

5

4

3

2

1

NOTES:

1. MATERIALS AND FINISHES:
MINI FAKRA AUTOMATE TYPE A STR JACK QUAD: FM4-NZSJ-C30W0
CABLE - TFC 302 LL

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: PACKAGING TO BE MARKED
"AMPHENOL RF, 95-820-182-XXX AND DATE CODE"

SEE TABLE

CONNECTOR A

PORT: 4

PORT: 1

PORT: 3

PORT: 2

UNSEALED MF FRONT

LENGTH 'L' (SEE TABLE)

INTERFACE PER
MINI FAKRA JACK
TYP(2)

CONNECTOR B

PORT: 4

PORT: 1

PORT: 3

PORT: 2

DESIGN REQUIREMENTS:

☒ FREQUENCY: DC - 9 GHz

☒ CONTINUITY

☐ VSWR: ____ 1 MAX.

☒ HI-POT: 500 VRMS

☐ INS. LOSS: ____ dB MAX.

☐ OTHER

LENGTH TABLE

PART NUMBER (METRIC)	LENGTH 'L' IN METERS [INCHES]
95-820-182M100	1.00 [39.370]
95-820-182M300	3.00 [118.110]
95-820-182M500	5.00 [196.850]
95-820-182M700	7.00 [275.591]
95-820-182M900	9.00 [354.331]
95-820-182M12L	12.00 [472.441]

CONNECTOR A	CONNECTOR B
PORT 1	PORT 4
PORT 2	PORT 3
PORT 3	PORT 2
PORT 4	PORT 1

TOLERANCE TABLE

LENGTH IN INCHES/FT [METERS]	TOLERANCE
0" - 23.99" [0 - 0.609]	±0.25" [0.006]
24.00" - 59.99" [0.610 - 1.523]	±0.50" [0.013]
5.0' - 24.99' [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

Amphenol RF

SIZE

B

DRAWING NO.

95-820-182-XXX

ITEM NO.

95-820-182-XXX

PART NO.

95-820-182-XXX

REV

A

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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

ENGR.1

SIVA

ENGR.2

DATE

21-Jul-22

TITLE

MINI FAKRA AUTOMATE TYPE A
STR JACK QUAD TO MINI FAKRA
AUTOMATE TYPE A STR JACK QUAD
USING TFC 302 LL CABLE VARIOUS LENGTH

SHEET NO.

2 OF 2

SCALE:

1.4:1.0

THIRD ANGLE PROJ.

REFERENCE

EAR#

11302

5

4

3

2

1