NOTES:

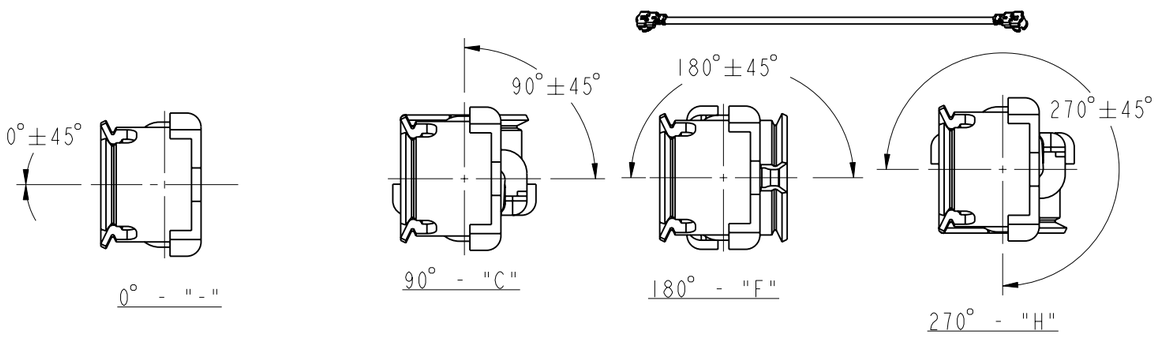
1. ELECTRICAL:
 A. IMPEDANCE: 50 Ω (NOMINAL)
 B. FREQUENCY RANGE: 0-6 GHz
 C. CONTACT RESISTANCE: CENTER: 20 mΩMAX.: MEASURED AT 10mA MAX., 25 mΩMAX AFTER CYCLING
 OUTSIDE: 10 mΩ MAX.: MEASURED AT 10mA MAX., 15 mΩMAX AFTER CYCLING
 D. INSULATION RESISTANCE: 500 MΩ MIN.: MEASURED AT 100V DC.
 E. WITHSTANDIN VOLTAGE: NO LINE OR INSULATION BREAKDOWN: 200V AC FOR 1 MIN.
 F. V.S.W.R. : 1.3 MAX. AT DC TO 3 GHz, 1.4 MAX. AT 3 TO 6 GHz
 G. TYPICAL INSERTION LOSS : 0.0022*L* √Frequency in GHz]+0.087* Frequency in GHz]

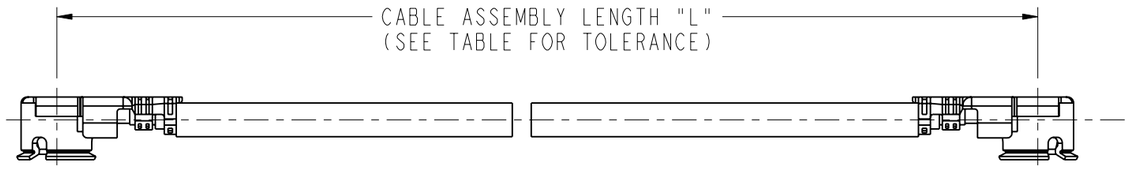
2. PHYSICAL:
 A. FEMALE CONTACT HOLDING FORCE: 0.1 N MIN. : MEASURED WITH A ∅0.475 MM PIN GAUGE.
 B. DURABILITY: 30 CYCLES
 C. TEMPERATURE RANGE: -40°C TO +90°C.
 D. AMC CONNECTOR MATING FORCE: 20 N MAX.
 E. AMC CONNECTOR DEMATING FORCE: 10 N MIN.
 F. AMC INTERFACE IS FULLY COMPATIBLE WITH "U.FL" SERIES PRODUCT.

3. MATERIALS AND FINISHES(PLATING THICKNESS IN MICRO-INCHES):
 CONNECTOR BODY: PHOSPHOR BRONZE, AU 0.05 um MIN. PLATED OVER NI 1.0 um MIN.
 CONNECTOR CENTER CONTACT: PHOSPHOR BRONZE , AU 0.1 um MIN. PLATED OVER NI 1.0 um MIN.
 CONNECTOR INSULATOR: PBT, UL94V-0, BLACK
 CABLE JACKET: FEP
 CABLE DIELECTRIC: FEP
 CABLE CENTER CONDUCTOR: COPPER WIRE STRANDED, SILVER PLATED
 CABLE OUTER CONDUCTOR: COPPER WIRE BRAID, TIN PLATING

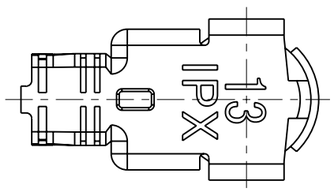
THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
H	REDRAWN, GOLD PLATING WAS SILVER PLATING; OLD PN "A-IPAG" COMBINED TO "A-IPA-" ; NO "A-IPAG" FOR NEW PN	08-Jan-19	10390	JTS

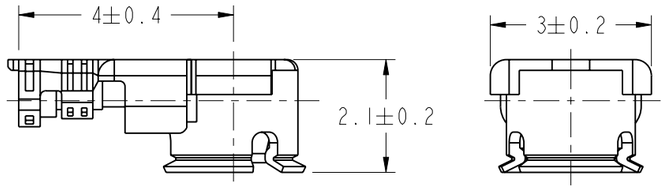




SCALE 5.000



CABLE ASSEMBLY OVERALL LENGTH TOLERANCE	
OVERALL LENGTH L (mm)	STANDARD TOLERANCE (mm)
20 <= L < 35	± 2
35 <= L < 200	± 4
200 <= L < 500	± 8
500 <= L < 1000	± 12
1000 <= L	±1.5 %



A-IPAXI13-XXXYZ

- AMC RIGHT ANGLE PLUG
- CONNECTOR ORIENTATION
  - = 0° F=180°
  - C = 90° H=270°
  - G = LEGACY, DO NOT USE FOR NEW DESIGNS
- CABLE TYPE (113 = 1.13MM CABLE)
- CABLE LENGTH IN MM (L<1000MM)
  - EXAMPLE : 020 = 20MM
  - 150 = 150MM
  - CHANGE"-"TO "X"(L>=1000MM)
  - EXAMPLE : 1020 = 1020MM
- NUMBER OF TERMINATED ENDS (1 OR 2)
- CABLE COLOR

A=ORANGE	P=PURPLISH RED
B=BLACK	R=RED
C=CURRY	U=BLUE
E=GREEN	W=WHITE
G=GRAY	Y=YELLOW
N=BROWN	

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

<0.5mm	0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
± 0.05mm	±0.1mm	±0.2mm	± 0.3mm	±1°

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MATERIAL

REFERENCE

EAR#

REF:

CONFIGURATION LEVEL: In Work

FINISH

DRAWN	JEKY	DATE 29-Jan-19
ENGINEER	FIGO	DATE 29-Jan-19
APPROVED	FIGO	DATE 14-Feb-19
CAD FILE		

TITLE
AMC PLUG TO AMC PLUG JUMPER ASSEMBLY ON 1.13MM CABLE

SCALE: 3.0:1.0 | SHEET 2 OF 2

DWG SIZE B | REV H

Amphenol RF
www.amphenolrf.com

DRAWING NO. A-IPAXI13-XXXYZ
ITEM NO. A-IPAXI13-XXXYZ
PART NO. A-IPAXI13-XXXYZ