

## TECHNICAL DATA

### Electrical

|                       |                    |
|-----------------------|--------------------|
| Impedance             | 50 $\Omega$        |
| Frequency range       | 0~18 GHz           |
| Withstanding voltage  | 500 V              |
| Insulation resistance | $\geq 5000M\Omega$ |

### Mechanical & Environmental

|                      |                  |
|----------------------|------------------|
| Durability (matings) | >500             |
| Temperature range    | -55 °C ~ +165 °C |
| RoHS Compliant       | Yes              |

### Material & Finish

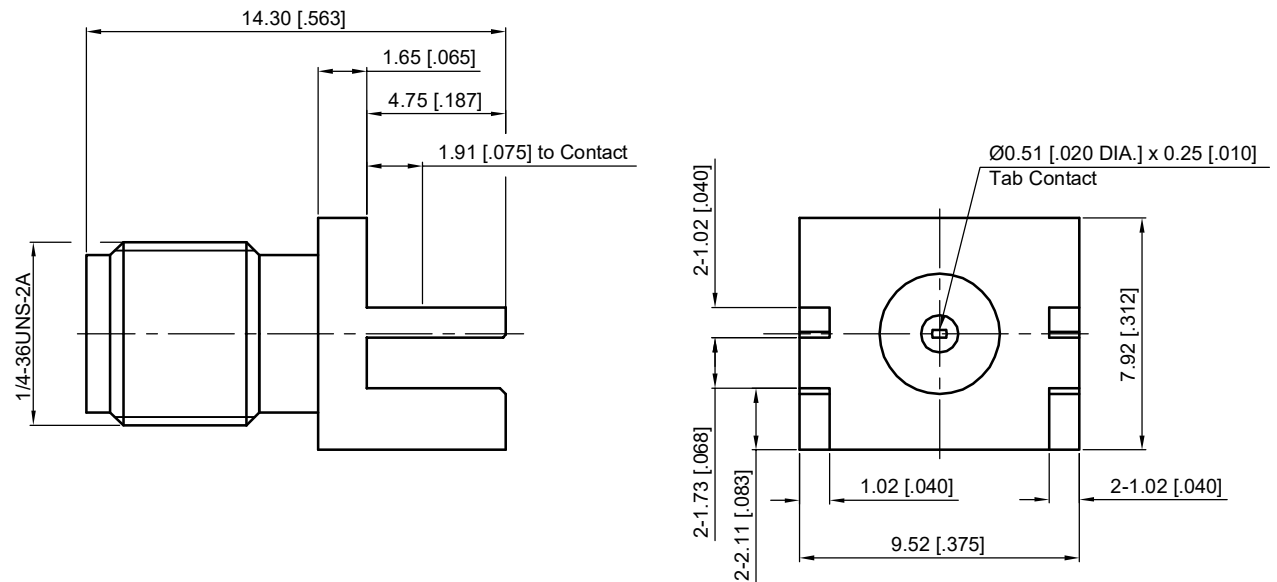
|             |                                     |
|-------------|-------------------------------------|
| Body        | Brass, Gold-plated                  |
| Pin Contact | Beryllium Copper Alloy, Gold-plated |
| Insulator   | PTFE                                |

### Interface Standards

|     |           |
|-----|-----------|
| SMA | IEC-60169 |
|-----|-----------|

#### REVISIONS

| REV | DESCRIPTION OF REVISION | ECN No. | DATE       | APPROVED |
|-----|-------------------------|---------|------------|----------|
| A   | INITIAL RELEASE         | —       | 06/27/2019 | M. Dong  |
| B   | FREQUENCY UO TO 18GHz   | —       | 07/02/2019 | M. Dong  |



#### NOTES:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS (INCHES).  
UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES ARE:

|     |                     |
|-----|---------------------|
| .XX | $\pm 0.13$ [0.005"] |
| .X  | $\pm 0.20$ [0.008"] |
| X   | $\pm 0.50$ [0.019"] |

ANGULAR TOLERANCES ARE: ALL=  $\pm 1^\circ$

DO NOT SCALE DRAWING

PROJECTION:



|           |         |            |
|-----------|---------|------------|
| DRAWN:    | L. Ma   | 07/02/2019 |
| CHECKED:  | J. Zhu  | 07/02/2019 |
| APPROVED: | M. Dong | 07/02/2019 |

TITLE:

SMA Straight Female for 1.57  
[.062] Thickness PCB Board,  
Edge Mount

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PART No.:

**60-02-5L2-338**

|       |        |        |      |
|-------|--------|--------|------|
| SIZE: | SCALE: | SHEET: | REV: |
| A4    | 4:1    | 1/1    | B    |