



All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to CECC 22 240

Documents

N/A

Material and plating

Connector parts

	Material	Plating
Center contact plug	Brass	AuroDur, gold plated
Center contact jack	Beryllium copper	AuroDur, gold plated
Outer contact plug	Beryllium copper	AuroDur, gold plated
Outer contact jack	Brass	AuroDur, gold plated
Body	Brass	Nickel, 2.5-5 µm
Coupling nut	Brass	Nickel, 2.5-5 µm
Dielectric	PTFE	

**Y-ADAPTOR
1.6/5.6 PLUG – JACK - PLUG**

78S301-K00L5**Electrical data**

Impedance	75 Ω
Frequency	DC to 0.5 GHz
Insulation resistance	$\geq 10 \times 10^3 \text{ M}\Omega$
Center contact resistance	$\leq 4 \text{ m}\Omega$
Outer contact resistance	$\leq 2 \text{ m}\Omega$
Test voltage	1000 V rms
Working voltage	330 V rms
RF-leakage	$\geq 90 \text{ dB}$ up to 1 GHz (slide-on) $\geq 100 \text{ dB}$ up to 1 GHz (screw version)

Mechanical data

Mating cycles	≥ 500
Engaging and disengaging force	2.2 N to 12 N (screw-on, slide-on) 18 N to 50 N (quick-lock)
Center contact captivation	$\geq 30 \text{ N}$
Coupling mechanism retention force	$\geq 300 \text{ N}$ (screw version, quick-lock)

Environmental data

Temperature range	-40°C to +85°C	
Climatic class	IEC 60068-2-1 40/85/21 IEC 60068-2-2 IEC 60068-2-3	
Vibration	IEC 60068-2-6	10 Hz to 2000 Hz, 100m/s ²
RoHS	compliant	

Tooling

N/A

Suitable cables

N/A

Weight

Weight 26.4 g/pce

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
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