

Pin-outs

Other pin-outs available on request.

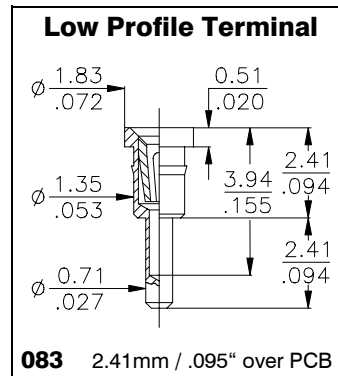
Despite the very low profile of these sockets the IC legs can be inserted completely.

Recommended PCB Layout

Recommended drilling hole dia \varnothing 0,8mm/.031“

Pin	Dimensions mm/inch		Ordering Code
	"A"	"B"	
14	17,78/.700	7,62 .300	LOP - 314 - S083 - 95
16	20,32/.800		LOP - 316 - S083 - 95
18	22,86/.900		LOP - 318 - S083 - 95
20	25,40/1.000		LOP - 320 - S083 - 95
24	30,48/1.200		LOP - 324 - S083 - 95
		15,24 .600	
24	30,48/1.200		LOP - 624 - S083 - 95
28	35,56/1.400		LOP - 628 - S083 - 95
		15,24 .600	
32	40,64/1.600		LOP - 632 - S083 - 95
40	50,80/2.000		LOP - 640 - S083 - 95
10	25,40/1.000		SLP - 110 - S083 - 95
14	35,56/1.400		SLP - 114 - S083 - 95

Other sizes on request.



Plating

Standard:

- 95 = tin/gold (tin leadfree)

Alternative

- 55 = gold/gold
- 99 = tin/ tin (leadfree)

Specifications

Mechanical data		Electrical data	
Insertion force	1,80 N (avg)	Contact resistance at 1A	4,3 mΩ typ.
Extraction force	0,90 N (avg)	Current rating	1A max., 100V
Contact life	> 100 cycles	Contact capacitance at 1MHz	2 pF max.
Solderability	exceeds MIL-STD-202 Methode 208	Insulation resistance at 500V DC (MIL-STD-1344 Methode 3003)	5 × 10 ⁹ Ω min.
Water absorption during 24hrs at 20°C	0,05%	Breakdown voltage at 60 Hz (MIL-STD-1344 Methode 3001.1)	500 V AC
Contact security:		Contact resistance	≤7 mΩ
-Vibration (MIL-STD-202 Method 204 B)	20g	Operating temperature	-55° C to +150° C
-Shock (MIL-STD-202 Method 202 C)	150g	Pitch	2,54 mm (.100")
Material			
Insulator (RoHS compliant)	Glass filled polyester UL 94 V-0		
Terminal (RoHS compliant)	CuZn		
Contact (RoHS compliant)	BeCu		