## Parameter | Value
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**Footprint Drawing No.** | FP-10072579
**Product Type** | E-Probe Flange
**Center Frequency f₀** | 2856 MHz and 2998 MHz
**Bandwidth BW** | ± 10 MHz
**Forward Peak Power** | 20 MW max.
**Forward Average Power** | 15 kW max.
**Reverse Power** | 100% at any phase
**Insertion Loss** | ≤ 0.05 dB
**Return Loss** | ≥ 30 dB
**Probe Coupling** | 2x -60 dB ± 1 dB, non-directional
**Probe Connectors** | 2x N-type female
**RF Waveguide** | WR284
**RF Flanges / Connectors** | 1x CPR284F, flat, 10 holes Ø 6.5 mm
| 1x CPR284G, grooved, 10 holes Ø 6.5 mm
**Waveguide Dielectric Filling Gas** | SF6
**Gas Pressure** | nominal: 3 bar absolute, maximum: 4 bar absolute
**Gas Leak Rate (Helium)** | < 5·10⁻⁴ mbar l/s, device pressurized with He gas at 2.5 bar gauge
**Ambient Temperature** | operating: 10°C to 40°C, storage: 0°C to 60°C
**Relative Humidity** | < 80%, non-condensing
**Body Material** | Aluminium, uncoated
**Dimensions and Weight** | see footprint drawing
**Accessories included** | 1x metallic gasket WR284 p/n 1-0002998000-000