DIL-Capacitor Sockets Series K1-110

The capacitor socket is used in bus drivers or storages to avoid voltage dips during switching.

The connecting cable of the capacitor is injected with the socket contact.

Highest contact safety due to 4 multi-disc contact spring made of Beryllium copper with homogeneous gilding.

8- to 40-pin, all side arrangable. For PCB´s up to 2.0 mm thickness.

No capillary action during soldering due to screened inner contact (no fluxing medium or tin in the contact area).

Contact clip Beryllium copper
Surface nickel 2 - 3 µm, gold flash

Sleeve typical CuZn alloy turned
Surface tin (Sn100)

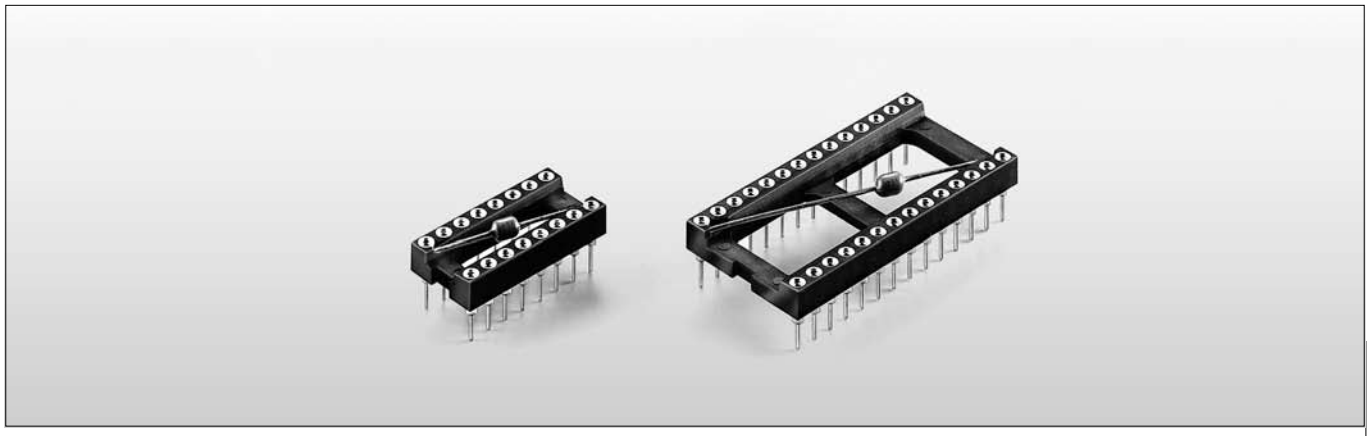
Insulator body Thermoplastic polyester glass-fibre reinforced,self-extinguishing rated UL94V0.

Operation temperature -55 up to +125°C

Solder temperature
from 235°C acc. IEC 68-2-54 Ta
Solder head resistance
up to 260°C 10 sec. acc. IEC 68-2-20 Tb

Contact depth 2.4 mm by safe contact making
Accepted diameter 0.4 - 0,56 mm
Rated voltage max. 50 VDC
Insulation resistance $>10^{10}\ \Omega$
Contact resistance $\leq 10\ m\Omega$
Air and creepage distance > 0.7 mm
Current carrying capacity per contact 1 A
Moisture sensibility level (MSL) J-STD-020C Level 1
RoHS-conform

Ceramic multi level capacitor Z5U
Capacity 0,1 µF ± 20%
Rated voltage max. 50 VDC
Operating temperature -25 up to +125°C

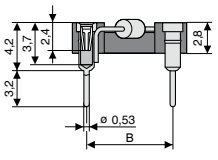


Sleeve — 5 µm tin
Clip — Gold flash

A	B	Pins	PU	Order No.	Min. order amount
10.1	7.62	**8**	52	K1 110-87-308	11,370
17.7	7.62	**14**	29	K1 110-87-314	
20.3	7.62	**16**	25	K1 110-87-316	
22.8	7.62	**18**	22	K1 110-87-318	5,060
25.3	7.62	**20**	20	K1 110-87-320	
30.4	7.62	**24**	17	K1 110-87-324	3,910
30.4	15.24	**24**	17	K1 110-87-624	2,550
35.4	15.24	**28**	14	K1 110-87-628	
40.6	15.24	**32**	12	K1 110-87-632	1,800
50.6	15.24	**40**	10	K1 110-87-640	1,500

More sizes on request

For pins
Ø 0,4 up to 0,56 mm
▱ 0,25 x 0,45 mm



PU = Packaging Unit