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NOTES:
1. MATERIALS AND FINISHES:
SMB PLUG:
BODY - BRASS, GOLD PLATING
CONTACT - BERYLLIUM COPPER, GOLD PLATING
INSULATOR - PTFE
CABLE - RG-174
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL, 95-700-37-XXXX, AND DATE CODE"

REVDESCRIPTIONDATEECNBY

ARELEASE TO MANUFACTURING13-MAY-2115703CC

INTERFACE PER
MIL-STD-348
SERIES: SMB PLUG
TYP (2)

25.4±1.27
[1±.050]
TYP(2)

LENGTH 'L' (SEE TABLE)

SCALE 0.750

DESIGN REQUIREMENTS

☒ FREQUENCY:DC TO 4 GHz

☒ CONTINUITY

☐ VSWR:---- :1 MAX

☒ HI-POT:750 VRMS

☐ INS. LOSS:---- dB MAX

☐ OTHER

95-700-37-006---6.00 [0.152]

---95-700-37-M0259.842 [0.250]

95-700-37-012---12.00 [0.305]

95-700-37-016---16.00 [0.406]

95-700-37-018---18.00 [0.4572]

---95-700-37-M05019.685 [0.500]

95-700-37-024---24.00 [0.610]

---95-700-37-M07529.528 [0.750]

95-700-37-036---36.00 [0.9144]

---95-700-37-M10039.370 [1.000]

95-700-37-048---48.00 [1.219]

---95-700-37-M12549.213 [1.250]

---95-700-37-M15059.055 [1.500]

95-700-37-060---60.00 [1.524]

95-700-37-072---72.00 [1.829]

---95-700-37-M20078.740 [2.000]

---95-700-37-M300118.11 [3.000]

PART NUMBER
(IMPERIAL)

PART NUMBER
(METRIC)

LENGTH 'L'
IN INCHES [METERS]

60" - 120" [1.524-1.826]±2.5%

24.00" - 59.90" [0.610 - 1.521]±0.50" [0.013]

0" - 23.90" [0-0.607]±0.25" [0.006]

LENGTH IN INCHES [METERS]TOLERANCE

TOLERANCE TABLE

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 = ±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]

MATERIAL

SEE NOTES

TITLE
SMB PLUG TO SMB PLUG
ON RG-174 CABLE
VARIOUS LENGTHS

ENGINEER
C.CROTTY

DATE
13-MAY-21

SHEET NO. 2 OF 2

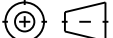
SCALE: 2.0:1.0

Amphenol RF

SIZE
B

DRAWING NO. 95-700-37-XXXX
ITEM NO. 95-700-37-XXXX
PART NO. 95-700-37-XXXX

REV
A

THIRD ANGLE PROJ. REFERENCE
EAR#
10626

ANGLES = ±1°

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