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NOTES:

1. MATERIALS AND FINISHES:
CONNECTOR A - GEN 2.0 FAKRA STR PLUG - 2FA1-NZSP-C01W1
CONNECTOR B - GEN 3.0 FAKRA STR JACK - 3FA1-NZSJ-C01W0
CABLE - RG 174

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. MECHANICAL:
A. TEMPERATURE RANGE: -40°C TO +85°C

4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95FPZFJZSHXXX AND DATE CODE"

REVDESCRIPTIONDATEECNAPPR

ARELEASE TO MFG.14-OCT-2015368CJV

CONNECTOR A

HEAT SHRINK TUBE
TYP(2)

INTERFACE PER
349-50688
SERIES: FAKRA PLUG

25.40
[1.000]
TYP(2)

LENGTH "L" (SEE TABLE)

CONNECTOR B

INTERFACE PER
DIN 72594-1
SERIES: FAKRA JACK

SCALE0.300

LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH "L" IN INCHES [METERS]
95FPZFJZSH-012	-	12.00 [0.305]
95FPZFJZSH-024	-	24.00 [0.610]
-	95FPZFJZSHM100	39.37 [1.000]
-	95FPZFJZSHM500	196.85 [5.000]

TOLERANCE TABLE	
LENGTH IN INCHES/FT [METERS]	TOLERANCE
0" - 23.90" [0 - 0.607]	±0.25" [0.006]
24.00" - 59.00" [0.610 - 1.499]	±0.50" [0.013]
5.0' - 24.9' [1.524 - 7.617]	±2.5%
25.0' & UP [7.620 & UP]	±5.0%

DESIGN REQUIREMENTS:

☒ FREQUENCY: DC - 3 GHz

☒ CONTINUITY

☐ VSWR: ____ MAX.

☒ HI-POT: 500 VRMS

☐ INS. LOSS: ____ dB MIN.

☐ OTHER

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THIRD ANGLE PROJ.REFERENCE

EAR#
10014

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:
<0.5mm = ±0.05mm [$<0.020 = \pm0.002$]
>0.5 - 6mm = ±0.1mm [$>0.020 - 0.236 = \pm0.004$]
>6.00 - 30mm = ±0.2mm [$>0.236 - 1.181 = \pm0.008$]
>30.00 - 120mm = ±0.3mm [$>1.181 - 4.725 = \pm0.012$]
ANGLES = ±1°

MATERIAL
SEE NOTES

ENGINEER
VIJI K

DATE
17-JUL-20

TITLE
GEN 2.0 FAKRA STR PLUG TO
GEN 3.0 FAKRA STR JACK
USING RG 174 CABLE "Z" CODE
VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 1.7:1.0

Amphenol RF

SIZE
B

DRAWING NO. 95FPZFJZSHXXX
ITEM NO. 95FPZFJZSHXXX
PART NO. 95FPZFJZSHXXX

REV
A

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