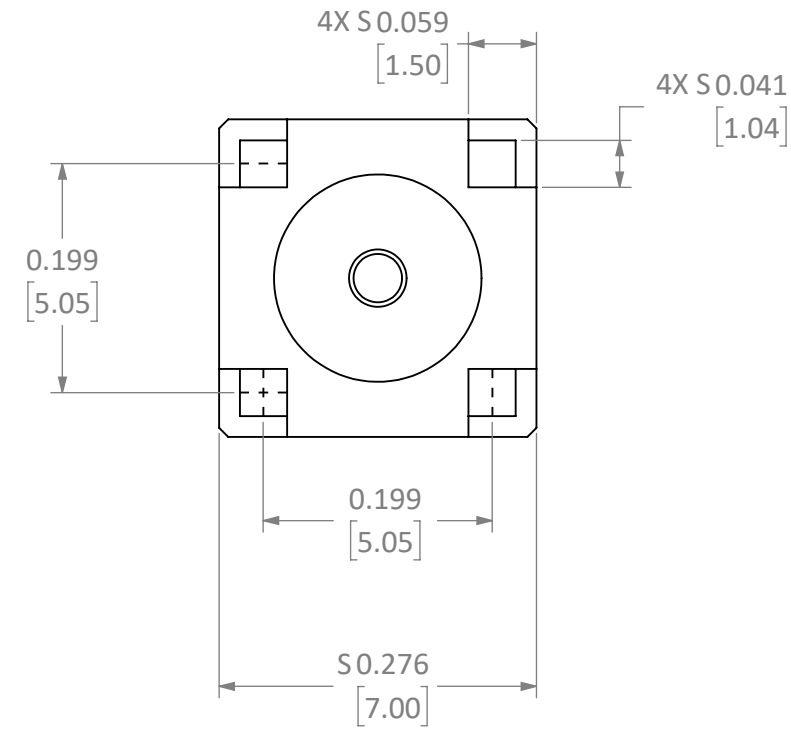
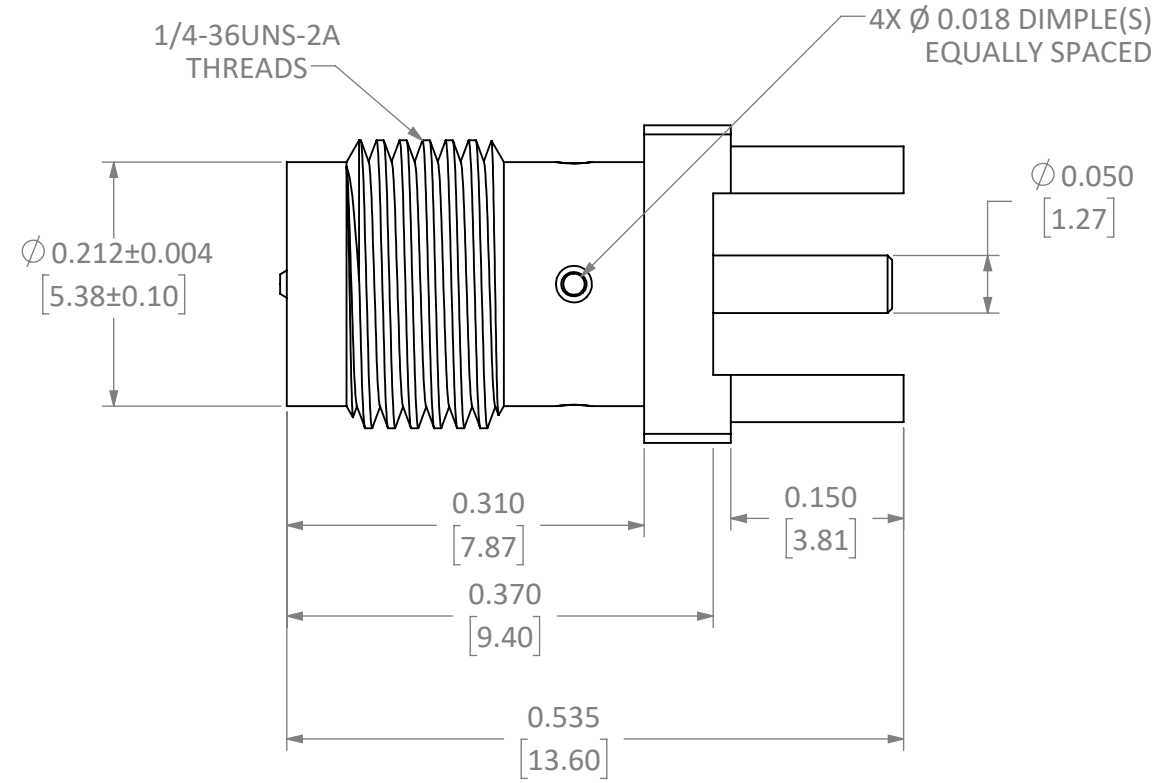


DESCRIPTION	MATERIAL	FINISH
BODY	BRASS	GOLD
PIN	BeCu	GOLD
INSULATION	PTFE	N/A

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF LINX INTERNAL DRAWING	11-JUN-13	SAH
B	UPDATED OUTER BARREL DIMENSION WAS Ø0.200 IS Ø0.212; UPDATED NOTE 3	29-NOV-17	CLL



NOTES: (UNLESS OTHERWISE SPECIFIED)

- ALL DIMENSIONS ARE IN INCHES [mm].
- DIMENSIONS APPLY AFTER FINISHING.
- MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
- SAFETY BREAK ALL SHARP CORNERS AND EDGES .02 MAXIMUM.
- LOT SAMPLE ELECTRICAL TEST REQUIRED PER *LDC-OTP-SPC-SMAT*.
- ELECTRICAL INTERFACE PER *SPC-CON-IFC-RPS*.
- INSERTION LOSS ( $S_{21}$ ):  $[0.03\sqrt{f}[\text{GHz}]]$   
 0.020 @ 425MHz  
 0.028 @ 900MHz  
 0.047 @ 2.45GHz.
- MINIMUM FREQUENCY RANGE: 0 - 6GHz.
- IMPEDANCE: 50Ω.
- VOLTAGE RATING: 335 VRMS MIN AT SEA LEVEL.
- DIELECTRIC WITHSTANDING VOLTAGE: 1000 VMRS MIN AT SEA LEVEL.
- CONTACT RESISTANCE: CENTER CONTACT: 2.0 mΩ  
 BODY: 2.0 mΩ.
- CONNECTOR TO BE DIMPLED ON FOUR SIDES 90° APART, DEEP ENOUGH TO SUFFICIENTLY RETAIN PTFE INSULATION.

SIDE VIEW

BACK VIEW

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**STE** 159 ORT LANE  
 MERLIN, OR 97532  
 connectivity

MATERIAL:	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION: 
WEIGHT:	.X ±.2 .XX ±.10 .XXX ±.050	
FINISH:	ANGLES: ±1° SURFACE:	
DRAWN: B.MURPHY	DT: 8-MAR-13	
ENGR: S.HOGAN	DT:	

TITLE: SPECIFICATION DRAWING RP-SMA FEMALE PCB MOUNT		
SIZE <b>B</b>	DWG. NO. C-CONREVSMA001-G	REV <b>A</b>
SCALE: 6:1	DO NOT SCALE DRAWING	SHEET 1 OF 1