

1. MATERIALS AND FINISHES:
BODY AND RETAINING RING - BRASS, NICKEL PLATING
CONTACT - PHOSPHOR BRONZE, GOLD PLATING
FERRULE - COPPER, NICKEL PLATING
INSULATOR - PTFE, NATURAL

3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -40°C TO +85°C

5. CABLE ASSEMBLY INSTRUCTIONS:
 - A. TRIM CABLE AS SHOWN.
 - B. SLIDE FERRULE ONTO THE CABLE.
 - C. WHEN CRIMPING CONTACT PIN TO CABLE, CRIMP WITH AMPHENOL TOOL 227-944 (M22520/5-01) AND DIE SET 227-1221-11, CAVITY 'B' (M22520/5-11, CLOSURE 'B').
 - D. WHEN CRIMPING FERRULE TO CABLE, CRIMP WITH AMPHENOL TOOL 227-944 (M22520/5-01) AND DIE SET 227-1221-11, CAVITY 'A' (M22520/5-11, CLOSURE 'A').

Technical drawing of a cable assembly showing dimensions in inches and millimeters:

- Overall length: 15.06 [0.593]
- Length of the braided section: 11.10 [0.437]
- Length of the braided section (Braid): 8.71 [0.343]
- Radius of the end fitting: R0.20 [0.008]



Technical drawing of the AMPHENOL 36800 connector, showing side and end views with dimensions.

Side View Dimensions:

- Overall length: 25.35 REF [0.998]
- Outer diameter of the main body: $\varnothing 12.95$ REF [0.510]
- Inner diameter of the main body: $\varnothing 4.27$ REF [0.168]
- Length of the main body: 3.18 [0.125]
- Length of the contact pin: 1.09 [0.043]

End View Details:

- Feature: CONTACT
- Feature: STAMP "AMPHENOL 36800"
- Feature: INTERFACE PER BNC JACK

043]

Technical drawing of a ferrule. The drawing shows a side view of a cylindrical component. The diameter is specified as $\varnothing 5.23$ with a tolerance of $[0.206]$. A surface texture symbol is present on the top surface. The length of the component is indicated as 25.40 REF. with a tolerance of $[1.000]$. The component is labeled "FERRULE".

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.

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] |

SEE NOTES

ENGR.1
D, ROYCE

ENGR.2
M.ZHANG

| | |
|------|-----------|
| DATE | 27-APR-23 |
|------|-----------|

QUICK CRIMP BNC STR JACK
FOR RG 58/U, RG 58A/U,
RG 58B/U, RG 58C/U, RG 141/U,
RG 141A/U CABLE

SHEET NO. 2 OF 2

SCALE: 4.0:1.0

Amphenol RF

| | | |
|---------------|-------------|-------|
| SIZE B | DRAWING NO. | 36800 |
| | ITEM NO. | 36800 |
| | PART NO. | 36800 |

REV
P

THIRD ANGLE PROJ. 