

NOTES:

I. MATERIALS AND FINISHES:  
HD-BNC STR PLUG - BRASS, NICKEL PLATING  
BERYLLIUM COPPER, NICKEL PLATING  
PHOSPHOR BRONZE, GOLD PLATING  
PTFE, NATURAL  
BNC CRIMP JACK - BRASS, NICKEL PLATING  
PHOSPHOR BRONZE, GOLD PLATING  
PTFE, NATURAL  
CABLE - BELDEN 4855R

2. ELECTRICAL:  
A. IMPEDANCE: 75 OHM  
3. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 95-850-193-XXX, AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

| REV | DESCRIPTION     | DATE      | ECO  | APPR |
|-----|-----------------|-----------|------|------|
| A   | RELEASE TO MFG. | 10-Apr-18 | 7641 | BMG  |

SCALE 0.500

LENGTH "L" (SEE TABLE)

| LENGTH TABLE              |                         |                                  |
|---------------------------|-------------------------|----------------------------------|
| PART NUMBER<br>(IMPERIAL) | PART NUMBER<br>(METRIC) | LENGTH 'L' IN<br>INCHES [METERS] |
| 95-850-193-006            | -                       | 6.00 [0.152]                     |
|                           | 95-850-193M025          | 9.84 [0.250]                     |
| 95-850-193-012            | -                       | 12.00 [0.305]                    |
| 95-850-193-018            | -                       | 18.00 [0.457]                    |
| -                         | 95-850-193M050          | 19.69 [0.500]                    |
| 95-850-193-024            | -                       | 24.00 [0.610]                    |
| -                         | 95-850-193M075          | 29.53 [0.750]                    |
| 95-850-193-036            | -                       | 36.00 [0.914]                    |
| -                         | 95-850-193M100          | 39.37 [1.000]                    |
| 95-850-193-048            | -                       | 48.00 [1.219]                    |
| -                         | 95-850-193M125          | 49.21 [1.250]                    |
| -                         | 95-850-193M150          | 59.06 [1.500]                    |
| 95-850-193-060            | -                       | 60.00 [1.524]                    |
| 95-850-193-072            | -                       | 72.00 [1.829]                    |
| -                         | 95-850-193M200          | 78.74 [2.000]                    |
| -                         | 95-850-193M300          | 118.11 [3.000]                   |
| 95-850-193-120            | -                       | 120.00 [3.048]                   |
| 95-850-193-144            | -                       | 144.00 [3.658]                   |
| 95-850-193-180            | -                       | 180.00 [4.572]                   |
|                           | 95-850-193M500          | 196.85 [5.000]                   |
| 95-850-193-300            | -                       | 300.00 [7.620]                   |
| -                         | 95-850-193M10L          | 393.70 [10.000]                  |
| 95-850-193-600            | -                       | 600.00 [15.240]                  |
| -                         | 95-850-193M20L          | 787.40 [20.000]                  |
| 95-850-193-900            | -                       | 900.00 [22.860]                  |
| -                         | 95-850-193M30L          | 1181.10 [30.000]                 |
| 95-850-193L100            | -                       | 1200.00 [30.480]                 |

DESIGN REQUIREMENTS:

☒ FREQUENCY : DC TO 12 GHz

☐ VSWR : 1 MAX

☐ INS. LOSS : dB MAX

☐ CONTINUITY

☒ HI-POT: 1000 VRMS

☐ OTHER

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:  
2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES  
±.015 (0.381 mm) ±.005 (0.127 mm) ± 1°

NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

MATERIAL  
SEE NOTES

REFERENCE  
EAR # 7771

CONFIGURATION LEVEL: In Work

FINISH

DRAWN  
B. GREENBAUM

ENGINEER  
B. GREENBAUM

APPROVED  
K. CAPOZZI

CAD FILE

DATE  
23-Jun-17

DATE  
23-Jun-17

DATE  
10-Apr-18

TITLE  
BNC STR CRIMP JACK TO  
HD-BNC STR CRIMP PLUG  
ON BELDEN 4855R,  
VARIOUS LENGTHS

SCALE: 1.7:1.0

SHEET 2 OF 2

DWG SIZE  
B

REV  
A

Amphenol RF  
www.amphenolrf.com

DRAWING NO. 95-850-193-XXX

ITEM NO. 95-850-193-XXX

PART NO. 95-850-193-XXX

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY