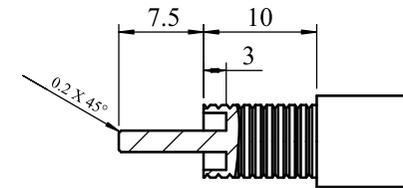
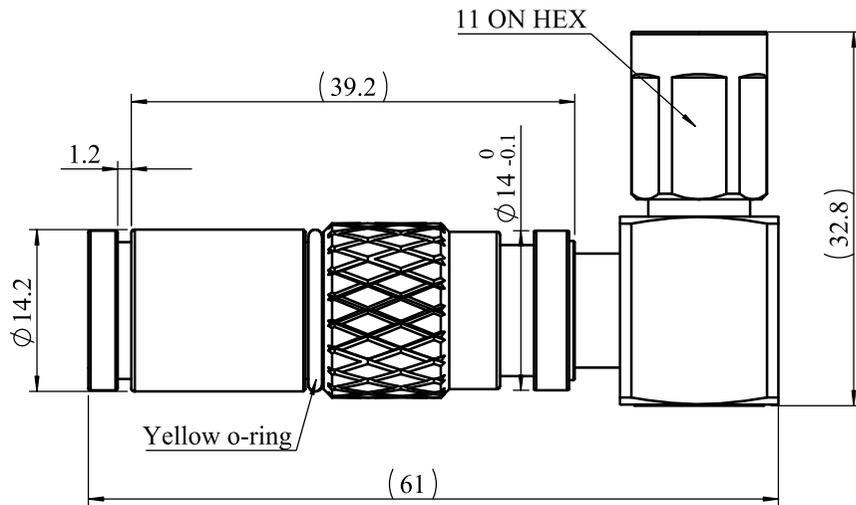
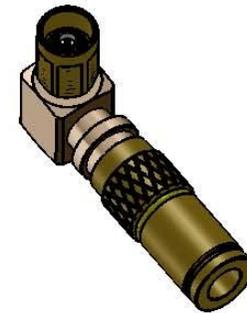


REVISIONS

| REV | DESCRIPTION | DATE |
|-----|---------------|------------|
| 1 | LENGTH CHANGE | 2023.12.19 |



RECOMMENDED
CABLE STRIPPING DIM'S



| | |
|-------------------------------|----------------------|
| REFERENCE STANDARD | IEC61169 |
| 1. ELECTRIC PERFORMANCE | |
| NOMINAL IMPEDANCE(Ω) | 50 |
| FREQUENCY RANGE | DC-6GHz |
| VSWR | ≤1.15(DC~3GHz) |
| | ≤1.35(3~6GHz) |
| PIM(dBc) | ≤-160 (2x43dBm) |
| INSERT LOSS (dB) | ≤ 0.05√F(GHz) |
| INSULATION RESISTANCE(MΩ) | ≥5000 |
| PROOF VOLTAGE(V) | 1000 |
| CONTACT RESISTANCE(mΩ) | OUTER CONDUCTOR <1.5 |
| | INNER CONDUCTOR<1.5 |
| 2. MECHANICAL PERFORMANCE | |
| MATING CYCLES | 500 |
| TENSILE FORCE(CABL-CONNECTOR) | 250N |
| TORSION(CABLE-CONNECTOR) | 1.5N.m |

| | | |
|-------------------------|------------------------|--------------------|
| 3. MATERIAL AND PLATING | | |
| INNER CONDUCTOR | SPRING COPPER | Ag3μm |
| OUTER CONDUCTOR | BRASS | Copper-tin-zinc3μm |
| NUT | BRASS | Copper-tin-zinc3μm |
| INSULATOR | TPX | |
| O-RING | SILICON RUBBER | |
| 4. ENVIRONMENT | | |
| TEMP.RANGE | -40°C~+85°C | |
| WEATHER STANDARD | IEC 60068 40 / 085/ 21 | |
| THERMAL SHOCK | IEC 60068 -2-14-Na | |
| VIBRATION | IEC 60068-2-6-Fc | |
| SHOCK | IEC 60068-2-27 | |
| WATERPROOF STANDARD | IP67 | |
| ROHS COMPLIANT | | |

5.ASSEMBLY: INNER CONDUCTOR INSTALLED AND OUTER CONDUCTOR COMPRESSED

| | | | | |
|---|---------------------------------|--------------|--|--|
| DRAWN yuying 2023.12.21 14:39:19 +08'00' | TITLE NEX10MA-1/4"H (ACC) | | AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA | |
| CHECKED WangYing 2023.12.21 11:12:04 +08'00' | DRAWING NO. AFS-DG139-1 | | | |
| APPROVED QianBo 2023.12.22 11:01:39 +08'00' | SHEET 1/1 | METRIC mm | PART NO. AFDG139-1 | |