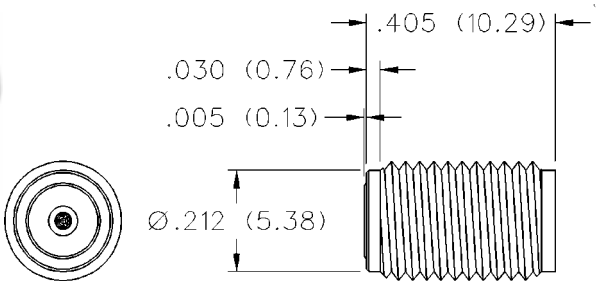
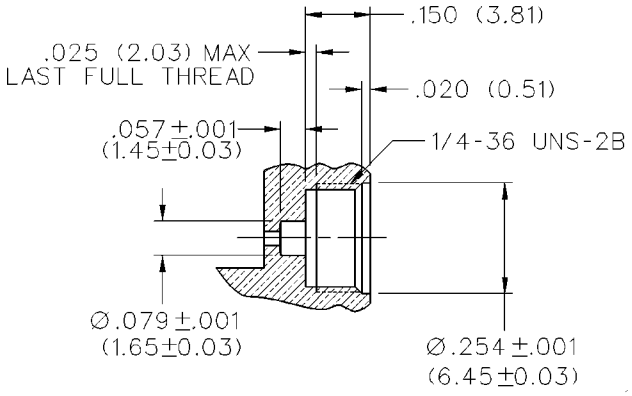
## Jack Receptacle - Thread Mount Field Replaceable




Mounting Hole Layout

| ACCEPTS PIN SIZE | GOLD PLATED | PASSIVATED |
|---|---|---|
| .0120 +/- .0005 (0.305 +/- .013) | 145-0701-001 | 145-0701-002 |

MATERIAL SPECIFICATIONS

Bodies: Stainless steel per QQ-B-626, gold plated* per MIL-G-45204 .00005" min. or passivated per MIL-F-14072 B (EL) 300
Contacts:
Female - beryllium copper per QQ-C-530, gold plated per MIL-G-45204 .00005" min.
Contact Support Beads: PTFE fluorocarbon per ASTM D 1710 and ASTM D 1457 or modified PPE resin
Seal Rings: Silicone rubber per ZZ-R-765

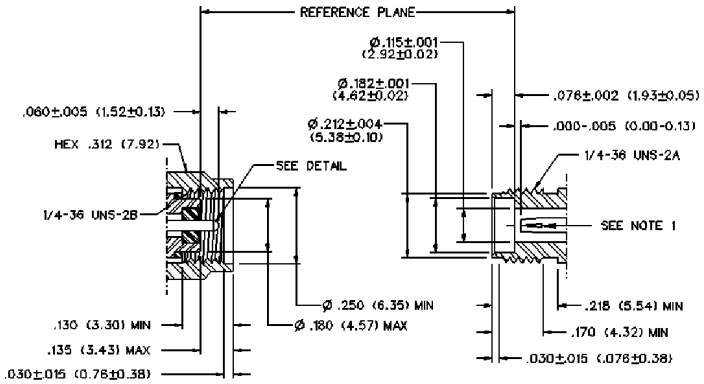
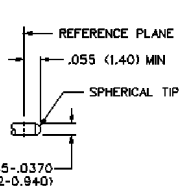
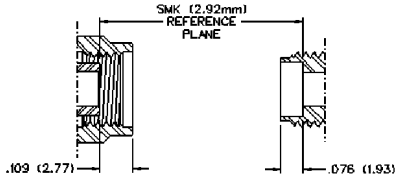
* All gold plated parts include a .00005" min. nickel underplate barrier layer.

MECHANICAL RATINGS

Engagement Design: MIL-STD-348, Series SMK (2.92mm)
Engagement/Disengagement Force: 2 inch-pounds maximum
Mating Torque: 7 to 10 inch-pounds
Coupling Proof Torque: 15 inch-pounds minimum
Coupling Nut Retention: 60 pounds minimum
Contact Retention: 6 lbs. minimum axial force (captivated contacts)

| Cable Retention: | Axial Force*(lbs) | Torque (in-oz) |
|---|---|---|
| .086 semi-rigid | 30 | 16 |
| .141 semi-rigid | 60 | 55 |

*Or cable breaking strength whichever is less.
Durability: 500 cycles minimum

Notes:
1. ID of contact shall meet VSWR and connectivity requirements when mated with dia. .0355-.0365 male pin.

Mating Engagement for SMK (2.92mm) Series per MIL-STD-348