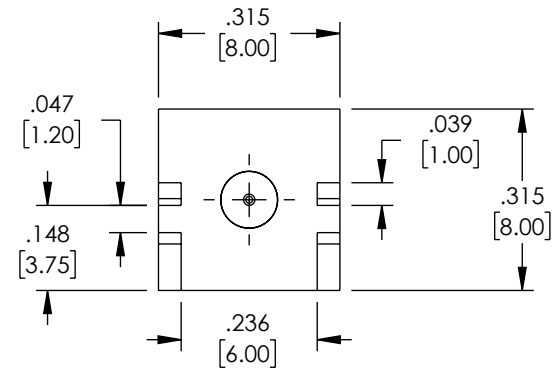
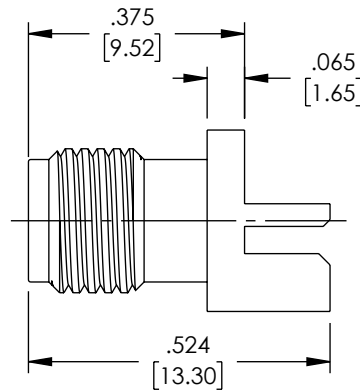
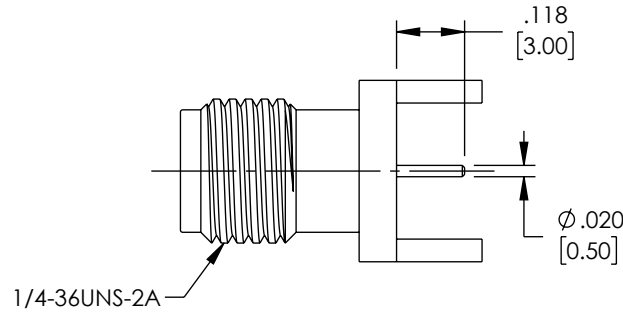


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| REVISION | | | | | |
|----------|-----|-----------------|------------|------------|----------|
| ZONE | REV | DESCRIPTION | DATE | CHANGED BY | APPROVED |
| | A | INITIAL RELEASE | 03/06/2023 | DMAY | AGANWANI |



ELECTRICAL DATA:

1. IMPEDANCE: 50 OHMS
2. FREQUENCY RANGE: DC~18 GHz
3. VSWR: 1.20 MAX.
4. INSERTION LOSS: 0.3 DB MAX.
5. RF LEAKAGE: -90 DB
6. INSULATION RESISTANCE: 5000 MΩ
7. DIELECTRIC WITHSTAND VOLTAGE: 1000 VRMS MAX.

MECHANICAL DATA:

1. MATING CYCLE: 500
2. RECOMMENDED MATING TORQUE: 0.9-1.13 NM
3. PROOF TORQUE: 1.7 NM
4. COUPLING NUT RETENTION FORCE: 270N
5. CENTER CONTACT RETENTION FORCE: 2.6 POUND (AXIAL)

ENVIRONMENTAL DATA:

1. OPERATING TEMPERATURE: -65°C~+165°C


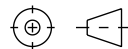
COMPONENT SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

MATERIAL & FINISH:

1. BODY: BRASS, GOLD PLATED
2. CENTER CONTACT: BERYLLIUM COPPER ALLOY, GOLD PLATED
3. INSULATOR: PTFE

| | | | |
|---|--|---|--|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] | APPROVALS | DATE |  50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936 |
| | DRAWN BY DMAY | 03/06/2023 | |
| OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 >12 [305] ≤60 [1524] = +2 [51] / -0 >60 [1524] ≤120 [3048] = +4 [102] / -0 >120 [3048] ≤300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0 | CHECKED BY HBAKKE | 03/07/2023 | CATEGORY RF INTERCONNECTS |
| ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] FRACTIONS ± 1/32 .XX = ± .02 [.5] ANGLES ± 1° .XXX = ± .005 [.13] | APPROVED BY AGANWANI | 03/07/2023 | |
| THIRD-ANGLE PROJECTION | CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY | PRODUCT DESCRIPTION RF PCB CONNECTOR, SMA, FEMALE, UP TO 18 GHz, EDGE MOUNT, STRAIGHT | |
|  | COLOR VARIATIONS MAY OCCUR | SIZE A | CAGE CODE 43321 |
| | | ITEM NO. RFPCB-SMA-FS18G-58 | REV. A |
| | | SCALE: NONE | CAD FILE: RFPCB-SMA-FS18G-58.SLDDRW SHEET 1 OF 1 |