|   | SNOL  | Technical Data Sheet  |  |
|---|---|---|--|
| MA Straight Panel<br>(Semicirculo   |   | SMA1GFC50-1500A/1XX   |  |
| ¢1.27<br>   | SW8<br>[.315 HEX.]<br>(.315 HEX.]<br>(.315 HEX.]<br>(.315 HEX.]<br>(.315 HEX.]  | $ \begin{array}{c}  & 0 \\  $ |  |
| Il dimensions are in mm [inch]<br>olerances according to DIN ISO 2768   | 8-mH  |   |  |
| Interface<br>According to<br>Electrical Data<br>Impedance   | MIL-C-39012;MIL-STD   | -348A/310   |  |
| Interface<br>According to<br>Electrical Data<br>Impedance<br>Frequency<br>VSWR (Return Loss)<br>Insertion Loss  | MIL-C-39012;MIL-STD   |   |  |
| Interface<br>According to<br>Electrical Data<br>Impedance<br>Frequency<br>VSWR (Return Loss)<br>Insertion Loss<br>Mechanical Data<br>Coupling mechanisms<br>Weight  | MIL-C-39012;MIL-STD<br>50 Ω<br>DC to 18 GHz<br>≤ 1.25 (≥ 19.08 dB)  |   |  |
| Interface<br>According to<br>Electrical Data<br>Impedance<br>Frequency<br>VSVVR (Return Loss)<br>Insertion Loss<br>Mechanical Data<br>Coupling mechanisms<br>Weight<br>Environmental Data<br>Temperature range<br>RoHS  | MIL-C-39012;MIL-STD<br>50 Ω<br>DC to 18 GHz<br>≤ 1.25 (≥ 19.08 dB)<br>≤ 0.05 x √ F (GHz) dI<br>Screw-lock   |   |  |
| Interface<br>According to<br>Electrical Data<br>Impedance<br>Frequency<br>VSWR (Return Loss)<br>Insertion Loss<br>Mechanical Data<br>Coupling mechanisms<br>Weight<br>Environmental Data<br>Temperature range<br>RoHS<br>Material And Plating<br>Piece Parts<br>Centre contact<br>Body  | MIL-C-39012;MIL-STD<br>50 Ω<br>DC to 18 GHz<br>≤ 1.25 (≥ 19.08 dB)<br>≤ 0.05 x √ F (GHz) dB<br>Screw-lock<br>0.0041 kg<br>-65°C to +165°C<br>compliant<br>Material<br>Brass<br>Stainless Steel  |   |  |
| Interface<br>According to<br>Electrical Data<br>Impedance<br>Frequency<br>VSWR (Return Loss)<br>Insertion Loss<br>Mechanical Data<br>Coupling mechanisms<br>Weight<br>Environmental Data<br>Temperature range<br>RoHS<br>Material And Plating<br>Piece Parts<br>Centre contact  | MIL-C-39012;MIL-STD<br>$50 \Omega$ DC to 18 GHz<br>$\leq 1.25 (\geq 19.08 \text{ dB})$<br>$\leq 0.05 \times \sqrt{F (GHz) \text{ dH}}$<br>Screw-lock<br>0.0041 kg<br>-65 °C to +165 °C<br>compliant<br>Material<br>Brass  | 3<br>P <b>lating</b><br>Gold plating(Nickel underplated)  |  |
| Interface<br>According to<br>Electrical Data<br>Impedance<br>Frequency<br>VSWR (Return Loss)<br>Insertion Loss<br>Mechanical Data<br>Coupling mechanisms<br>Weight<br>Environmental Data<br>Temperature range<br>RoHS<br>Material And Plating<br>Piece Parts<br>Centre contact<br>Body<br>Insulator<br>Gasket                 | $MIL-C-39012; MIL-STD$ $50 \Omega$ $DC to 18 GHz$ $\leq 1.25 (\geq 19.08 dB)$ $\leq 0.05 \times \sqrt{F(GHz)} dB$ $C OO41 kg$ $-65^{\circ}C to +165^{\circ}C$ $C compliant$ $C OO41 kg$ $C OO41 $ | 3<br>Plating<br>Gold plating(Nickel underplated)<br>Passivated  |  |
| Interface<br>According to<br>Electrical Data<br>Impedance<br>Frequency<br>VSWR (Return Loss)<br>Insertion Loss<br>Mechanical Data<br>Coupling mechanisms<br>Weight<br>Environmental Data<br>Temperature range<br>RoHS<br>Material And Plating<br>Piece Parts<br>Centre contact<br>Body<br>Insulator<br>Gasket<br>Coupling nut | $MIL-C-39012; MIL-STD$ $50 \Omega$ $DC to 18 GHz$ $\leq 1.25 (\geq 19.08 dB)$ $\leq 0.05 \times \sqrt{F(GHz)} dH$ $Screw-lock$ $0.0041 kg$ $-65°C to +165°C$ $compliant$ $brass$ $Compliant$ $Brass$ $Stainless Steel$ $PTFE$ $Silicone Rubber$ $Stainless Steel$   | 3<br>Plating<br>Gold plating(Nickel underplated)<br>Passivated  |  |