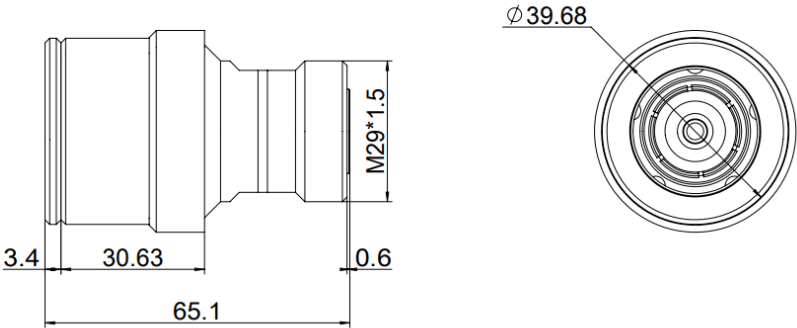


|                              |                                        |                              |
|------------------------------|----------------------------------------|------------------------------|
| Item Number:<br>A20MS27      | Description:<br>SQS Male to DIN Female | Phase:<br>Production         |
| Revision No.:<br>B           | Status:<br>New                         | Page<br>1 of 1               |
| Customer Product Number      | Created by:<br>L.Z                     | Approved by:<br>VX           |
| Customer Product Description | Creation Date:<br>2023.10.24           | Approval Date:<br>2023.10.24 |



Dimensions are in mm

I . Component Material

| Part            | Material     | Plating | Thickness(um) |
|-----------------|--------------|---------|---------------|
| Center Pin      | Copper Alloy | Silver  | 3             |
| Insulation      | PTFE         | -       | -             |
| Outer Conductor | Brass        | Nicke1  | 3             |

II . Electrical Parameter

|                           |                   |
|---------------------------|-------------------|
| Impedance                 | 50 Ω              |
| Frequency range           | DC to 1 GHz       |
| Voltage Rating            | 3000V             |
| VSWR                      | Max 1.3           |
| Insulation Resistance     | Min 10000Mohm     |
| Insertion Loss (f / GHz): | 0.1 x sqrt (f) dB |

III. Environment Parameter

|                    |                     |
|--------------------|---------------------|
| Temperature Range: | -20℃ ~+80℃          |
| Thermal Shock:     | MIL-STD-202         |
| Vibration:         | MIL-STD-202         |
| Shock:             | MIL-STD-202         |
| Climatic Class:    | IEC 60068 55/155/56 |
| RoHS:              | Compliant           |

IV. Mechanical Parameter

|                            |                                        |
|----------------------------|----------------------------------------|
| Durability:                | 5000 Cycles                            |
| Tolerance:                 |                                        |
| Machined Surfaces Finish:  | 1.6 RMS MAX.                           |
| Angles ±2° Fractions ± N/A |                                        |
| Remove All Burrs:          | 0.15X45 MAX. BREAK                     |
| Machine Corners:           | 0.15X45 D MAX. FILLET                  |
| R. Tolerance On Decimals:  | .X ±0.15                      .XX ±0.1 |