NOTES:

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 I MIN.

F. V.S.W.R. : I.3 MAX. AT DC TO 3 GHz, $\sqrt{$ I.4 MAX. AT 3 TO 6 GHz $\sqrt{}$

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

2. PHYSICAL:

A. FEMALE CONTACT HOLDING FORCE: O.I 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 O.I um MIN. PLATED OVER NI I.O um MIN.

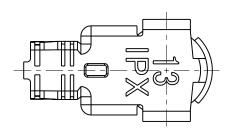
CONNECTOR INSULATOR: PBT, UL94V-0, BLACK

CABLE JACKET: FEP

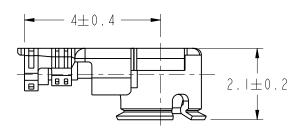
CABLE DIELECTRIC: FEP

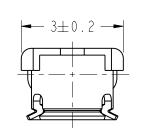
CABLE CENTER CONDUCTOR: COPPER WIRE STRANDED, SILVER PLATED

CABLE OUTER CONDUCTOR: COPPER WIRE BRAID, TIN PLATING

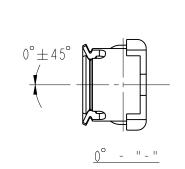


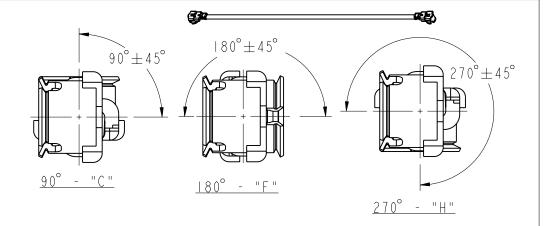
CABLE ASSEMBLY OVERALL LENGTH TOLERANCE				
OVERALL LENGTH L (mm)	STANDARD TOLERANCE (mm)			
20 <= L < 35	± 2			
35 <= L < 200	± 4			
200 <= L < 500	± 8			
500 <= L < 1000	± 12			
1000 <= L	±1.5 %			

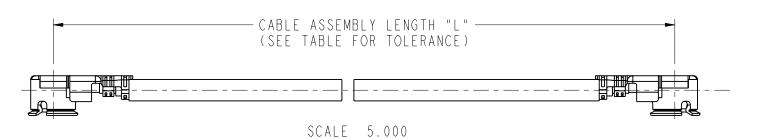


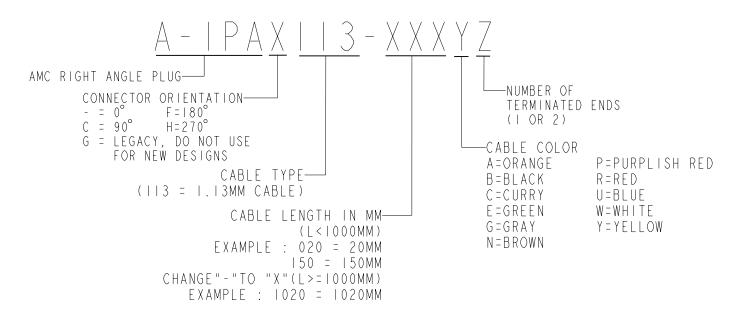


THIRD ANGLE PROJ.	$\oplus \ \dashv$		REVISIONS			
		REV	REV DESCRIPTION		ECN	APPR
		Н	REDRAWN, GOLD PLATING WAS SILVER PLATING; OLD PN "A-IPAG" COMBINED TO "A-IPA-"; NO "A-IPAG" FOR NEW PN	08-Jan-19	10390	JTS









CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

\pm 0.05mm	\pm 0 . Imm	\pm 0.2mm	\pm 0.3mm	±Ι°	
NOTICE - These	drawings, speci	fications, or oth	er data (I) are,	and remain the	
property of Amp	henol čorp. (2) must be returne	d upon request;	and (3) are	
confidential ar	nd not to be disc	closed to any per	son other than tl	nose to whom they	/
are given by An	nphenol Corp. 🕕	he furnishing of	these drawings, :	specifications, d	٦c
		or to any other p			
		ion or otherwise			
		er or any other p			
		, patented or oth			
related to or o	disclosed by said	d drawings, speci	fications, or otl	ner data.	

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

6 - 30mm 30 - 120mm

0.5 - 6mm

	MATERIAL	DRAWN	DATE	TI
		JEKY	29 - Jan - 19	
		ENGINEER	DATE	
	REFERENCE	FIGO	29 - Jan - 19	
	EAR#	APPROVED	DATE	(
)	REF:	FIGO	14-Feb-19	SC
	CONFIGURATION LEVEL: In Work	CAD FILE		
	FINISH			

TITLE		
AMC PLUG TO AI	MC PLUG	
JUMPER ASSEMBI	LY	
ON L.I3MM CABI	DRAWING	
SCALE: 3.0:1.0 SHEET 2 C)F 2	
DWG SIZÉ	REV	ITEM NO.
В	H	PART NO.

Amphenol RF				
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