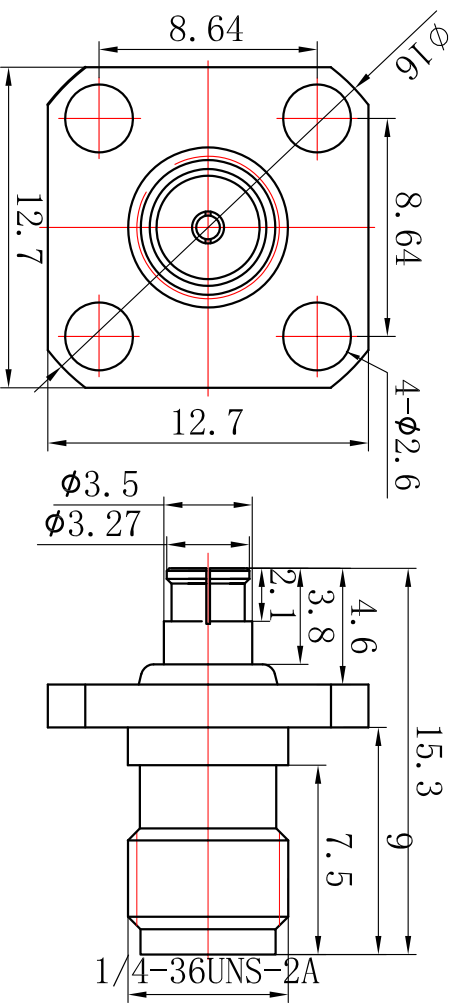

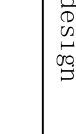


| Reversion | Engineering Change Description | Date         | Owner |
|-----------|--------------------------------|--------------|-------|
| A/0       | NEW                            | 2021. 01. 04 | ZXM   |

|                                  |   |         |
|----------------------------------|---|---------|
| Characteristic impedance         | 50 $\Omega$   |         |
| Frequency range                  | DC to 8.5 GHz   |         |
| Standing wave ratio (VSWR)       | $\leq 1.10$ (DC~8.5G)   |         |
| withstand voltage                | $\leq 0.2\text{dB}@8\text{G}$   |         |
| working voltage                  | 335 V rms   |         |
| Test voltage                     | 1000 V rms  |         |
| Insulation resistance            | $\geq 5000\text{M}\Omega$   |         |
| Center pin contact resistance    | $\text{SMA} \leq 3\text{m}\Omega$ , $\text{SMP} \leq 6\text{m}\Omega$   |         |
| Conductor contact resistance     | $\text{SMA} \leq 2.5\text{m}\Omega$ , $\text{SMP} \leq 2\text{m}\Omega$ |         |
| Center conductor retention force | $\text{SMA} \geq 0.28\text{N}$  |         |
| Intermodulation 3rd order        | N/A   |         |
|                                  |   |         |
| Mechanical and environment       |   |         |
| Temperature range                | $-40\sim+155^{\circ}\text{C}$   |         |
| Salt spray test time             | 48H   |         |
| Airtight                         | N/A   |         |
| durability                       | $\geq 500$ cycles   |         |
|                                  |   |         |
| Materials                        |   |         |
| Connector parts                  | Material  | Plating |
| Center contact                   | QBe   | Au      |
| Outer contact                    | brass   | Au      |
| Dielectric                       | PTFE  |         |
|                                  |   |         |



|  |                      |   |       |                |   |   |                                     |
|--|----------------------|---|-------|----------------|---|---|-------------------------------------|
| CAD GENERATED DRAWING,<br>DO NOT MANUALLY UPDATE   |                      | STANDARD TOLERANCES (unless stated otherwise) |       | Product design |   | <div><br/><b>戴盛通信</b><br/>Dashing Com-Tek Co., Ltd</div> |                                     |
| Any statements in this article shall not be interpreted as suggesting infringement of existing patents. Individual values may vary depending on factors including but not limited to application, design, cable type, assembly, and others workmanship | Geometric tolerances | Positional tolerance                          |       | Design         |   | TITLE:<br><br>SMA\SMP-50KKF   |                                     |
|  |                      |   |       | Drawn          |   |   |                                     |
|  | 0-6                  | ±0.1  | ±0.05 | Workmanship    |   |   |                                     |
|  | 6-10                 | ±0.1  | ±0.05 | Checked        |   |   |                                     |
|  | 10-30                | ±0.15   | ±0.10 | Approvals      |   |   |                                     |
|  | >30                  | ±0.15   | ±0.10 | As mension     |  |   |                                     |
|  | Scale:               |   |       |                |   |   | Drawing No. :<br><br>DS3. 650. 2319 |
| Company website: <a href="http://www.dai.sheng.net">http://www.dai.sheng.net</a> / Email: <a href="mailto:ds168@dai.sheng.net">ds168@dai.sheng.net</a>   |                      |   |       |                |   |   |                                     |