RoHS Compliant

CABLE 347 RF: RF CABLE ASSEMBLY, I-PEX MHF IV L PLUG + 1.13MM CABLE + STRIP / TIN

SPECIFICATIONS:

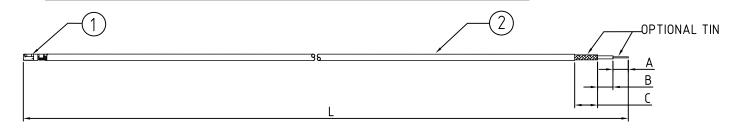
- 1. I-PEX MHF IV L PLUG (20565-001R-13)
- 2. 1.13MM COAXIAL CABLE, COLOR: BLACK.
- 3. TWISTED BRAID OR FLEXIBLE COPPER WIRE, LENGTH =
 A (CENTRE CONDUCTOR) + B (INSULATOR). MINIMUM = 6.0MM.
 LENGTH 6.0MM 9.9MM: TWISTED BRAID.
 LENGTH +10MM: FLEXIBLE COPPER WIRE.

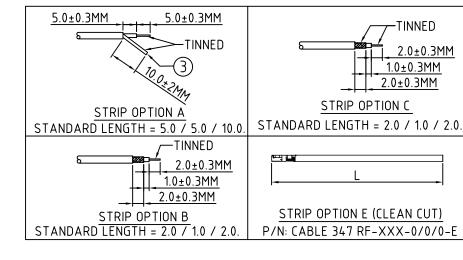
NOTES:

- 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 +90°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.





HOW TO ORDER

CABLE 347 RF - X X X - X.X / X.X / X.X - X

"L" LENGTH IN MM
eg: 100MM = 100
(MIN. 025 - MAX. 400
STANDARD : 100, 150, 200)
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:

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

88	Scale: NTS	THIRD ANGLE Unstated Tolerances: .X N/A .XX N/A	Material		Type: Cable 347 RF
ALL ALL	Drawn: CC	XXXX N/A ANGLES N/A	SEE NOTE	GC GRADCONN	CABLE 347 RF
REV. DATE & DRN 10 28/16/19 - NYW RELEASE 11 22/02/75 - CC Add GCT togo.	App'd: XXX	Title CABLE ASSEMBLY	NOT TO SCALE	www.gct.co www.gradconn.com	Drawing Number: Sheet 1 of 1
REV. D. 10 28/11 22/0 Add G. A	Date: 22 Feb. '25	Revision: 1.1	Unit: mm	THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE	Drawing (C) E and O E