

NOTES:

1. MATERIALS AND FINISHES:  
MINI FAKRA AUTOMATE TYPE A STR JACK QUAD: FM4-NZSJ-C30W0  
GEN 3.5 FAKRA STR JACK IP 67: 3FA1ENZSJ-C30E6
- CABLE - TFC 302 LL
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM
3. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: PACKAGING TO BE MARKED  
"AMPHENOL RF, 95-820-199-XXX AND DATE CODE"

SEE TABLE

PORT: 4

PORT: 1

PORT: 3

PORT: 2

INTERFACE PER  
MINI FAKRA JACK  
KEY CODING: Z

3.4 REF  
[.134]  
TYP(4)

MARK WITH WHITE INK:  
"95-820-199-XXX & DATE CODE  
PORT 1"  
TYP(2)

MARK WITH WHITE INK:  
"95-820-199-XXX & DATE CODE  
PORT 4"  
TYP(2))

MARK WITH WHITE INK:  
"95-820-199-XXX & DATE CODE  
PORT 3"  
TYP(2)

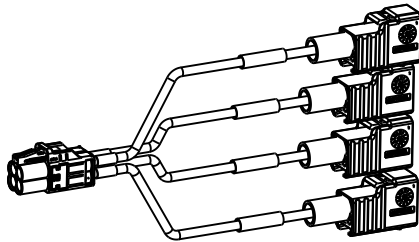
MARK WITH WHITE INK:  
"95-820-199-XXX & DATE CODE  
PORT 2"  
TYP(2)

ADHESIVE LINED  
HEAT SHRINK TUBE  
TYP(4)

LABEL  
TYP(8)

19 REF  
[.748]  
TYP(8)

75 REF  
[2.953]  
TYP(4)



SCALE 0.425

INTERFACE PER  
FAKRA JACK  
KEY CODING: Z  
TYP(4)

DESIGN REQUIREMENTS:

- ☒ FREQUENCY: DC - 6 GHz
- ☒ CONTINUITY
- ☐ VSWR: \_\_\_\_ MAX.
- ☒ HI-POT: 500 VRMS
- ☐ INS. LOSS: \_\_\_\_ dB MAX.
- ☐ OTHER

LENGTH TABLE

PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN METERS [INCHES]
95-820-199-006	-	0.1524 [6.00]
-	95-820-199M100	1.000 [39.37]
-	95-820-199M200	2.000 [78.74]

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

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UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:  
<0.5mm = ±0.05mm [ $<0.020 = \pm 0.002$ ]  
0.5 - 6mm = ±0.1mm [ $>0.020 - 0.236 = \pm 0.004$ ]  
>6.00 - 30mm = ±0.2mm [ $>0.236 - 1.181 = \pm 0.008$ ]  
>30.00 - 120mm = ±0.3mm [ $>1.181 - 4.725 = \pm 0.012$ ]

ANGLES = ±1°

MATERIAL  
SEE NOTES

ENGR.1  
SIVA

ENGR.2  
M.ZHANG

DATE  
17-Apr-24

TITLE  
MINI FAKRA AUTOMATE TYPE A  
STR JACK QUAD TO GEN 3.5  
FAKRA STR JACK IP 67 USING  
TFC 302 LL CABLE VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 1.8:1.0

Amphenol RF

SIZE	DRAWING NO. 95-820-199-XXX	REV
	ITEM NO. 95-820-199-XXX	
	PART NO. 95-820-199-XXX	