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NOTES:
1. MATERIALS AND FINISHES:
CONNECTOR A: 112162- R/A BNC CRIMP PLUG
CONNECTOR B: 112144- STR BNC CRIMP JACK
CABLE: RG-58

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. MECHANICAL:
A. TEMPERATURE RANGE: -40° C TO 80° C

4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL, 95-850-268-XXX, AND DATE CODE"

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	2/1/2021	15525	DG

SCALE 0.500

CONNECTOR A:
INTERFACE PER
MIL-STD-348
SERIES: BNC PLUG

HEAT SHRINK TUBING
TYP (2)

25.4±1.27
[1.00±.05]
(TYP)

CONNECTOR B:
INTERFACE PER
MIL-STD-348
SERIES: BNC JACK

LENGTH 'L' (SEE TABLE)

LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
95-850-268-006	-	6.000 [0.152]
-	95-850-268M025	9.843 [0.250]
95-850-268-012	-	12.000 [0.305]
95-850-268-016	-	16.000 [0.406]
95-850-268-018	-	18.000 [0.457]
-	95-850-268M050	19.685 [0.500]
95-850-268-024	-	24.000 [0.609]
-	95-850-268M075	29.528 [0.750]
95-850-268-036	-	36.000 [0.914]
-	95-850-268M100	39.970 [1.000]
95-850-268-048	-	48.000 [1.219]
-	95-850-268M125	49.000 [1.250]
-	95-850-268M150	59.050 [1.500]
95-850-268-060	-	60.000 [1.524]
95-850-268-072	-	72.000 [1.829]
-	95-850-268M200	78.740 [2.000]
-	95-850-268M300	118.110 [3.000]
95-850-268-120	-	120.000 [3.048]
95-850-268-144	-	144.000 [3.658]
95-850-268-180	-	180.000 [4.572]
-	95-850-268M500	196.850 [5.000]
95-850-268-300	-	300.000 [7.620]
-	95-850-268M10L	393.700 [10.000]
95-850-268L050	-	600.000 [15.240]
-	95-850-268M20L	787.400 [20.000]
95-850-268L075	-	900.000 [22.860]
-	95-850-268M30L	1181.000 [30.000]
95-850-268L100	-	1200.000 [30.480]

TOLERANCE TABLE	
LENGTH IN INCHES/FT [METERS]	TOLERANCE
0" - 23.90" [0-0.607]	±0.25" [0.006]
24.00" - 59.00" [0.610 - 14.99]	±0.50" [0.013]
5.0' - 24.9' [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

DESIGN REQUIREMENTS

☒ FREQUENCY: DC TO 6.0 GHz

☒ CONTINUITY

☐ VSWR: ---- :1 MAX

☒ HI-POT: 1500 VRMS

☐ INS. LOSS: ---- dB MAX

☐ OTHER

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THIRD ANGLE PROJ.

REFERENCE

EAR#
10445

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

ENGINEER
D.GEORGE

TITLE
BNC R/A PLUG
BNC STR JACK
RG-58, VARIOUS LENGTHS

DATE
1/31/2021

Amphenol RF

SIZE
B

DRAWING NO. 95-850-268-XXX
ITEM NO. 95-850-268-XXX
PART NO. 95-850-268-XXX

REV
A

SHEET NO. 2 OF 2

SCALE: 1.0:1.0

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