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NOTES:

1. MATERIALS AND FINISHES:
SMA STR BHD JACK IP 67 - BRASS, GOLD PLATING

MHF-1-LK RA PLUG:
HOUSING - PBT, BLACK
CONTACT AND GROUND CONTACT - PHOSPHOR BRONZE, SILVER PLATING

CABLE - 1.13 MM CABLE

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-902-585-XXX AND DATE CODE"

REVDESCRIPTIONDATEECNBY
ARELEASE TO MFG.15-FEB-2316570TR

SCALE 1.000

LOCK WASHER

8.00 MM WRENCH

O RING

14.30 REF
[0.563]

5.85 'D' FLAT
[0.230]

11.00 MM WRENCH

1/4-36UNS-2A THREAD

12.70±1.27
[0.500±0.050]

HEAT SHRINK TUBE

INTERFACE PER MIL-STD-348
SERIES: SMA JACK

LENGTH 'L' (SEE TABLE)

INTERFACE PER MHF-1-LK PLUG

RECOMMENDED MOUNTING HOLE DIMENSIONS

Ø6.60
[0.260]

6.10
[0.240]

DESIGN REQUIREMENTS:

☒ FREQUENCY: DC - 6 GHz

☒ CONTINUITY

☐ VSWR: ____ MAX.

☒ HI-POT: 200 VRMS

☐ INS. LOSS: ____ dB MAX.

☐ OTHER:

LENGTH TABLE

PART NUMBER (METRIC)	LENGTH 'L' AND TOLERANCE IN MM (INCHES)
95-902-585-050	50.00 ± 3.81 [1.969 ± 0.150]
95-902-585-100	100.00 ± 3.81 [3.937 ± 0.150]
95-902-585-150	150.00 ± 3.81 [5.906 ± 0.150]
95-902-585-200	200.00 ± 5.08 [7.874 ± 0.200]
95-902-585-250	250.00 ± 5.08 [9.843 ± 0.200]
95-902-585-300	300.00 ± 5.08 [11.811 ± 0.200]
95-902-585-400	400.00 ± 5.08 [15.748 ± 0.200]

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

ANGLES = ±1°

MATERIAL
SEE NOTES

ENGR.1
THAMBI RAJ

ENGR.2

DATE
27-DEC-22

TITLE
SMA STR BHD JACK IP 67
TO MHF-1-LK RA PLUG USING
1.13 MM CABLE VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 3.3:1.0

Amphenol RF

SIZE
B

DRAWING NO. 95-902-585-XXX

ITEM NO. 95-902-585-XXX

PART NO. 95-902-585-XXX

REV
A

THIRD ANGLE PROJ.

REFERENCE

EAR#
11657

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