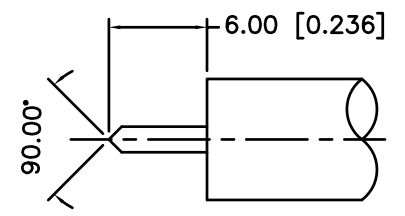
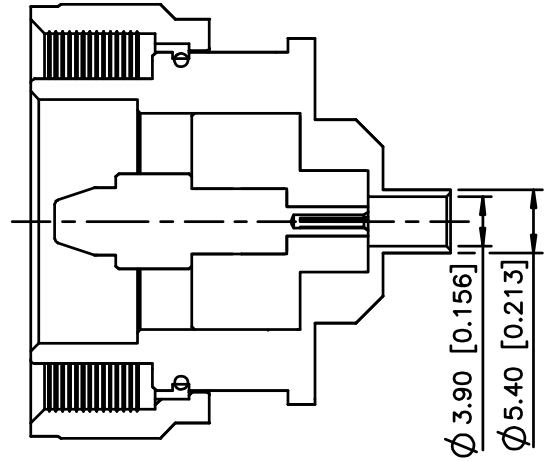
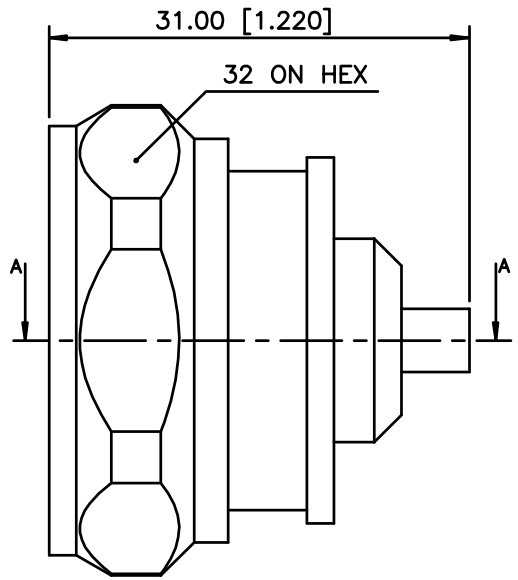


| REV. | DATE | ECR NO | DESCRIPTION |
|------|----------|--------|--------------------------------------|
| A | 12/29/00 | -- | UPDATE PLATING TO SILVER |
| B | 06/15/10 | 2015 | UPDATE DIMENSIONS, DRAWING AND NOTES |



NOTES:

| | | | |
|---------------------------|--|------------------------------|--|
| REFERENCE STANDARD | IEC60169-4 | II. MECHANICAL PERFORMANCE | V. ASSEMBLE INNER CONDUCTOR INSTALLED AND OUTER CONDUCTOR SOLDERED |
| 1. ELECTRIC PERFORMANCE | | RETENTION | >5.88N |
| IMPEDANCE(Ω): | 50 | MECHANICAL WEAR | 500 |
| FREQUENCY RANGE: | DC-3GHz | TENSILE FORCE(CABLE-CONNECT) | 180N |
| VSWR: | ≤11 | TORSION(CABLE-CONNECT) | 0.3N.m |
| INSERT LOSS(dB) | ≤0.05 | IV. ENVIRONMENT | |
| PIM(dBc) | ≤170.6 | TEMP.RANGE | -55°C TO +155°C |
| INSULATION RESISTANCE(MΩ) | >5000 | WEATHER STANDARD | IEC 60068 55 / 155 / 56 |
| WORK VOLTAGE (V) | 1500 | THERMAL SHOCK | US MIL-STD 202,METH.107,COND.B |
| CONDUCTOR RESISTANCE (mΩ) | OUTER CONDUCTOR<0.2 INNER CONDUCTOR<0.8 | VIBRATION | US MIL-STD 202,METH.204,COND.B |
| | | SHOCK | US MIL-STD 202,METH.213,COND.I |
| | | ROHS COMPLIANT | |

| DESCRIPTION | MATERIAL | FINISH | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS | APPROVALS | DATE | Amphenol Connex | | | |
|-------------------|---------------|-------------|--|---------------|----------|--|----------|------------|------|
| 1 INNER CONDUCTOR | SPRING COPPER | SILVER | DIMENSIONS IN [] ARE IN INCHES | DRAWN CLEMENT | 02/09/10 | TITLE 7/16 PLUG - RG402 CABLE & 0.141 S/R CABLE | | | |
| 2 OUTER CONDUCTOR | BRASS | WHITEBRONZE | FOR CUSTOMER REFERENCE ONLY | CHECKED | | | | | |
| 3 INSULATOR | PTFE | | UNLESS OTHERWISE SPECIFIED TOLERANCES FOR MILLIMETERS ARE: | ISSUED | | SIZE | FSCM NO. | DWG. NO. | REV. |
| 4 | | | 0.5-6 = ± 0.2 | | | A | 99001 | 272109.DWG | B |
| 5 | | | 6-30 = ± 0.4 | | | | | | |
| 6 | | | 30-120 = ± 0.6 | | | | | | |
| 7 | | | 120-315 = ± 1 | | | | | | |
| 8 | | | 315-1000 = ± 1.6 | | | | | | |
| | | | 1000-2000 = ± 2.4 | | | SCALE | PART NO. | SHEET | |
| | | | DO NOT SCALE DRAWING | | | NA | 272109 | 1 OF 1 | |