

25 PLCC-Adapter Series 531

The angled SMD connections with a large soldering area ensure a high draw-off strength.

Suitable for all PLCC sockets in JEDEC Type A design.

The massive square pins guarantee a safe connection. The pin length of 5.5 mm in the insertion area ensure a safe contact. For particularly low component height, the insertion depth can be reduced to 4.6 mm.

The drill-holes in the insulated body enable the socket to be fixed onto the PCB.

Contact pin Surface typically CuZn alloy
2-3 µm nickel,
0.15 µm gold

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

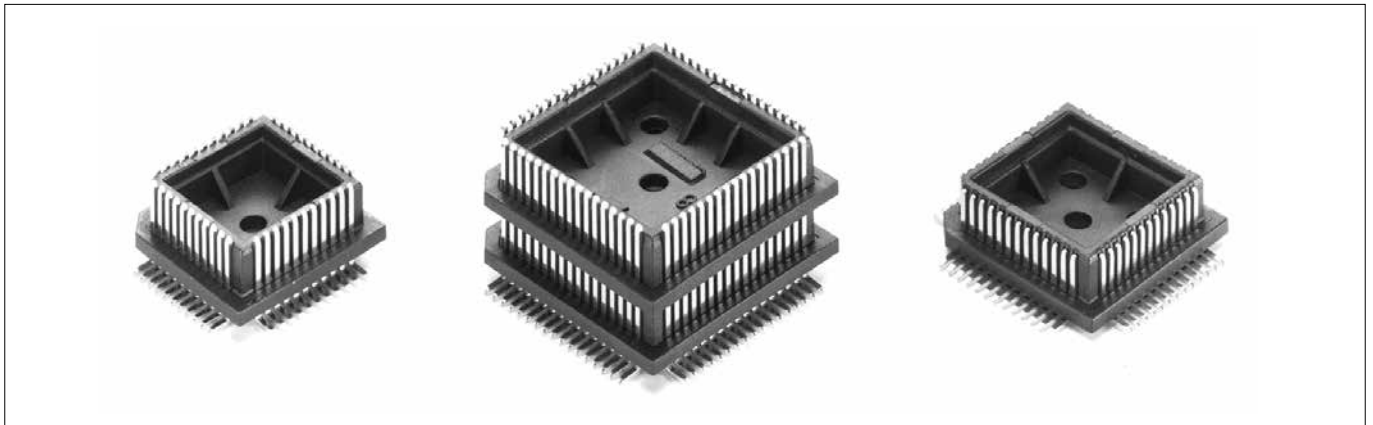
Operation temperature -55 up to +125 °C

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

Mechanical life > 500 cycles
Rated voltage 100 V_{RMS}/150 VDC
Insulation resistance > 10¹⁰ Ω
Air and creepage distance > 0.6 mm
Current carrying capacity per contact 1 A
Moisture sensibility level (MSL) J-STD-020C Level 1

RoHS-conform



Customer Specific Design

Type: 1 2 3

Length: A = _____ A = _____
M = A - 2.1 mm M = A - 3.1 mm
K = 5.5 mm K = 4.6 mm

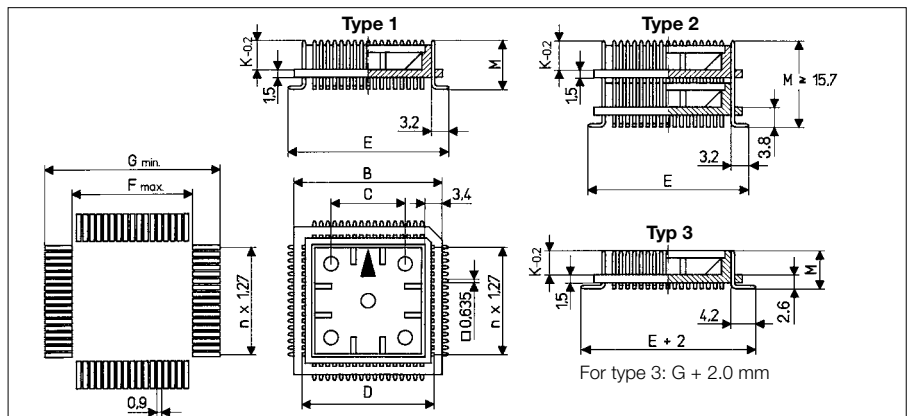
Surface: tinned
 gold plated 0.15 µm
 gold plated 0.75 µm

Pin count: _____

Single contact pin stock items

A	Gold 0.15 µm	
10.2	x	
10.8	x	
11.4	x	
12.4	x	
13.5	x	
14.7	x	
15.2	x	
16.5	x	
17.8	x	
19.1	x	
19.8	x	
21.6	x	
24.1	x	
26.7	x	
29.2	x	

Custom length and surface finishes for 60,000 pins or more.



							Type	1	2	3			
							M	9.3	15.7	7.1			
							K	5.5	5.5	4.6			
B	C	D	E	F	G	Pins	Part No.						
							Contact pin 0.15 µm gold plated						
12.8		9.8	15.0	6.7	15.9	20							
15.3		12.3	17.4	9.2	18.4	28	3306811	3306911	3307311				
15.3		12.3	17.4	9.2	19.4	32	3306821	3306921	3307321				
18.0		14.9	20.0	11.8	22.0	44	3306831	3306931	3307331				
20.3		17.4	22.5	14.3	24.5	52	3306841	3306941	3307341				
23.0	9.5	19.9	25.1	16.8	27.1	68	3306851	3306951	3307351				
28.0	14.0	25.0	30.1	21.9	32.1	84	3306861	3306961	3307062				
33.0	17.8	30.1	35.2	26.8	37.2								