



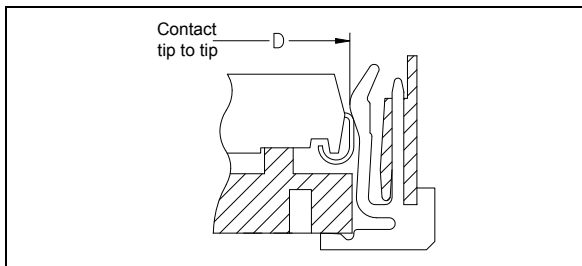
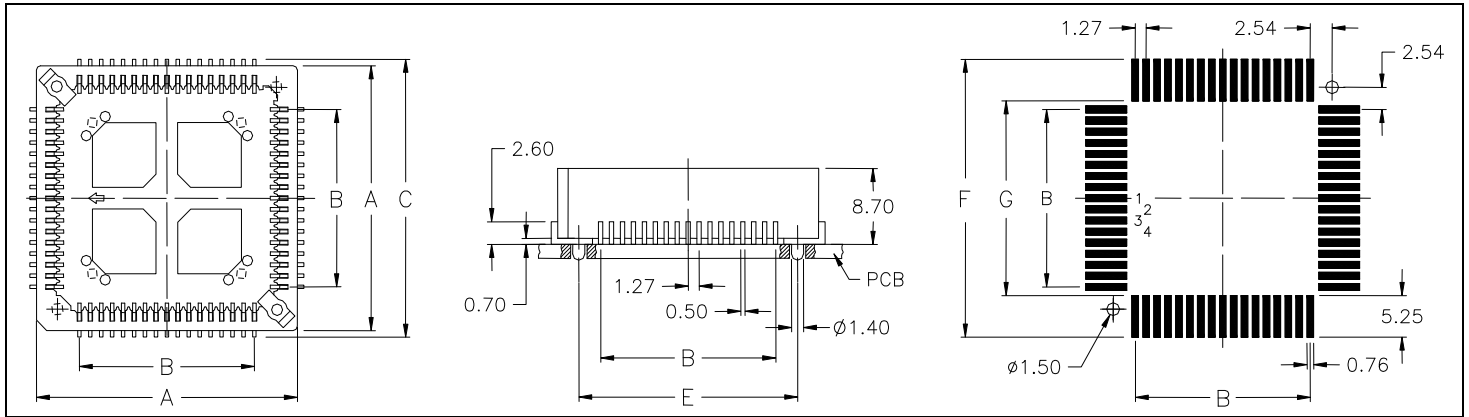
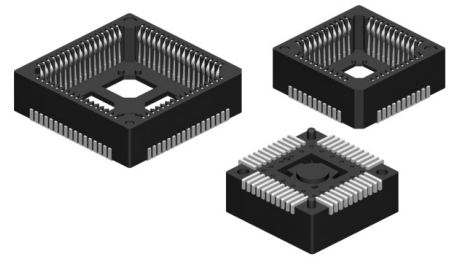
E-tec „hi-rel“ SMT PLCC sockets correspond to JEDEC Norms. Precision stamped contact design provides special „push-down effect“ onto the leads of the chip.

For very high shock and vibration applications a chip retention clip can be obtained on request.

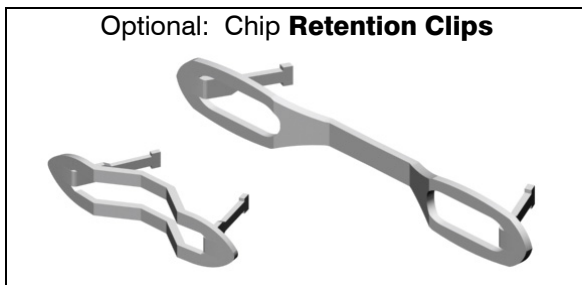
Inside polarisation corner prevents wrong insertion of the chips.

Stand-off's under the base prevent solder shorts.

Chips can be easily removed with the Universal extraction tool PUL-200.



JEDEC Specification for Plastic Leaded Chip Carrier					
Jedec Nbr	Nbr of Pin	Dimensions mm/inch			
		"A" min.	"A" max.	„B“ min.	„B“ max.
MO-047 AB	28	12,32 / .485	12,57 / .495	1,37 / .054	2,36 / .093
MO-052 AE	32 rectang.	14,86 x 12,32 .585 x .485	15,11 x 12,57 .595 x .495	1,37 / .054	2,36 / .093
MO-047 AB	44	17,40 / .685	17,65 / .695	1,37 / .054	2,36 / .093
MO-047 AB	52	19,94 / .785	20,19 / .795	1,37 / .054	2,36 / .093
MO-047 AB	68	25,02 / .985	25,27 / .995	1,37 / .054	2,36 / .093
MO-047 AB	84	30,10 / 1.185	30,35 / 1.195	1,37 / .054	2,36 / .093



Mechanical data		Temperature		Electrical data	
Plating	Sn (leadfree) over Ni; Au on request	Operating temp.	- 55°C to +125°C	Operating voltage	100 V RMS / 150V DC
Mating cycles	min. 50	Soldering temp.	+250°C +0/-5°C for 20~40 sec.	Breakdown voltage	>600 V RMS
Insertion force	max. 1,30N per contact	Material		Contact resistance	<20 mΩ
Extraction force	min. 0,90N per contact	Insulator (RoHS compliant)	high temp plastic UL 94 V-0	Insulation resistance	>5000 MΩ
		Contact (RoHS compliant)	Phosphor Bronze	Current rating	1 A max., 100V
		Retention Clip	Spring steel	Capacitance	<2 pF

PIN	Ordering Code PLCC SMT Type	Dimensions mm/inch						
		"A" +0.10 -0.20	"B"	"C" +0.10 -0.05	"D"	"E" +0.10 -0.15	"F" +0.05 -0.00	"G" +0.00 -0.05
28	PLP - 028 - H100 - 99 ( /x )	17,60/.693	7,62/.300	19,10/.752	11,50/.453	12,70/.500	19,60/.772	9,10/.358
32	PLP - 032 - H100 - 99 ( /x ) (rectangular)	17,60 x 20,14 .693 x .793	7,62 x 10,16 .300 x .400	19,10 x 21,64 .752 x .852	11,50 x 14,04 .453 x .553	12,70 x 15,24 .500 x .600	19,60 x 22,14 .772 x .872	9,10 x 11,14 .358 x .438
44	PLP - 044 - H100 - 99 ( /x )	22,68/.893	12,70/.500	24,18/.952	16,58/.653	17,78/.700	24,68/.972	14,18/.558
52	PLP - 052 - H100 - 99 ( /x )	25,22/.993	15,24/.600	26,72/1.052	19,12/.753	20,32/.800	27,22/1.072	16,72/.658
68	PLP - 068 - H100 - 99 ( /x )	30,30/1.193	20,32/.800	31,80/1.252	24,20/.953	25,40/1.000	32,30/1.272	21,80/.858
84	PLP - 084 - H100 - 99 ( /x )	35,38/1.393	25,40/1.000	36,88/1.452	29,28/1.153	30,48/1.200	37,38/1.472	26,88/1.058

for sockets with index pins please add: /1 = 1 pin in right angle corner /2 = 1 pin in slanted corner /3 = 2 pins diagonal

Order Code for optional Retention Clip : HCP - xxx (replace "xxx" with nbr of pins. Example. -028 if for 28-pin Socket )

PUL - 200 Universal extraction tool for all socket sizes (see also page 44)