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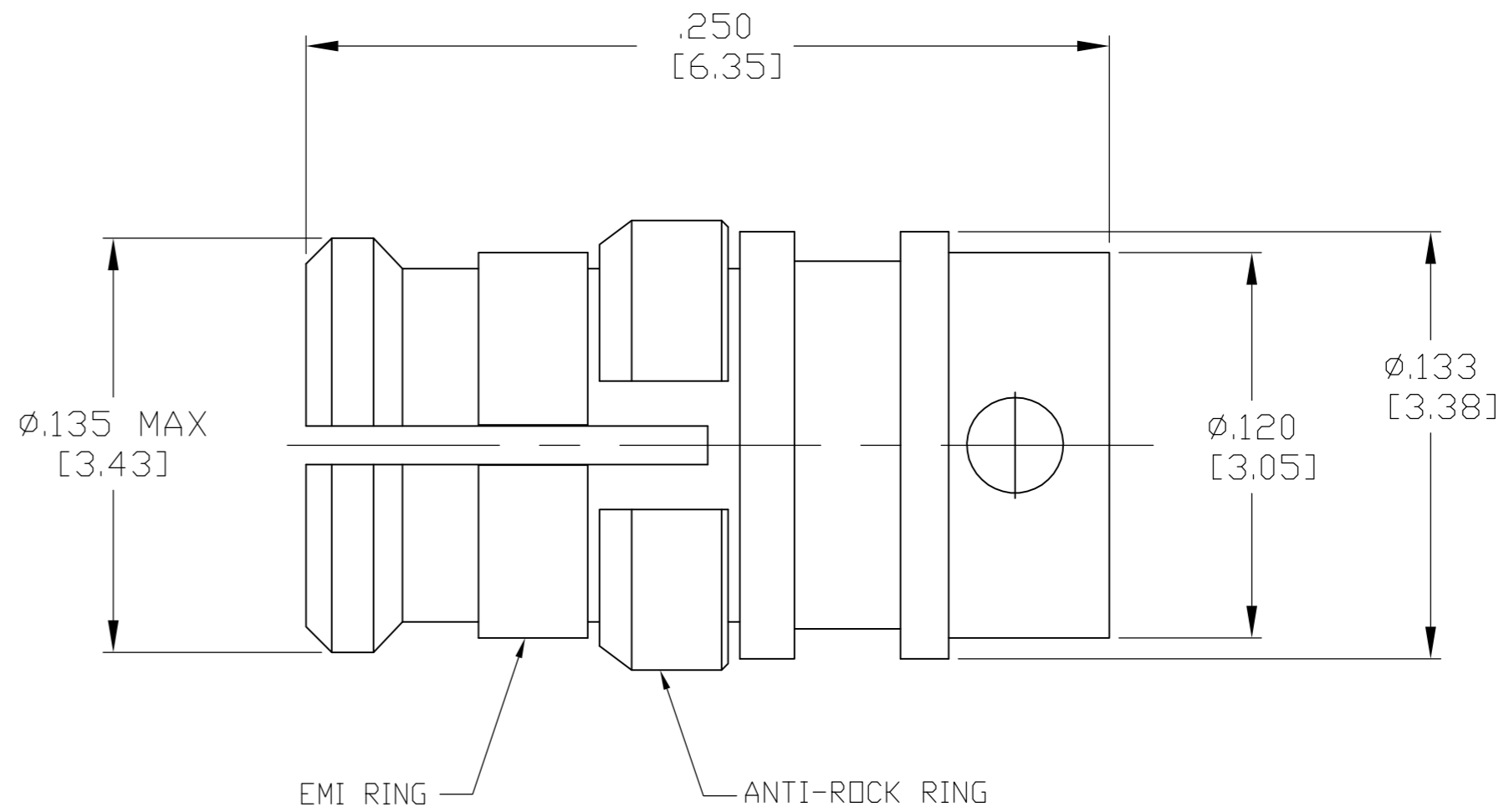
| ELECTRICAL | MECHANICAL | ENVIRONMENTAL |
|--|---|--|
| NOMINAL IMPEDANCE (OHMS) 50 ± 1 | Force to Engage (Lbs MAX) 15 | TEMPERATURE RATING -65° TO $+165^{\circ}$ C |
| Frequency Range (GHz) DC to 40 | Disengage (Lbs) 5.0 MIN | Vibration MIL-STD-202, Method 204, Condition D |
| Volt Rating (VRMS MAX) @ Sea Level 335 | Center Contact Retention: N/A | Thermal Shock MIL-STD-202, Method 107, Condition B |
| VSWR 1.35 MAX @ 26.5 GHz | Cable Retention: Axial: 30 Lbs. Min. Rotational: 16 In. Oz. | Corrosion - MIL-STD-202, Method 101, Condition B |
| Insertion Loss $.012\sqrt{F}$ GHz (dB min) | Interface per MIL-STD-348A, Figure 326-1a | |
| Corona, 70,000 Ft (VRMS MIN) 190 | DSCC Reference Part Number: 94008ZCG-1 | |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 500 | | |
| Contact Resistance (Milliohms MAX) | | |
| Center Contact 6.0 | | |
| Outer Contact 2.0 | | |
| Cable to Housing 0.5 | | |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 325 | | |
| I.R.(Megohms MIN) 5,000 | | |

DESIGNED FOR USE WITH $\phi.085$ [2.16] SEMI-RIGID CABLE
 CABLE ENTRY DIAMETER MINIMUM

| | |
|---------|-------------|
| HOUSING | .089 [2.26] |
| CONTACT | .021 [0.53] |

| LOC | DIST | REVISIONS | | | |
|-----|------|-----------------------|---------|-----|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| DF | X0 | REV PER ECO-07-002315 | 19FEB07 | PY | BM |

| COMPONENT | MATERIAL | FINISH |
|---------------------------------------|--|---------------------------|
| HOUSING CENTER CONTACT ANTI-ROCK RING | BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H | GOLD PLATE PER ASTM-B-488 |
| DIELECTRIC | TFE FLUOROCARBON PER ASTM-D-1457 | N/A |



1056522-1
 PART NUMBER

| | | | | | | |
|---|--|----------------------------|---|-----------------|----------------------|-----------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN C.C.THOMAS 19-APR-05 | Tyco Electronics Corporation Harrisburg, Pa 17105-3608 | | | |
| DIMENSIONS: INCHES | | CHK R.GROSS 20-APR-05 | | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD R.GROSS 20-APR-05 | NAME OSMP STRAIGHT CABLE JACK DIRECT SOLDER ATTACHMENT | | | |
| 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 [0.13] 4 PLC ± - ANGLES ± - FINISH SEE TABLE | | APPLICATION SPEC 408-10114 | SIZE A2 | CAGE CODE 00779 | DRAWING NO C=1056522 | RESTRICTED TO - |
| MATERIAL SEE TABLE | | WEIGHT - | SCALE 20:1 | | SHEET 1 OF 1 | REV E |
| | | CUSTOMER DRAWING | | | | |