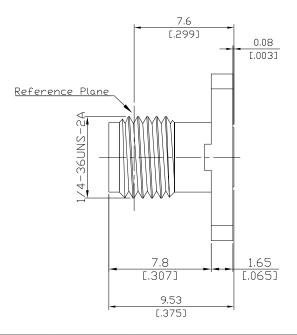
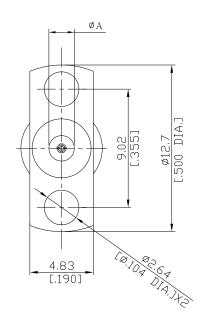


Technical Data Sheet

Precision SMA (Female) Straight Field Replaceable Jack

PCA2BT50-0009C/9X





| P/N | Accept Pin mm [inch] | Max. Pin Depth mm [inch] | Ø A mm [inch] |
|-------------------|-------------------------|-----------------------------|------------------|
| PCA2BT50-0020C/9X | 0.51 [.020] | 2.54 [.100] | 2.67 [.105] |
| PCA2BT50-0018C/9X | 0.46 [.018] | 2.54 [.100] | 2.59 [.102] |
| PCA2BT50-0015C/9X | 0.38 [.015] | 2.54 [.100] | 1.96 [.077] |
| PCA2BT50-0012C/9X | 0.30 [.012] | 1.90 [.075] | 1.96 [.077] |
| PCA2BT50-0009C/9X | 0.23 [.009] | 1.65 [.065] | 1.52 [.060] |

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

Impedance50 ΩFrequencyDC to 27 GHzVSWR (Return loss)≤ 1.15 (≥ 23.13)

Mechanical Data

Coupling mechanisms

Screw-lock

Weight

Accept Pin

Screw-lock

N/A

0.23 mm (.009 inch)

Environmental Data

Temperature range $-55\,^{\circ}\text{C}$ to $+165\,^{\circ}\text{C}$ RoHS compliant

Material And Plating

| Piece Parts | Material | Plating |
|----------------|------------------|----------------------------------|
| Centre contact | Beryllium Copper | Gold plating(Nickel underplated) |
| Body | Stainless Steel | Passivated |
| Insulator | PTFE | |

Packing

Single or 100

| The facts and figures herein are carefully compiled to the best of our | Rev.:- | Rosnol RF/Microwave Technology | Page |
|---|----------|---|------|
| 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 | Date: | Phone: +886-3-463-5095 / Fax: +886-3-463-5952 | 1/1 |
| judged to be necessary. | 19/11/10 | N-CAGE Code: SFKK0 / ISO9001 certified | 1/ 1 |