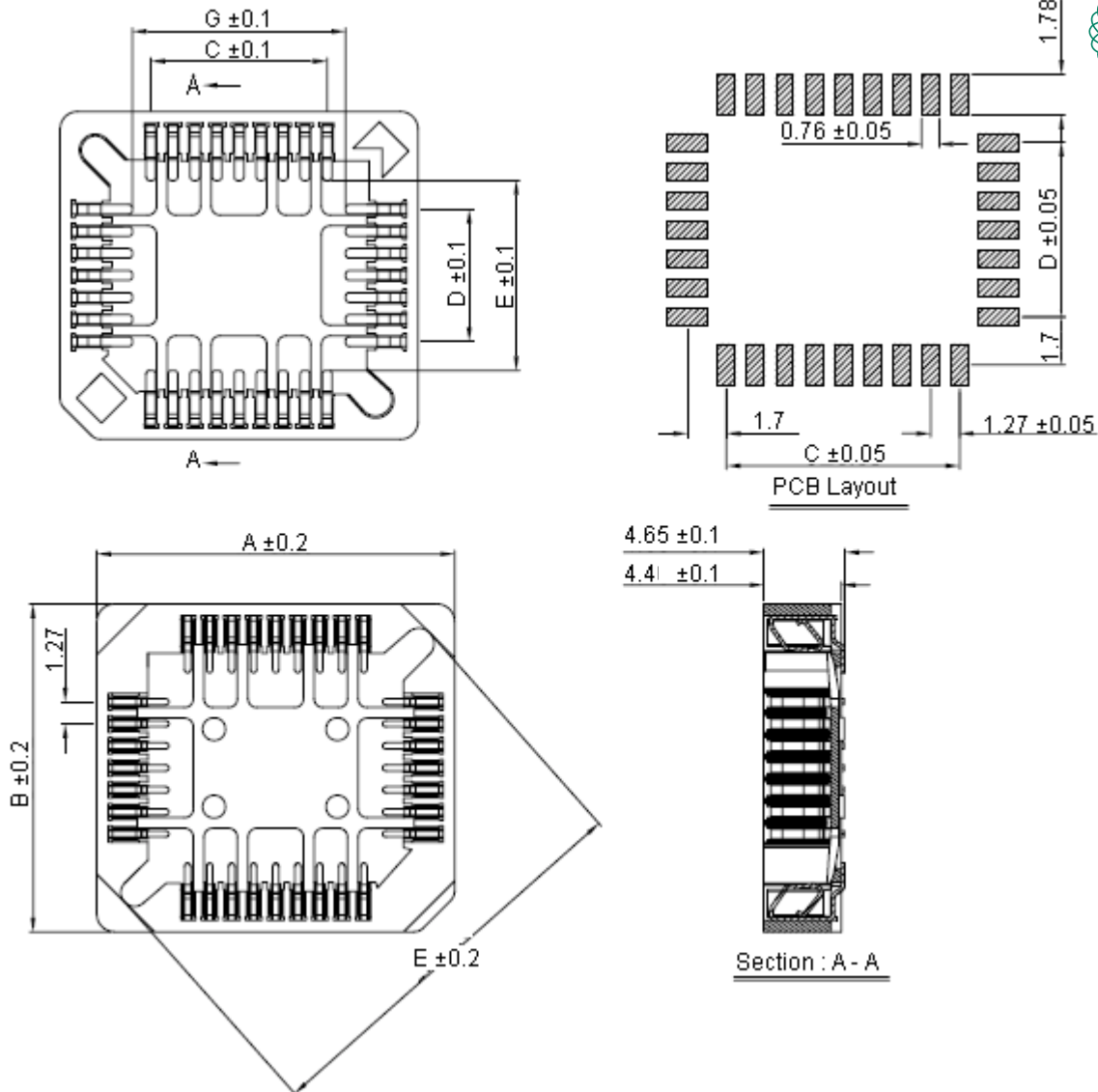


PLCC Socket

SMD Type



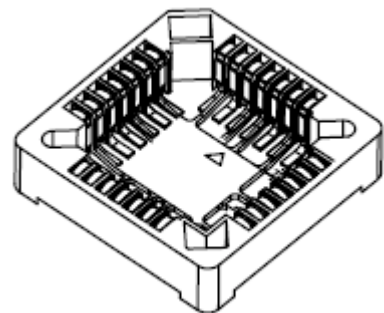
Specifications:

Current Rating	: 1 A AC/DC
Voltage Rating	: 250 V AC/DC
Maximum Contact Resistance	: 15 mohms
Minimum Insulation Resistance	: 10,000 Mohms
Withstanding Voltage	: 600 V AC For One Minute
Operating Temperature Range	: -40°C to +105°C

Material and Finish:

Plastic	: High Temperature Plastic (PPS UL94V-0)
Insulator Colour	: Coffee
Contact Material	: Phosphor Bronze
Plating	: Tin Plated

Dimensions : Millimetres



PLCC Socket



SMD Type

No. of Contacts	A	B	C	D	E	F	G	Package (Pieces / Tube)
32	20.74	18.2	10.16	7.62	23	9.66	12	16
44	23.28	23.28	12.7	12.7	28.3	14.91	14.91	12
17.48	11	52	25.82	25.82	15.24	15.24	31.65	17.48
68	30.9	30.9	20.32	20.32	39	22.43	22.43	9
84	35.98	35.98	25.4	25.4	46.1	27.28	27.28	8

Dimensions : Millimetres

1. Performance

1-1 Electrical Performance

Item	Test Condition	Requirement
1-1-1	Contact Resistance Mate connectors the PLCC Socket SMD Type and measure by dry circuit, 20 mV maximum 10 mA (JIS C5402 5.4)	15 mΩ Maximum
1-1-2	Insulation Resistance Mate connectors the PLCC Socket SMD Type and apply 600 V DC between adjacent terminal or ground (JIS C5402 5.2/MIL-STD-202 Method 302)	10,000 MΩ Minimum
1-1-3	Dielectric Strength Mate connectors the PLCC Socket SMD Type and apply 600 V AC (rms) for 1 minute between adjacent terminal or ground (JIS C5402 5.1/MIL-STD-202 Method 301)	No Breakdown

1-2 Environmental Performance and Others

Item	Test Condition	Requirement
1-2-1	Repeated Insertion and Withdrawal When mated up to 30 cycles repeatedly by the rate of 10 cycles per minute	Contact Resistance : 15 mΩ Maximum
1-2-2	Heat Resistance 105 ±2°C 96 hours (JIS C0021/MIL-STD-202 Method 108)	Appearance : No Damage
		Contact Resistance : 15 mΩ Maximum
1-2-3	Cold Resistance -40 ±3°C 96 hours (JIS C0020)	Appearance : No Damage
		Contact Resistance : 15 mΩ Maximum
1-2-4	Humidity Temperature : 60 ±2°C Relative Humidity : 90 to 95% Duration : 96 hours (JIS C0022/MIL-STD-202 Method 103)	Appearance : No Damage
		Contact Resistance : 15 mΩ Maximum
		Dielectric Strength : Must meet product specification 1-1-3
		Insulation Resistance : 10,000 MΩ Minimum

PLCC Socket

SMD Type



1-2 Environmental Performance and Others

Item		Test Condition	Requirement	
1-2-5	Temperature Cycling	5 cycles of: a) -40°C 30 minutes b) +105°C 30 minutes (JIS C0025)	Appearance	No Damage
			Contact Resistance	15 mΩ Maximum
1-2-6	Salt Spray	12 ±4 hours exposure to a salt spray from the 5 ±1% solution at 35 ±2°C (JIS C0023/MIL-STD-202 Method 101)	Appearance	No Damage
			Contact Resistance	15 mΩ Maximum
			Contact Resistance	15 mΩ Maximum
1-2-7	Solderability	Solder Time : 5 ±0.5 s Solder Temperature : 260 ±5°C	Solder Wetting	95% of immersed area must show no voids, pin holes
1-2-8	Soldering Profile 1-2-8-1 Manual Soldering 1-2-8-2 IR Reflow g	Solder temperature : 400 ±5°C Time : 5 ±3 s Solder Temperature : 260 ±5°C Solder Time : 5 ±0.5 s Preheating : 150 ±10°C for 1 to 2 minute	Dielectric Strength	Appearance No Damage
		<p style="text-align: center;">PPS Recommended Temperature Profile</p>	See Temperature Profile	

Part Number Table

Description	Part Number
Socket ICC, PLCC, Tube/28, 32Way	6601-32-01-F6
Socket ICC, PLCC, Tube/25, 44Way	6601-44-01-F6
Socket, ICC, PLCC, Tube/22, 52Way	6601-52-01-F6
Socket, ICC, PLCC, Tube/19, 68Way	6601-68-01-F6
ICC Socket, PLCC SMD 84Way Tube/16	6601-84-01-F6

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2012.