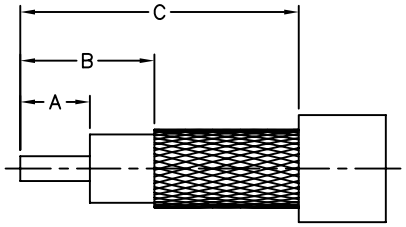
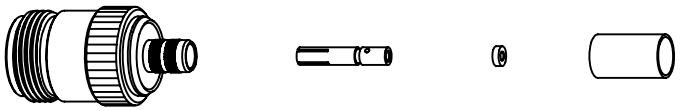


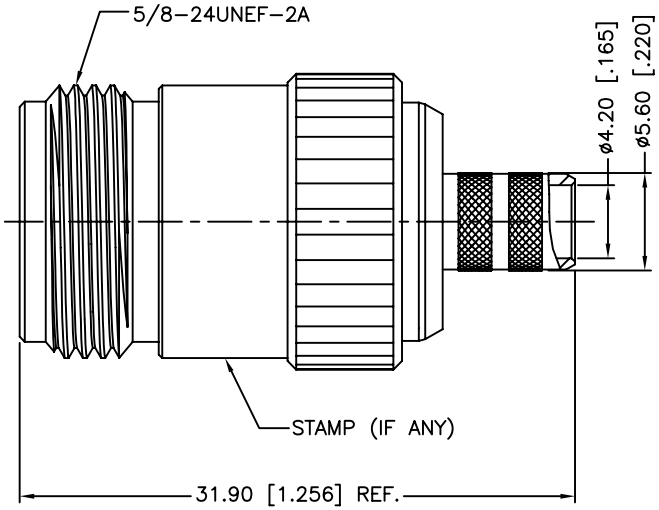

LMR–240

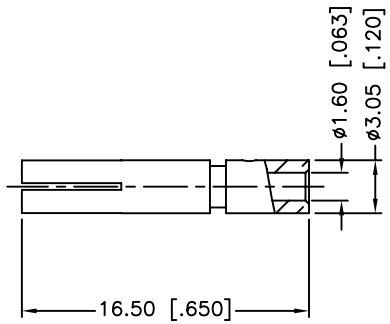


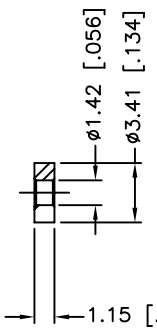

RG–8/X

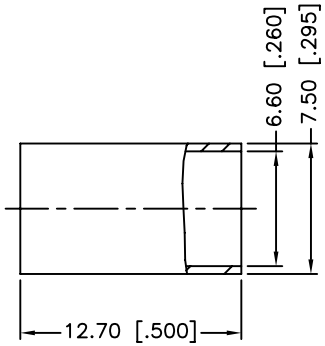
| REV. | DATE | ECR NO. | DESCRIPTION |
|---|---|---|---|
| NC | 10/08/08 | XXXXXX | INITIAL RELEASE |
| A | 12/05/99 | XXXXXX | UPDATE DRAWING |
| B | 01/21/07 | XXXXXX | UPDATE DRAWING FORMAT |
| C | 04/07/08 | XXXXXX | REVISE BODY, FERRULE PLATING TO NEXCOTE |
| D | 12/02/13 | 2663 | ADD SPACER, ADD TABLE A AND MODIFY STRIPPING DIMENSIONS<br>ADD ELECTRICAL/MECHANICAL NOTES, UPDATE DRAWING FORMAT |






1. IMPEDANCE: 50 OHM
2. FREQUENCY RANGE: 0–11 GHZ
3. DIELECTRIC WITHSTANDING VOLTAGE: 2500 VRMS, MIN.
4. DURABILITY: 500 CYCLES MIN.
5. TEMPERATURE RANGE: –65°C TO +165°C
6. CRIMPED FERRULE
   HEX. CRIMP SIZE .255"
7. CRIMPED CONTACT PIN
   HEX. CRIMP SIZE .100"
8. SEE TABLE A FOR RECOMMENDED
   CABLE STRIPPING DIMENSIONS

| TABLE A | | | | |
|---|---|---|---|---|
| CABLE TYPE | DIMENSION A | DIMENSION B | DIMENSION C | SPACER REQUIRED |
| LMR–240 | 5.15 [.203] | 7.70 [.303] | 16.00 [.630] | YES |
| RG–8/X | 4.00 [.157] | 7.70 [.303] | 16.00 [.630] | NO |

| | DESCRIPTION | MATERIAL | FINISH | QTY |
|---|---|---|---|---|
| 6 | FERRULE | BRASS | NEXCOTE | 1 |
| 5 | SPACER | PTFE | NATURAL | 1 |
| 4 | CONTACT PIN | PHOSPHOR BRONZE | GOLD | 1 |
| 3 | BARREL | BRASS | NEXCOTE | 1 |
| 2 | INSULATOR | PTFE | NATURAL | 1 |
| 1 | BODY | BRASS | NEXCOTE | 1 |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. DIMENSIONS IN [ ] ARE IN INCHES AND FOR CUSTOMER REFERANCE ONLY.
UNLESS OTHERWISE SPECIFIED TOLERANCES FOR MILLIMETERS ARE:
<0.5 ± 0.05mm
0.5 – 6mm ± 0.10mm
6 – 30mm ± 0.20mm
30 – 120mm ± 0.30mm
ANGLES ± 1°
UNLESS OTHERWISE SPECIFIED TOLERANCES FOR INCHES ARE:
<.020 ± 0.002"
.020 – .236 = ± 0.004"
.236 – 1.180 = ± 0.007"
1.180 – 4.724 = ± 0.012"
ANGLES ± 1°

DO NOT SCALE DRAWING

| APPROVALS | DATE |
|---|---|
| DRAWN M.ZHANG | 12/02/13 |
| CHECKED | |
| ISSUED | |
| SHEET 1 OF 1 | |

CAD FILE C:/CONNEX/172148.DWG

# Amphenol Connex

PART DESCRIPTION
N CRIMP JACK
(FOR RG–8/X, LMR–240 CABLE)

PART NO. 172148

DWG. NO. 172148.DWG | REV. D | SIZE A | SCALE NA

# Unikeyic Electronics

Global Electronic Components Distributor

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## Amphenol:

DAPO15S365TLF LD15P33E4GV00LF 70218-1116LF 54202-G0805CLF 68001-200HLF 91614-403ALF D15P13A6RV12LF 68001-108HLF 86130202123355E1LF 67996-204HLF 68000-236HLF 69192-408HLF 86093967896755LF 86093968191755E3LF LD25S33E4GV00LF DCMF37P DEM09P032N 70430-164LF 68002116HLF 863013A 76384-316LF 86093968813H45V1LF RJSBE5080C2 54202-S08-07LF 65781-158 CD15S13E4RV09LF RJE061661210 70234-112LF 86093488314745V1LF 95157-140LF