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NOTES:

1. MATERIALS AND FINISHES:
SMA RA PLUG - BRASS, GOLD PLATING

AMC RA PLUG:
HOUSING - PBT, BLACK
CONTACT & GROUND CONTACT - PHOSPHOR BRONZE, GOLD 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, 95-902-575-XXX AND DATE CODE"

SCALE 0.600

LENGTH 'L' (SEE TABLE)

HEAT SHRINK TUBE

12.70±1.27
[0.500±0.050]

8.00 MM
WRENCH

INTERFACE PER
MIL-STD-348
SERIES: SMA PLUG

INTERFACE PER
AMC PLUG

LENGTH TABLE

PART NUMBER (IMPERIAL)	LENGTH 'L' AND TOLERANCE IN MM (INCHES)
95-902-575-050	50.00 ± 3.81 [1.969 ± 0.150]
95-902-575-100	100.00 ± 3.81 [3.937 ± 0.150]
95-902-575-150	150.00 ± 3.81 [5.906 ± 0.150]
95-902-575-200	200.00 ± 5.08 [7.874 ± 0.200]
95-902-575-250	250.00 ± 5.08 [9.843 ± 0.200]
95-902-575-300	300.00 ± 5.08 [11.811 ± 0.200]

DESIGN REQUIREMENTS:

☒ FREQUENCY: DC - 9 GHz

☐ VSWR: ____ MAX.

☐ INS. LOSS: ____ dB MAX.

☒ CONTINUITY

☒ HI-POT: 200 VRMS

☐ OTHER:

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THIRD ANGLE PROJ.

REFERENCE

EAR#
11157

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
KARTHIK

ENGR.2

DATE
08-FEB-22

TITLE
SMA RA PLUG TO
AMC RA PLUG
USING 1.13 MM CABLE
VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 3.5:1.0

Amphenol RF

SIZE
B

DRAWING NO. 95-902-575-XXX

ITEM NO. 95-902-575-XXX

PART NO. 95-902-575-XXX

REV
A

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CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY