

I. ELECTRICAL:

A. IMPEDANCE: 50 Ω (NOMINAL)

B. FREQUENCY RANGE: 0-6 GHz

C. CONTACT RESISTANCE: CENTER: 20 m Ω MAX.: MEASURED AT 10mA MAX., 25 m Ω MAX AFTER CYCLING
OUTSIDE: 10 m Ω MAX.: MEASURED AT 10mA MAX., 15 m Ω MAX AFTER CYCLING

D. INSULATION RESISTANCE: 500 M Ω MIN.: MEASURED AT 100V DC.

E. WITHSTANDIN VOLTAGE: NO LINE OR INSULATION BREAKDOWN: 200V AC FOR 1 MIN.

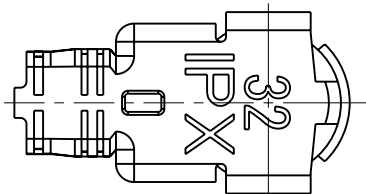
F. V.S.W.R. : 1.3 MAX. AT DC TO 3 GHz, $\sqrt{1.4}$ MAX. AT 3 TO 6 GHz $\sqrt{\quad}$

G. TYPICAL INSERTION LOSS : 0.0022*L* Frequency in GHz]+0.087* Frequency in GHz]

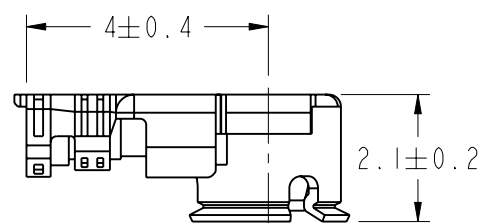
2. PHYSICAL:

- A. FEMALE CONTACT HOLDING FORCE: 0.1 N MIN. : MEASURED WITH A Ø0.475 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.

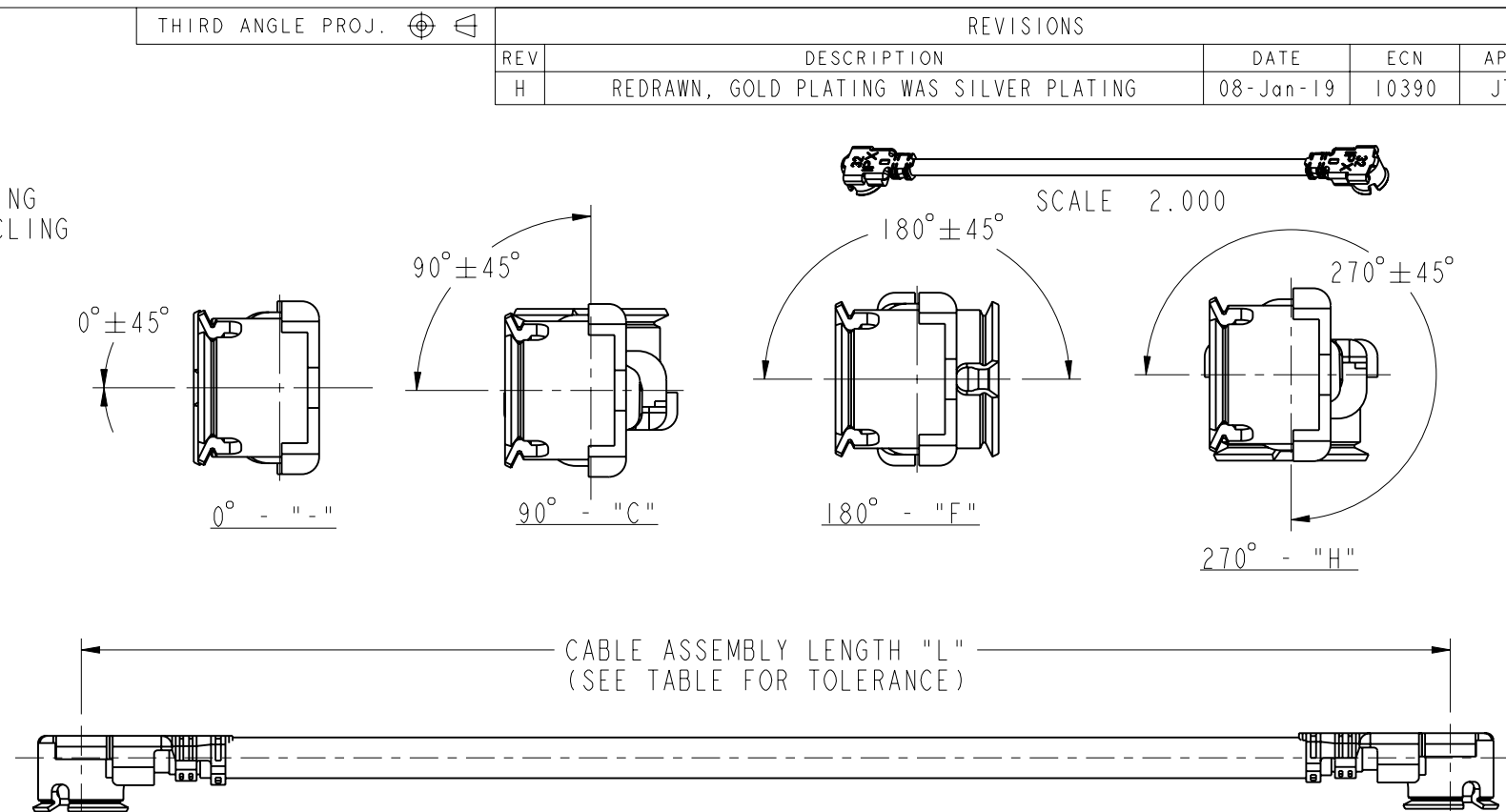
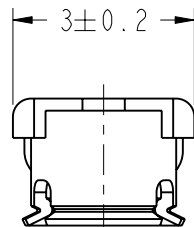
3. MATERIALS AND FINISHES(PLATING THICKNESS IN MICRO-INCHES):
CONNECTOR BODY: PHOSPHOR BRONZE, AU 0.05 μ m MIN. PLATED OVER NI 1.0 μ m MIN.
CONNECTOR CENTER CONTACT: PHOSPHOR BRONZE , AU 0.1 μ m MIN. PLATED OVER NI 1.0 μ m MIN.
CONNECTOR INSULATOR: PBT, UL94V-0, BLACK
CABLE JACKET: FEP
CABLE DIELECTRIC: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



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 %



SCALE 8.000



A - 1 P A X 1 3 2 - X X X - Y Z

AMC RIGHT ANGLE PLUG

CONNECTOR ORIENTATION

- = 0° F = 180°
- C = 90° H = 270°
- G = LEGACY, DO NOT USE FOR NEW DESIGNS

CABLE TYPE

(132 = 1.32MM 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
- B = BLACK
- C = CURRY
- E = GREEN
- G = GRAY
- N = BROWN

- P = PURPLISH RED
- R = RED
- U = BLUE
- W = WHITE
- Y = YELLOW

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°					MATERIAL		DRAWN		DATE		TITLE AMC PLUG TO AMC PLUG JUMPER ASSEMBLY ON 1.32MM CABLE				Amphenol RF www.amphenolrf.com			
NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.							JEKY		29-Jan-19									
					REFERENCE		ENGINEER		DATE									
							FIGO		29-Jan-19									
					EAR#		APPROVED		DATE									
					REF:		FIGO		14-Feb-19									
CONFIGURATION LEVEL: In Work					CAD FILE		SCALE: 3.0:1.0				SHEET 2 OF 2							
FINISH							DWG SIZE B				REV H							
											DRAWING NO. A-1PAX132-XXXXYZ							
											ITEM NO. A-1PAX132-XXXXYZ							
											PART NO. A-1PAX132-XXXXYZ							

Mouser Electronics

Authorized Distributor

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