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NOTES:
1. MATERIALS AND FINISHES:
BODY - BRASS, GOLD PLATING
CONTACT - BERYLLIUM COPPER, GOLD PLATING
INSULATOR - PTFE
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL, 95-700-38-XXXX, AND DATE CODE"

REVDESCRIPTIONDATEECNBY

ARELEASE TO MANUFACTURING14-MAY-2115708CC

SCALE 0.750

LENGTH 'L' (SEE TABLE)

25.4±1.27
[1±.050]
TYP(2)

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

95-700-38-006	---	6.00 [0.152]
---	95-700-38-M025	9.842 [0.250]
95-700-38-012	---	12.00 [0.305]
95-700-38-016	---	16.00 [0.406]
95-700-38-018	---	18.00 [0.4572]
---	95-700-38-M050	19.685 [0.500]
95-700-38-024	---	24.00 [0.610]
---	95-700-38-M075	29.528 [0.750]
95-700-38-036	---	36.00 [0.9144]
---	95-700-38-M100	39.370 [1.000]
95-700-38-048	---	48.00 [1.219]
---	95-700-38-M125	49.213 [1.250]
---	95-700-38-M150	59.055 [1.500]
95-700-38-060	---	60.00 [1.524]
95-700-38-072	---	72.00 [1.829]
---	95-700-38-M200	78.740 [2.000]
---	95-700-38-M300	118.11 [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	

DESIGN REQUIREMENTS

☒ FREQUENCY:DC TO 4 GHz

☒ CONTINUITY

☐ VSWR:---- :1 MAX

☒ HI-POT:750 VRMS

☐ INS. LOSS:---- dB MAX

☐ OTHER

THIRD ANGLE PROJ.REFERENCEEAR#10627

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°

MATERIALSEE NOTES

ENGINEER
C.CROTTYDATE
26-APR-21

TITLE
SMB PLUG TO SMB PLUG
ON RG-58 CABLE
VARIOUS LENGTHS

SHEET NO. 2 OF 2SCALE: 1.5:1.0

SIZE
B

DRAWING NO. 95-700-38-XXXX
ITEM NO. 95-700-38-XXXX
PART NO. 95-700-38-XXXX

REV
A

Amphenol RF

5

4

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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

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