

NOTES:

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.

RoHS: COMPLIANT.

SPECIFICATIONS:

IMPEDANCE: 50Ω

FREQUENCY: DC to 18GHz

VSWR: <1.24

CONTACT RESISTANCE:  
CENTER: <10.0 milliohms.  
OUTER: <2.0 milliohms.

VOLTAGE RATING: 333 V (rms)

DIELECTRIC WITHSTANDING VOLTAGE: >1000V

INSULATION RESISTANCE: >5000mΩ

PRODUCT WEIGHT: 4.77g

MECHANICAL CHARACTERISTICS

FORCE TO ENAGAGE AND DISENGAGE: <2 lbs

CENTER CONTACT RETENTION FORCE: >6 lbs

DURABILITY: >500 CYCLES.

ENVIRONMENTAL PARAMETER

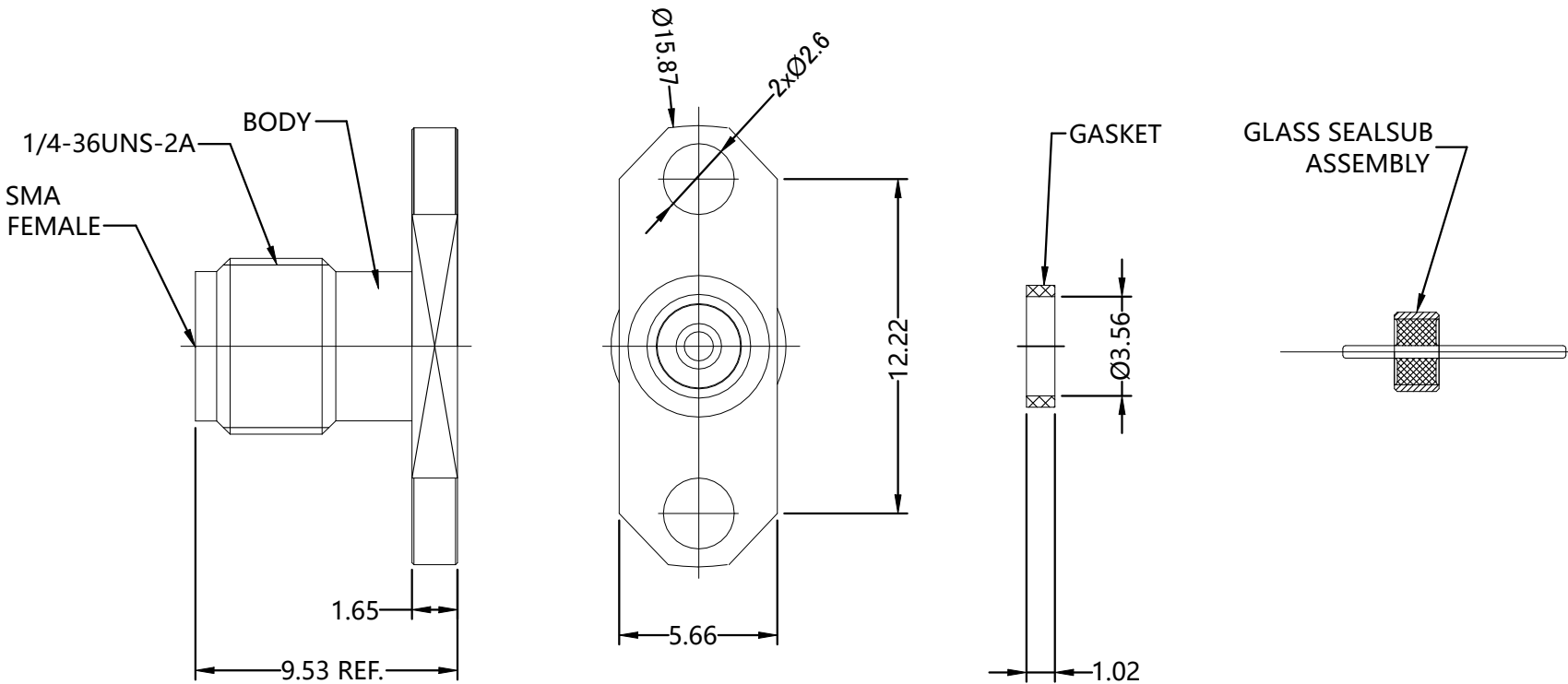
TEMPERATURE RANGE: -65°C TO +165°C

THERMAL SHOCK: MIL-STD 202,METH.107,COND.B

VIBRATION: MIL-STD 202,METH.204,COND.B

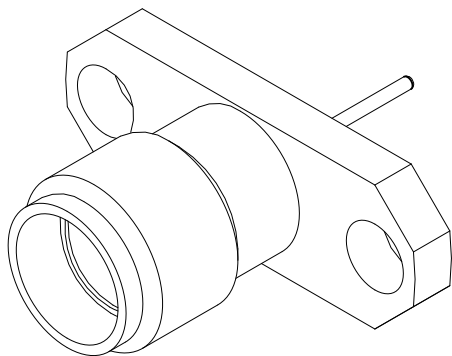
SHOCK :MIL-STD 202,METH.213,COND.I

| REVISIONS |     |                   |           |     |      |
|-----------|-----|-------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION       | DATE      | DWN | APVD |
|           | A   | ECN-24-280748;GTP | 21AUG2024 | TP  | WH   |



NOTES:  
FINISH (PLATING THICKNESS IN MICRO-INCHES)

- 1 PASSIVATION
- 2 GOLD PL. 50u"/NICKEL PL.50u"/COPPER PL 10u"
- 3 GOLD PL. 50u"/NICKEL PL.10u"/COPPER PL 50u"



|                   |           |                |                                       |                 |      |
|-------------------|-----------|----------------|---------------------------------------|-----------------|------|
|                   | 1         | NOTE 3         | KEVAR ALLOR                           | GLASS SEAL ASSY | 5    |
|                   |           |                | 7070 GLASS                            |                 |      |
|                   | 1         | BELGE          | CONDUCTIVE SILVER/SILICONE ELASTOMERS | GASKET          | 4    |
|                   | 1         | NOTE 2         | Be-Cu C17300                          | CONTACT PIN     | 3    |
|                   | 1         | NATURAL        | PTFE ASTM-D-1710                      | INSULATOR       | 2    |
|                   | 1         | NOTE 1         | STAINLESS STEEL                       | BODY            | 1    |
|                   | 2491393-1 | FINISH/PLATING | MATERIAL                              | DESCRIPTION     | ITEM |
| QUANTITY PER ASSY |           |                | PARTS LIST                            |                 |      |

|                                        |  |                   |                                         |           |            |
|----------------------------------------|--|-------------------|-----------------------------------------|-----------|------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN TP 18JUL2024  | TE Connectivity                         |           |            |
|                                        |  | CHK TP 18JUL2024  |                                         |           |            |
|                                        |  | APVD WH 18JUL2024 | NAME                                    |           |            |
|                                        |  | PRODUCT SPEC      | SMA JACK ST SS H-FREQ 18 GHZ 2-HOLE FLG |           |            |
|                                        |  | SEE NOTES         |                                         |           |            |
|                                        |  | APPLICATION SPEC  |                                         |           |            |
|                                        |  | —                 | SIZE                                    | CAGE CODE | DRAWING NO |
|                                        |  | WEIGHT 4.77       | A3                                      | 00779     | C-2491393  |
| CUSTOMER DRAWING                       |  | SCALE 1:1         | SHEET 1 OF 1                            | REV A     |            |

|                       |                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------|
| DIMENSIONS:<br>mm     | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                               |
|                       | 0 PLC ± 0.3<br>1 PLC ± 0.2<br>2 PLC ± 0.1<br>3 PLC ± 0.05<br>4 PLC ± —<br>ANGLES ± 5 |
| MATERIAL<br>SEE TABLE | FINISH<br>—                                                                          |

# Mouser Electronics

Authorized Distributor

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[2491393-1](#)