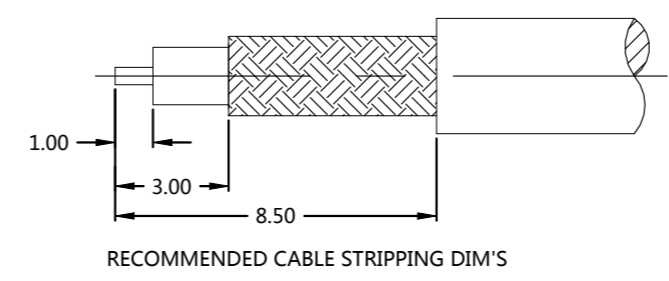
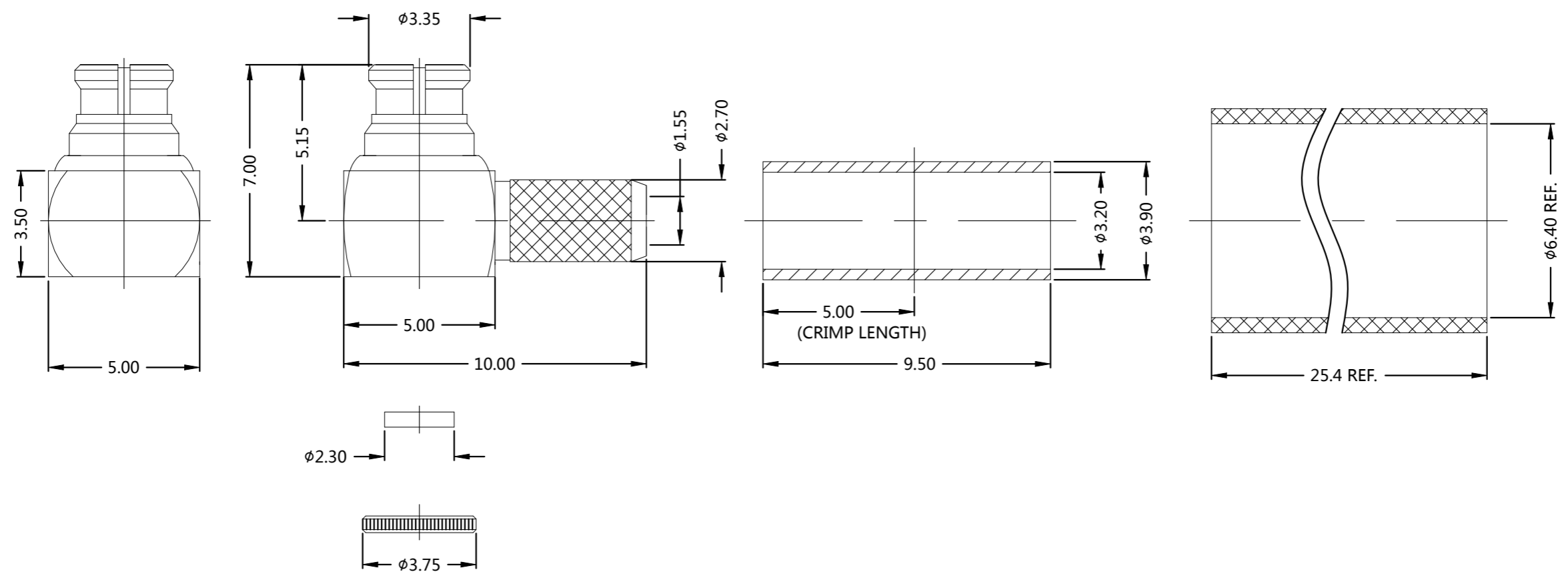


| REVISIONS | | | | | |
|-----------|-----|---------------------------|-----------|-----|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | A | REVISED PER ECN-22-147532 | 06APR2022 | RZ | WK |



| QTY | DESCRIPTION | MATERIAL | ITEM |
|-----|----------------|-------------|------|
| 1 | HEAT SHRINK | PVC | 8 |
| 1 | FERRULE | Au3u" BRASS | 7 |
| 1 | LOCK-RING | Au3u" BeCu | 6 |
| 1 | OUTER CONTACT | Au3u" BeCu | 5 |
| 1 | COVER | Au3u" BRASS | 4 |
| 1 | BODY | Au3u" BRASS | 3 |
| 1 | INSULATION | - PTFE | 2 |
| 1 | CENTER CONTACT | Au50u" BeCu | 1 |
| -1 | PLATING | MATERIAL | |

| ELECTRICAL | MECHANICAL | ENVIRONMENTAL |
|---|--|--|
| Impedance (Ohm) <u>50</u> | Interface Dimension MIL-STD-348B Fig. <u>326-1a</u> | TEMPERATURE RANGE <u>-40°C TO + 125°C</u> |
| Frequency Range (GHz) <u>DC to 6GHz</u> | Force to Engage (lbs) Full Detent 15.0 Max Limited Detent 10.0 Max Smooth Bore 2.0 Max | THERMAL SHOCK <u>MIL-STD-202, METH.107, COND.B</u> |
| Voltage Rating (Peak) <u>@ Sea Level 375 V RMS</u> | Force to Disengage (lbs) Full Detent 5.0 Max Limited Detent 2.0 Max Smooth Bore 0.5 Max | CORROSION <u>MIL-STD-202, METH.101, COND.B</u> |
| Insulation Resistance (MIN.) <u>5000 M ohms</u> | Center Contact Captivation Axial (Lbs) <u>1.5</u> Radial (In/Oz) <u>N/A</u> | VIBRATION <u>MIL-STD-202, METH.204, COND.D</u> |
| Contact Resistance (Milliohms MAX) Center Contact <u>6.0</u> Outer Contact <u>2.0</u> | Cable Retention Axial (Lbs) <u>N/A</u> | SHOCK <u>MIL-STD-202, METH.213, COND.I</u> |
| Dielectric Withstand Voltage: <u>500 V RMS Max</u> | Mating cycles <u>100</u> cycles | MOISTURE RESISTANCE <u>MIL-STD-202, METH.106,</u> |
| Insertion Loss : <u>0.1*SQRT(F) dB</u> | | ROHS <u>COMPLIANT</u> |
| VSWR: <u>1.35 MAX</u> | | |
| RF leakage: <u>N/A</u> | | |

THIS DRAWING IS A CONTROLLED DOCUMENT.

| DIMENSIONS: | TOLERANCES UNLESS OTHERWISE SPECIFIED: |
|-------------|--|
| mm | 0 PLC ± - |
| | 1 PLC ± 0.3 |
| | 2 PLC ± 0.2 |
| | 3 PLC ± 0.1 |
| | 4 PLC ± - |
| | ANGLES ± 5° |
| MATERIAL | FINISH |
| - | - |

| | | | |
|------------------------|-------------------------------------|-----------------|----------------------|
| DWN RANDY Z 16FEB2022 | STE TE Connectivity | | |
| CHK ERIC D 16FEB2022 | | | |
| APVD WENKE H 16FEB2022 | NAME SMP JACK RA FOR CABLE LMR-100A | | |
| PRODUCT SPEC | - | | |
| APPLICATION SPEC | - | | |
| WEIGHT - | SIZE A3 | CAGE CODE 00779 | DRAWING NO C-2406847 |
| CUSTOMER DRAWING | RESTRICTED TO - | SCALE 1:1 | SHEET 1 OF 1 |
| | | | REV A |