

5

4

3

2

1

NOTES:

1. MATERIALS AND FINISHES:
GEN 2.0 FAKRA STR PLUG - 2FA1-NZSP-C04E1
CABLE - IGUS HI-FLEX RG 58
MIN. BEND RADIUS: 55MM

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC-3GHz

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

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

5. THE MINIMUM LENGTH OF 12 INCHES IN THE LENGTH TABLE IS A STRICT REQUIREMENT TO PREVENT THE DISPLACEMENT OF THE CABLE JACKET WHEN ASSEMBLYING THE CABLE ASSEMBLIES.

REV

DESCRIPTION

DATE

ECN

BY

A

RELEASE TO MFG.

15-JUN-26

17965

SEH

CONNECTOR A

HEAT SHRINK TUBE
TYP(2)

CONNECTOR B

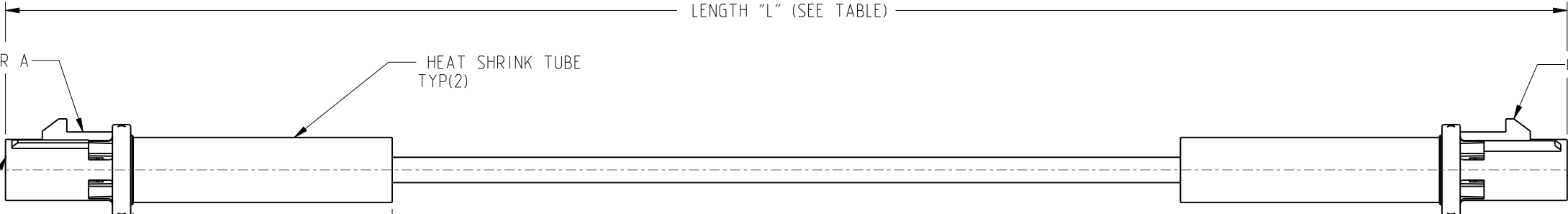
ORIENT FAKRA PLUG
WITH RESPECT TO FAKRA LOCK
FEATURE
AS SHOWN WITHIN ±10°
FOR LENGTHS LESS THAN 500MM

LENGTH "L" (SEE TABLE)

31.75 REF
[1.250]
TYP(2)

INTERFACE PER
349-50688
SERIES: FAKRA PLUG
TYP(2)

SCALE 0.250



CODING

COLOR

RAL NO.

A

JET BLACK

9005

B

CREAM

9001

C

SIGNAL BLUE

5005

D

CLARET VIOLET

4004

E

LEAF GREEN

6002

F

NUT BROWN

8011

G

BLUE GREY

7031

H

HEATHER VIOLET

4003

I

BEIGE

1001

K

CURRY

1027

L

CARMINE RED

3002

M

PASTEL ORANGE

2003

N

PASTEL GREEN

6019

Z

WATER BLUE

5021

TYPE

CONNECTOR A

CONNECTOR B

CONFIGURATION
ORIENTATION

CABLE TYPE

CABLE LENGTH

95

FPX

FPX

S

K

-XXX

KEYING
A,B,C...

GENDER
P = PLUG

CONNECTOR TYPE
F = FAKRA

STANDARD ARF "95" SERIES
CABLE PREFIX

ORIENTATION
S-STRAIGHT TO STRAIGHT

CABLE TYPE
K - RG-58

LENGTH CODE
SEE LENGTH TABLE

LENGTH TABLE

PART NUMBER
(IMPERIAL)

PART NUMBER
(METRIC)

LENGTH AND "L" IN INCHES
[METERS]

95FPXFPXSK-012

-

12.00 [0.305]

95FPXFPXSK-018

-

18.00 [0.457]

95FPXFPXSK-024

-

24.00 [0.610]

95FPXFPXSK-036

-

36.00 [0.914]

-

95FPXFPXSKM100

39.37 [1.000]

-

95FPXFPXSKM200

78.74 [2.000]

-

95FPXFPXSKM300

118.11 [3.000]

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]

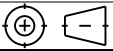
±5.0%

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.



REFERENCE

EAR#
13061

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

ENGR.1
S. HOFFLER

ENGR.2

DATE
19-JUN-25

TITLE
GEN 2 FAKRA STR PLUG TO GEN
2 FAKRA STR PLUG
USING CFKOAX2.01 CABLE
VARIOUS LENGTHS

SHEET NO. 2 OF 2

SCALE: 1.5:1.0

Amphenol RF

SIZE
B

DRAWING NO.
95FPXFPXSK-XXX

ITEM NO.
95FPXFPXSK-XXX

PART NO.
95FPXFPXSK-XXX

REV
A

5

4

3

2

1