

## TECHNICAL DATA

### Electrical

|                       |                           |
|-----------------------|---------------------------|
| Impedance             | 50 $\Omega$               |
| Frequency range       | 0~40 GHz                  |
| VSWR                  | $\leq 1.35$               |
| Contact resistance    |                           |
| -centre contact       | $\leq 3\text{m}\Omega$    |
| -outer contact        | $\leq 2\text{m}\Omega$    |
| Insulation resistance | $\geq 3000\text{M}\Omega$ |

### Mechanical & Environmental

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

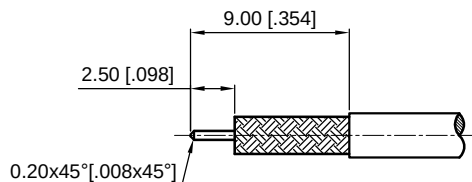
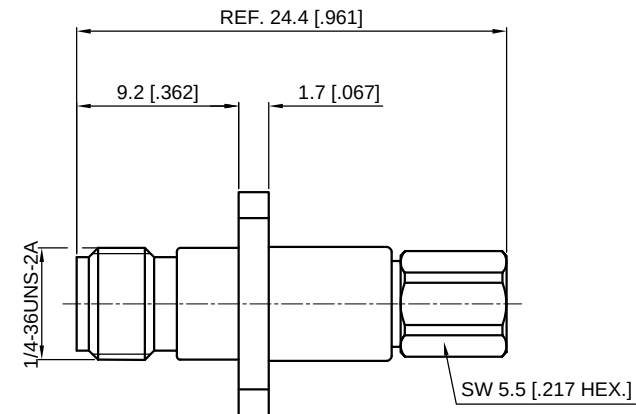
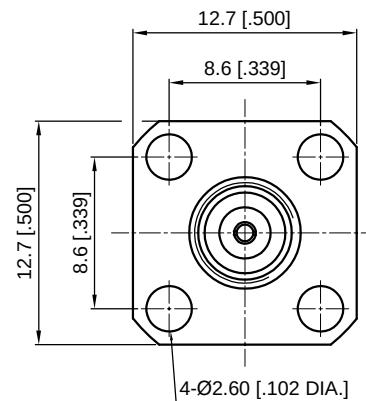
### Material & Finish

|             |                                     |
|-------------|-------------------------------------|
| Body        | Stainless Steel (SU303), Passivated |
| Pin Contact | Beryllium Copper Alloy, Gold-plated |
| Insulator   | PEI                                 |

### Interface Standards

|        |              |
|--------|--------------|
| 2.92mm | MIL-STD-348A |
|--------|--------------|

| REVISIONS |                         |         |            |          |
|-----------|-------------------------|---------|------------|----------|
| REV       | DESCRIPTION OF REVISION | ECN No. | DATE       | APPROVED |
| A         | INITIAL RELEASE         | —       | 11/10/2020 | M. Dong  |



RECOMMENDED CABLE STRIPPING DIMENSIONS

#### 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                                                                 | $\pm 0.13$ [.005"] |
| X                                                                   | $\pm 0.20$ [.008"] |
| X                                                                   | $\pm 0.50$ [.019"] |
| ANGULAR TOLERANCES ARE: ALL $\pm 1^\circ$                           |                    |
| DO NOT SCALE DRAWING                                                |                    |
| PROJECTION:                                                         |                    |

|                                                                              |         |            |
|------------------------------------------------------------------------------|---------|------------|
| DRAWN:                                                                       | L. Ma   | 11/10/2020 |
| CHECKED:                                                                     | J. Zhu  | 11/10/2020 |
| APPROVED:                                                                    | M. Dong | 11/10/2020 |
| TITLE:                                                                       |         |            |
| 2.92mm Straight Female Connectors Solder for RG405/.086 Cable, 4 Hole Flange |         |            |



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PART No.:

**96-02-2F11-070**

|       |        |        |      |
|-------|--------|--------|------|
| SIZE: | SCALE: | SHEET: | REV: |
| A4    | 2.5:1  | 1/1    | A    |