

**MODEL:** RF-SMA-FMT-ST-F-26-A1-042 | **DESCRIPTION:** RF SMA CONNECTOR**FEATURES**

- frequency range 0~26.5 GHz
- character impedance 50  $\Omega$
- SMA connector type
- flange mount

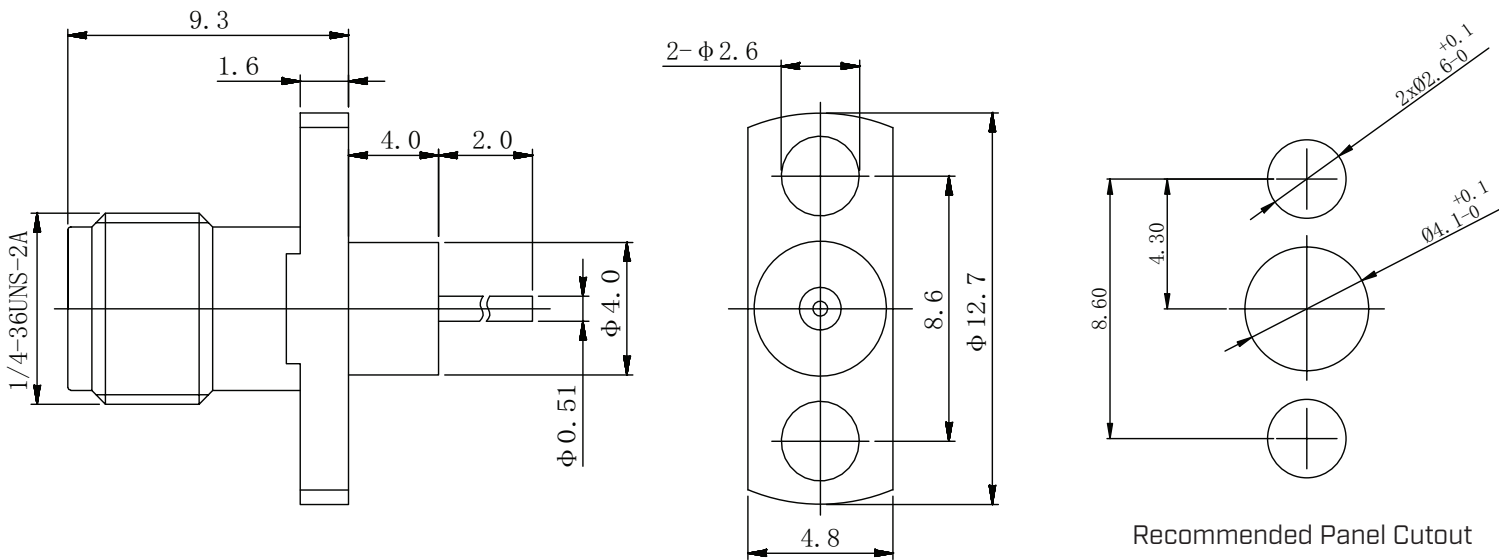
**SPECIFICATIONS**

| parameter                    | conditions/description                     | min   | typ   | max  | units        |
|------------------------------|--------------------------------------------|-------|-------|------|--------------|
| impedance                    |                                            |       | 50    |      | $\Omega$     |
| frequency range              |                                            | 0     |       | 26.5 | GHz          |
| VSWR                         |                                            |       |       | 1.15 |              |
| working voltage              | at sea level                               |       | 335   |      | Vrms         |
| insulation resistance        |                                            | 5,000 |       |      | M $\Omega$   |
| contact resistance           | center contact                             |       |       | 3    | m $\Omega$   |
|                              | outer contact                              |       |       | 2    | m $\Omega$   |
| dielectric withstand voltage |                                            |       | 1,000 |      | V            |
| mating torque                |                                            | 0.3   |       | 0.6  | N*m          |
| life                         |                                            | 500   |       |      | cycles       |
| operating temperature        |                                            | -55   |       | 165  | $^{\circ}$ C |
| standards                    | compliant with MIL-C-39012, CECC 22110/111 |       |       |      |              |
| interface                    | MIL-STD-348                                |       |       |      |              |
| RoHS                         | yes                                        |       |       |      |              |

MECHANICAL DRAWING

units: mm  
tolerance:  
0.5≤X≤8.0: ±0.20 mm  
8.0<X<30.0: ±0.25 mm  
X≥30.0: ±0.30 mm  
unless otherwise specified

| DESCRIPTION    | MATERIAL           | PLATING/COLOR |
|----------------|--------------------|---------------|
| body           | stainless steel    | passivation   |
| insulator      | PEI/PTFE [UL94V-0] | white         |
| center contact | beryllium bronze   | gold          |



REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 02/25/2026 |

The revision history provided is for informational purposes only and is believed to be accurate.



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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