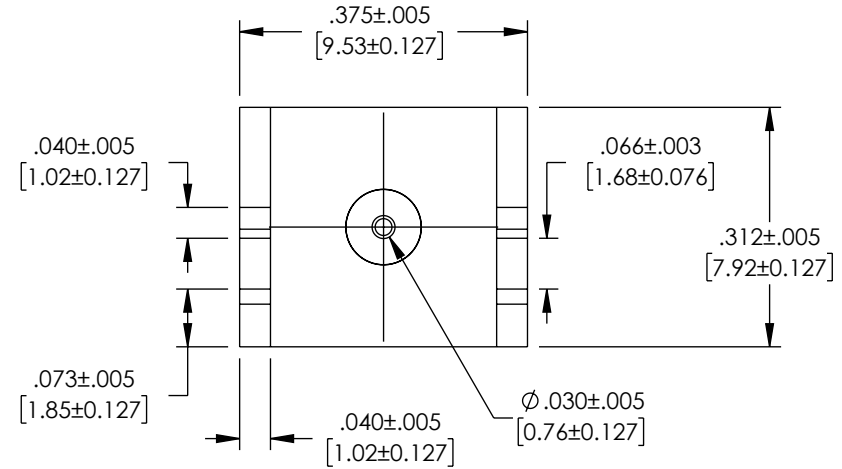
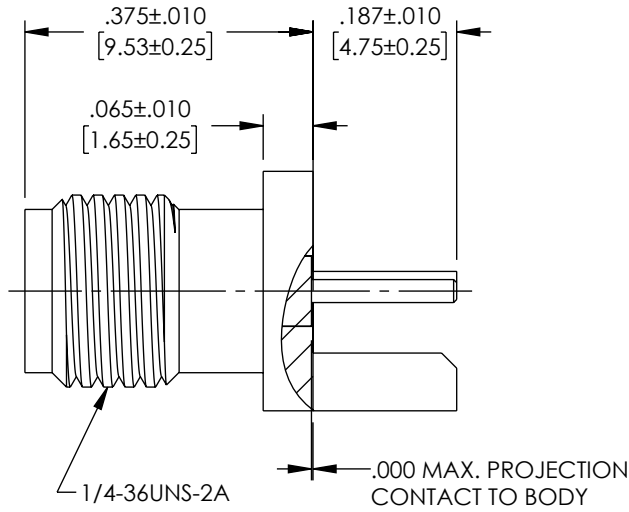


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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	03/06/2023	DMAY	AGANWANI



ELECTRICAL DATA:

1. IMPEDANCE: 50 OHMS
2. FREQUENCY RANGE: DC~18 GHz
3. WITHSTANDING VOLTAGE: 1000 VRMS MIN.
4. VOLTAGE: 335 VRMS AT SEA LEVEL
5. INSULATION RESISTANCE: 5000 MEGOHM MIN.
6. CONTACT RESISTANCE:
 1. CENTER CONTACT: 3.0 OHMS
 2. OUTER CONDUCTOR: 2.0 OHMS

MECHANICAL DATA:

1. ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX.
2. MATING TORQUE: 7-10 INCH-POUNDS
3. CONTACT RETENTION: 5 LBS MIN. AXIAL FORCE
4 IN-OZ MIN. RADIAL TORQUE
4. DURABILITY: >500 CYCLES

ENVIRONMENTAL DATA:

1. TEMPERATURE RANGE: $-65^{\circ}\text{C} \sim +165^{\circ}\text{C}$


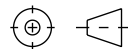
COMPONENT SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

MATERIAL & FINISH:

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] 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 ALL OTHER DIMENSIONAL TOLERANCES: .X = $\pm .2$ [5] FRACTIONS $\pm 1/32$.XX = $\pm .02$ [.5] ANGLES $\pm 1^{\circ}$.XXX = $\pm .005$ [.13]	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				
	CHECKED BY HBAKKE	03/07/2023	CATEGORY	RF INTERCONNECTS		
	APPROVED BY AGANWANI	03/07/2023	PRODUCT DESCRIPTION	RF PCB CONNECTOR, SMA, FEMALE, UP TO 18 GHz, END LAUNCH, STRAIGHT		
THIRD-ANGLE PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	COLOR VARIATIONS MAY OCCUR	SIZE A	CAGE CODE 43321	ITEM NO. RFPCB-SMA-FS18G-50	REV. A
SCALE: NONE		CAD FILE: RFPCB-SMA-FS18G-50.SLDDRW		SHEET 1 OF 1		