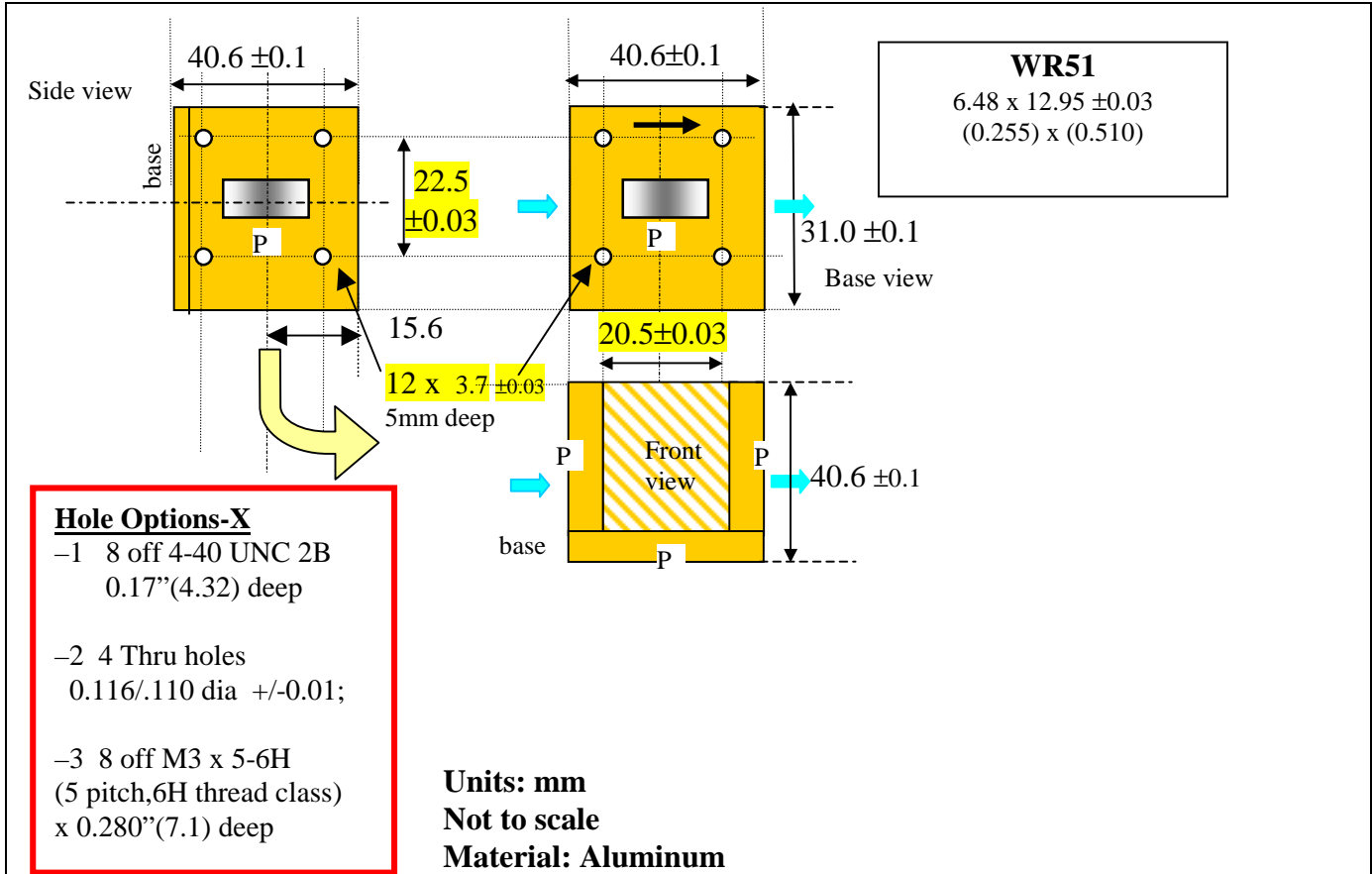


Circulator 15-22GHz (full band or 10% Bandwidth) Waveguide, WR51, RADC-f1-f2-WR51-110WR, or 300WR

WR51 covers 15.0-22.0GHz



| Specifications | 10% Band | Full Band | 10% Band Special High Power | Full Band Special High Power | Special High Power | Units |
|--------------------------|------------|------------|-----------------------------|------------------------------|--------------------|----------|
| Frequency | 15-22 | 15-22 | 15-22 | 15-22 | 20.5-22.5 | GHz |
| Insertion loss | 0.3 | 0.45 | 0.3 | 0.45 | 0.3 | dB max |
| Isolation | 20 | 18 | 20 | 18 | 20 | dB min |
| VSWR | 1.22:1 | 1.3:1 | 1.22:1 | 1.3:1 | 1.22:1 | |
| Rated Power Forward | 110W | 110W | 300W | 300W | 2kW | Watt min |
| Rated Power Reverse | 110W | 110W | 300W | 300W | 2kW(5-10 ms) | Watt min |
| Waveguide interface type | WR51 | WR51 | WR51 | WR51 | WR51 | |
| Operating temperature | -30 to +70 | +15 to +35 | -30 to +70 | +15 to +35 | -30 to +70 | °C |
| Storage temperature | -50 to 105 | -50 to 105 | -50 to 105 | -50 to 105 | -50 to 105 | °C |
| Altitude | to 15,000 | to 15,000 | to 15,000 | to 15,000 | to 15,000 | feet |
| Humidity | to 95 | To 95 | to 95 | To 95 | to 95 | % |