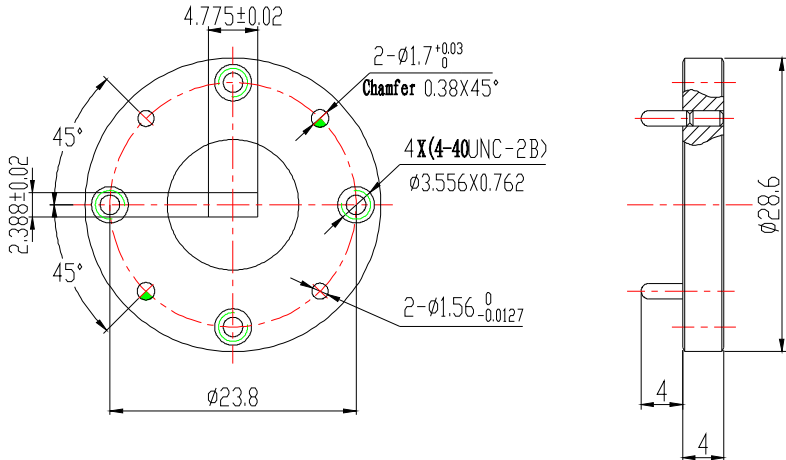


Waveguide Short Plate

Part No: VT500WSC

| | | |
|--|----------------------------------|-------------------|
| 1.0 | Mechanical Specifications | |
| 1.1 | Flange type | FUGP500 (UG383/U) |
| 1.2 | Material | Copper/Brass |
| 1.3 | Finish | Gold plating |
| 2.0 | Electrical Specifications | |
| 2.1 | Frequency Range | 39.2-59.6 GHz |
| 2.2 | VSWR (Min) | 60 |
| 3.0 | Outline Drawing | |
|  <p>Technical drawing showing the mechanical specifications of the Waveguide Short Plate. The drawing includes a top view and a side view.</p> <p>Key dimensions and features:</p> <ul style="list-style-type: none"> Overall diameter: $\phi 23.8$ Distance between hole centers (square): 4.775 ± 0.02 Distance from center to hole center: 2.388 ± 0.02 Hole diameters: $2 - \phi 1.7^{+0.003}_0$ and $2 - \phi 1.56^{0}_{-0.0127}$ Chamfer: $0.38 \times 45^\circ$ Thread: $4 \times (4-40 \text{UNC} - 2B)$ with diameter $\phi 3.556 \times 0.762$ Side view thickness: $\phi 28.6$ Chamfered edge radius: 4 | | |



Revision History

| Date | Revision | Changes |
|-------------|----------|---------------|
| 26-Mar-2006 | 1 | First release |

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