ROSIOL RF/Microwave Interconnect Technical Data Sheet SMA Straight Panel Receptacle Jack SMA2GFD50-1204C/9X (Flat End) Ø0.51 [.020 DIA.] /4-36UNS-2A I.OGNINA,J 7.9 [.311] 1.6 <u>2.54</u> [.100] 36.35 [.063] 502 250 12.04 <u>9,5</u> [.474] [.374 SQ.] All dimensions are in mm [inch] Tolerances according to DIN ISO 2768-mH Interface According to IEC 60169-15; MIL-STD-348A/310 Electrical Data Impedance 50 Ω DC to 18 GHz Frequency VSWR (Return Loss) $\leq 1.25 (\geq 19.08 \text{ dB})$ Insertion Loss $\leq 0.05 \times \sqrt{F(GHz)} dB$ Mechanical Data Coupling mechanisms Screw-lock Weight N/A Environmental Data Temperature range -65°C to +165°C RoHS compliant Material And Plating Piece Parts Material Plating Beryllium Copper Gold plating(Nickel underplated) Centre contact Stainless Steel Body Passivated PTFE Insulator Packing Single or 100 The facts and figures herein are carefully compiled to the best of our Rosnol RF/Microwave Technology Page Rev.:knowledge, but they are intended for general informational purposes only. www.rosnol.com; info@rosnol.com In the effort to improve our products, we reserve the right to make changes Phone: +886-3-463-5095 / Fax:+886-3-463-5952 Date: 1/1 19/11/10 judged to be necessary. N-CAGE Code: SFKK0