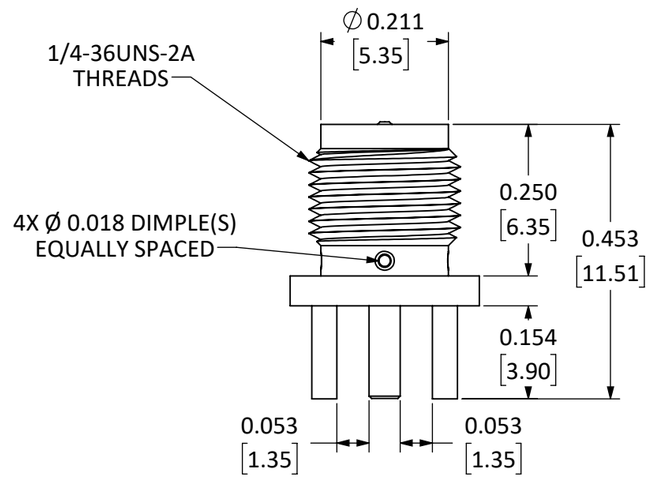
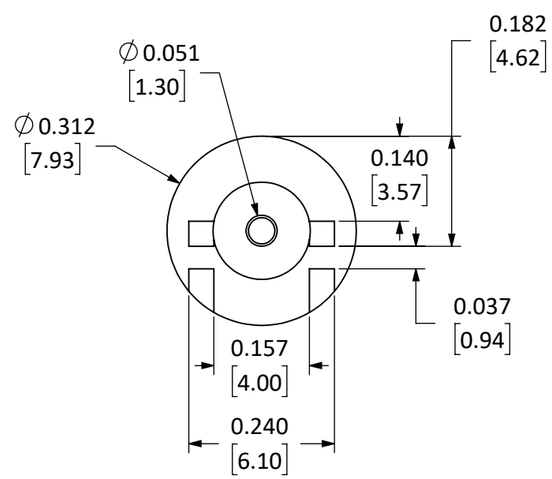
DESCRIPTION	MATERIAL	FINISH
BODY	BRASS	NICKEL
PIN	BeCu	GOLD
INSULATION	PTFE	N/A

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF INTERNAL DRAWING	31-AUG-12	SAH
B	ADDED NOTE 13; DIMPLING REQUIREMENT: ADDED DIMPLES TO PART	3-JUN-13	SAH



TOP VIEW



BACK VIEW

NOTES: (UNLESS OTHERWISE SPECIFIED)
1. ALL DIMENSIONS ARE IN INCHES [mm].
2. DIMENSIONS APPLY AFTER FINISHING.
3. MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE.
4. SAFETY BREAK ALL SHARP CORNERS AND EDGES .02 MAXIMUM.
5. LOT SAMPLE ELECTRICAL TEST REQUIRED PER *LDC-OTP-SPC-SMAT.*
6. ELECTRICAL INTERFACE PER *SPC-CON-IFC-RPS.*
7. INSERTION LOSS (S21): [0.04√f[GHz]]
   0.026 @ 425MHz
   0.038 @ 900MHz
   0.063 @ 2.45GHz.
8. MINIMUM FREQUENCY RANGE: 0 - 6GHz.
9. IMPEDANCE: 50Ω.
10. VOLTAGE RATING: 335 VRMS MIN AT SEA LEVEL.
11. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VMRS MIN AT SEA LEVEL.
12. CONTACT RESISTANCE: CENTER CONTACT: 2.0 mΩ
    BODY: 2.0 mΩ.
13. CONNECTOR TO BE DIMPLED ON FOUR SIDES 90° APART, DEEP ENOUGH TO SUFFICIENTLY RETAIN PTFE INSULATION.

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TE connectivity
159 ORT LANE
MERLIN, OR 97532

MATERIAL:
WEIGHT:
FINISH:

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.
.X ±.2
.XX ±.10
.XXX ±.050
ANGLES: ±1°
SURFACE: 32√
PROJECTION:

DRAWN: B.MURPHY DT: 11-MAR-13
ENGR: S.HOGAN DT: 3-JUN-13

TITLE:
SPECIFICATION DRAWING
RP-SMA FEM EDGE MNT 0.031"

SIZE	DWG. NO.	REV
B	C-CONREVSMA003.031	A

SCALE: 6:1 DO NOT SCALE DRAWING SHEET 1 OF 1

LDCFDFB_B

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TE Connectivity:
CONREVSMA003.031-L