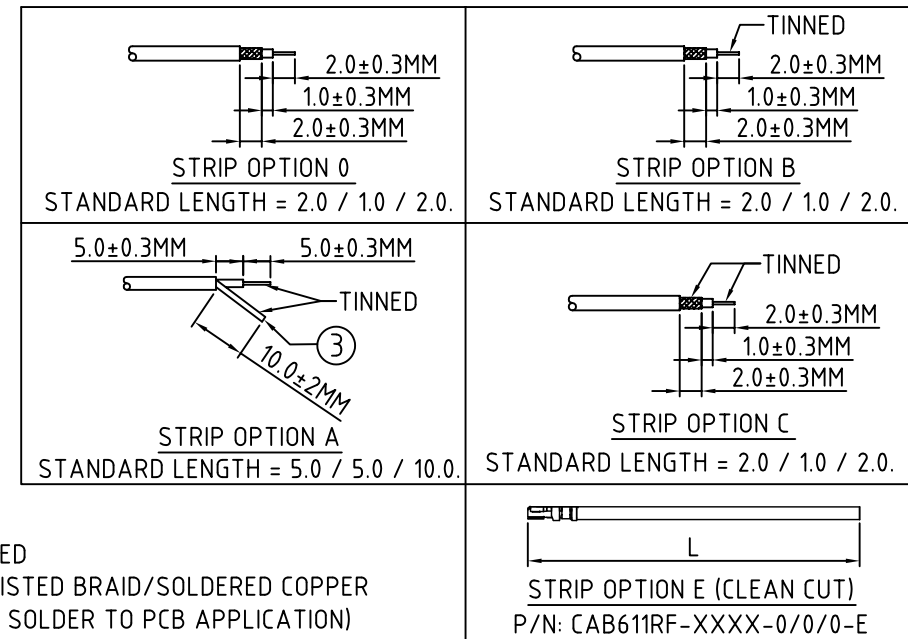
0 = STRIPPED ONLY, NOT TINNED

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 &amp; C TINNED

E = CLEAN CUT



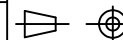
Scale: NTS

Drawn: CC

App'd: XXX

Date: 22 Feb. '25

THIRD ANGLE



Title CABLE ASSEMBLY

Revision: 1.1

Unstated Tolerances:  
CONNECTOR ±0.2  
STRIP ±0.3

ANGLES N/A

Material

SEE NOTE

NOT TO SCALE

Unit: mm

**GCT**

www.gct.co

**GRADCONN**

www.gradconn.com

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Drawing Number:

CAB611RF

Sheet 1 of 1

Drawing © E and O E