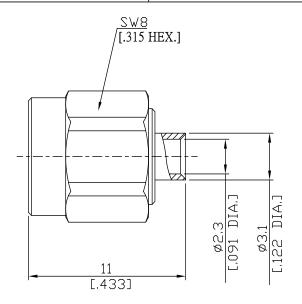


### Technical Data Sheet

# 2.92mm Straight Cable Plug

## K1E50-0085A/9XX



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

#### Interface

According to

IEC 61169-35; MIL-C-39012; MIL-STD-348A/323

#### Electrical Data

Impedance

Insertion Loss

50 Ω

Frequency VSWR (Return Loss) DC to 40 GHz  $\leq 1.30 (\geq 17.69 \text{ dB})$  $\leq 0.05 \times \sqrt{F (GHz)} \text{ dB}$ 

- Digressions are possible due to the used cable type and manufacturing process -

#### Mechanical Data

Coupling mechanisms
Centre contact
Cable entry

Screw-lock Plug-in Crimped

#### Environmental Data

Temperature range RoHS -55°C to +165°C compliant

#### Material And Plating

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PEI	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Barrel (cable entry)	Brass	Gold plating(Nickel underplated)

#### Suitable Cables

SR085, SF085, MF085, Sucoform 86

Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our	Rev. 10	Rosnol RF/Microwave Technology	Page
knowledge, but they are intended for general informational purposes only.		www.rosnol.com; info@rosnol.com	0
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: SFKKO	1/1