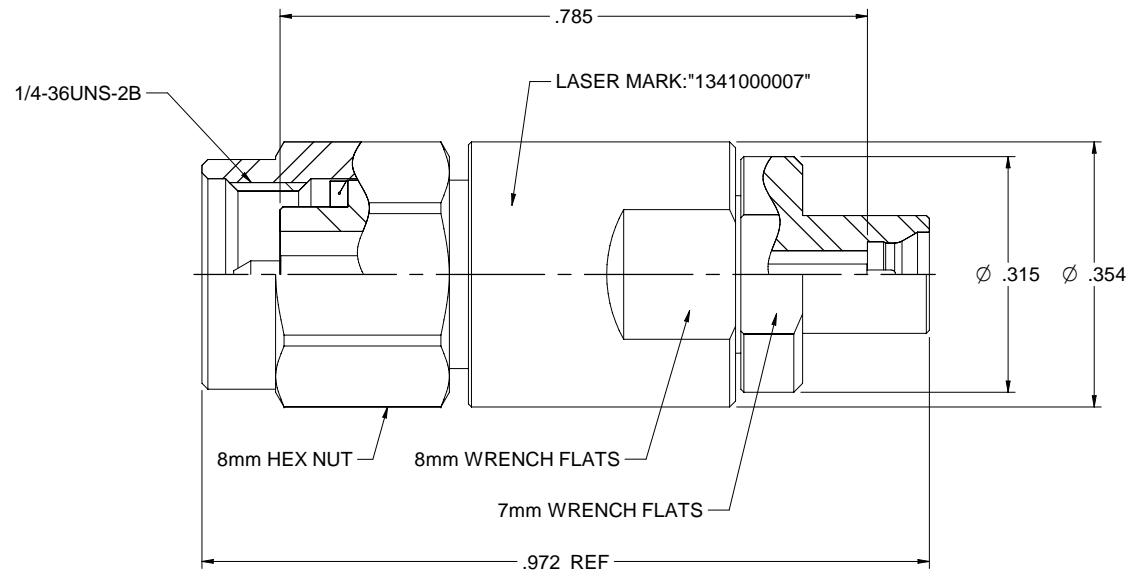


|              |                 |
|--------------|-----------------|
| MODEL NO.    | PACKAGING       |
| 134-1000-007 | ONE PCS PER BAG |

| REV | ECO         | DATE       |
|-----|-------------|------------|
| 001 | ECO-17-0032 | 11/28/2017 |
| 002 | ECO-18-0020 | 08/21/2018 |



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL & FINISH:

- 1.1 BODY, CONTACT BODY & SHELL: PASSIVATED STAINLESS STEEL
- 1.2 CONTACT PIN: GOLD PLATED BERYLLIUM COPPER
- 1.3 INSULATOR1: ULTEM1000 AMBER
- 1.4 INSULATOR2: PTFE WHITE
- 1.5 C RING: BERYLLIUM COPPER
- 1.6 GASKET: SILICONE RED

2. ELECTRICAL:

- 2.1 IMPEDANCE: 50 OHMS
- 2.2 FREQUENCY RANGE: DC-40 GHz
- 2.3 VOLTAGE STANDING WAVE RATIO: 1.3MAX
- 2.4 DIELECTRIC WITHSTANDING VOLTAGE: 325 VRMS MIN
- 2.5 CONTACT RESISTANCE:
  - 2.5.1 CENTER CONTACT: 6 MILLIOHM MAX
  - 2.5.2 OUTER CONTACT: 2 MILLIOHM MAX
- 2.6 INSULATOR RESISTANCE: 5000 MEGOHM MIN

3. MECHANICAL:

- 3.1 ENGAGEMENT FORCE: 0.23NM MAX (2.92MM), FULL DETENT 19 N MAX (SMPM)
- 3.2 DISENGAGEMENT FORCE: 0.23NM MAX (2.92MM), FULL DETENT 29 N MAX (SMPM)
- 3.3 COUPLING PROOF TORQUE: 1.7 NM MIN.
- 3.4 COUPLING NUT RETENTION: 267 N MIN
- 3.5 CONTACT RETENTION: 22 N MIN
- 3.6 DURABILITY: 500 CYCLES MIN (2.92MM), FULL DETENT 100 CYCLES MIN (SMPM)

4. ENVIRONMENT:

- 4.1 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B.
- 4.2 OPERATING TEMPERATURE: -65 TO 165°C
- 4.3 SHOCK: MIL-STD-202, METHOD 213, CONDITION I
- 4.4 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
- 4.5 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

|                                       |  |   |              |
|---------------------------------------|--|---|--------------|
|                                       | Model No. 134-1000-007                 | <b>Johnson</b>  |              |
|                                       |  | TITLE: ADAPTER ASSEMBLY, 2.92mm(SMK)<br>PLUG TO SMPM PLUG |              |
|                                       | DATE: 08/21/2018<br>DRAWN BY: Betty Yu | DRAWING NO: 134-1000-007                                  | REV: 002     |
| XXXX - 02<br>XXXX - 01<br>ANGLES: 45° | DO NOT SCALE<br>DRAWING                | NONE  | Sheet 1 of 1 |

# Mouser Electronics

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