



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

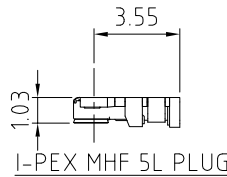
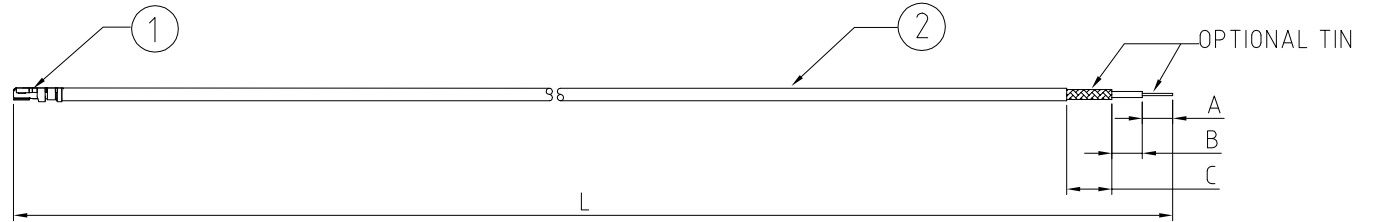
SPECIFICATIONS :

1. I-PEX MHF 5L PLUG, P/N:20668-001R-13.
2. 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.

**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 GRADCONN 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.



 STRIP OPTION 0 STANDARD LENGTH = 2.0 / 1.0 / 2.0	 STRIP OPTION B STANDARD LENGTH = 2.0 / 1.0 / 2.0
 STRIP OPTION A STANDARD LENGTH = 5.0 / 5.0 / 10.0	 STRIP OPTION C STANDARD LENGTH = 2.0 / 1.0 / 2.0
 STRIP OPTION E (CLEAN CUT) P/N: CAB611RF-XXXX-0/0/0-E	

HOW TO ORDER  
 CAB611RF - XXXX - 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

REV. DATE & DRN 1.0 07/12/23 - NYW RELEASE	Scale: NTS	THIRD ANGLE	Unstated Connector Tolerances: ±0.2 STRIP ±0.3	Material SEE NOTE	 www.gradconn.com	Drawing Number: CAB611RF
	Drawn: NYW		ANGLES N/A	NOT TO SCALE		Sheet 1 of 1
	App'd: XXX	Title: CABLE ASSEMBLY	Unit: mm	© THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT		Drawing © E and O E
	Date: 1 DEC. '23	Revision: 1.0				