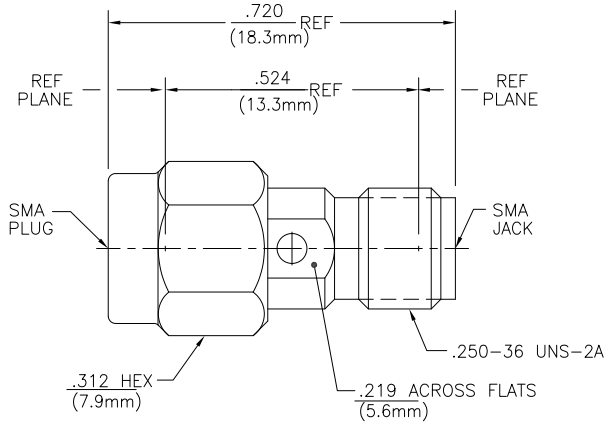
DWG NO 1054425-1

USED ON —




1054425-1
PART NUMBER

| ELECTRICAL | MECHANICAL | ENVIRONMENTAL |
|---|---|---|
| Nominal Impedance (Ohms) 50 | Interface Dimensions MIL-STD-348A | TEMPERATURE RATING –65°C TO 125°C |
| Frequency Range (GHz) DC to 18 | Fig. 310.1 & 310.2 | Vibration MIL-STD-202, Method |
| Volt Rating (VRMS MAX) | Recommended Mating | 204, Condition D |
| @ Sea Level 335 | Torque 7–10 in-Lb | Shock MIL-STD-202, Method 213, |
| VSWR 1.05 + .005f(GHz) | Mating Characteristics: | Condition I |
| Insertion Loss (dB MAX) .03 $\sqrt{f(GHz)}$ | Insertion (MAX Lbs) 3 | Thermal Shock MIL-STD-202, |
| RF Leakage (dB MIN) [–60–f(GHz)] | Withdrawal (MIN Oz) 1 | Method 107, Condition B, |
| Corona, 70,000 Ft (VRMS MIN) 250 | Force to Engage and | EXCEPT HIGH TEMP SHALL BE +155°C |
| Dielectric Withstanding Voltage | Disengage (In-Lbs MAX) 2 | Moisture Resistance MIL-STD-202, |
| (VRMS MIN) @ Sea Level 1500 | Center Contact Captivation | Method 106 |
| Contact Resistance (Milliohms MAX) | Axial (Lbs) 6 | Corrosion – MIL-STD-202, Method |
| Center Contact 4.0 | Radial (In-Oz) 4 | 101, Condition B, 5% salt spray |
| Outer Contact 2.0 | Coupling Proof Torque (In-Lbs MIN) 15 | |
| Cable to Housing N/A | Coupling Mechanism Retention | |
| RF High Potential @ Sea Level | Force (Lbs MIN) 60 | |
| (VRMS MIN @ 5 MHz) 670 | Weight (Grams) TBD | |
| I.R.(Megohms MIN) 5,000 | | |

| COMPONENT | MATERIAL | FINISH |
|---|---|---|
| HOUSING COUPLING NUT | STAINLESS STEEL | GOLD PLATE PER OVER NICKEL PLATE |
| DIELECTRIC | PTFE | N/A |
| CENTER CONTACT | BERYLLIUM COPPER | GOLD PLATE .00005 IN MIN OVER NICKEL PLATE .00005 IN MIN OVER COPPER PLATE .00001 IN MIN |
| RETAINING RING | BERYLLIUM COPPER | N/A |
| GASKET | SILICONE RUBBER | N/A |

| P | LTR | REVISION RECORD | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | B | REV PER ECO 08-027674 | 11/11/2008 | DW | JO |

DIMENSIONS: INCHES
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± –, 1 PLC ± .–, 2 PLC ± .–, 3 PLC ± .005, 4 PLC ± –
ANGLES ± –
SURFACE TEXTURE √

DRN R.B.G 8/10/76 | MATERIAL – | HEAT TREAT –
CK R.M.F 8/11/76
APVD 8/27/76
RB
NAME

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

SMA JACK TO PLUG ADAPTER (2082-5133-00)

SCALE 10:1 | SIZE A1 | DRAWING NO 1054425-1 | SHEET 1 OF 1 | REV B

LOC AJ
DIST 00



3309-8 (1/08)