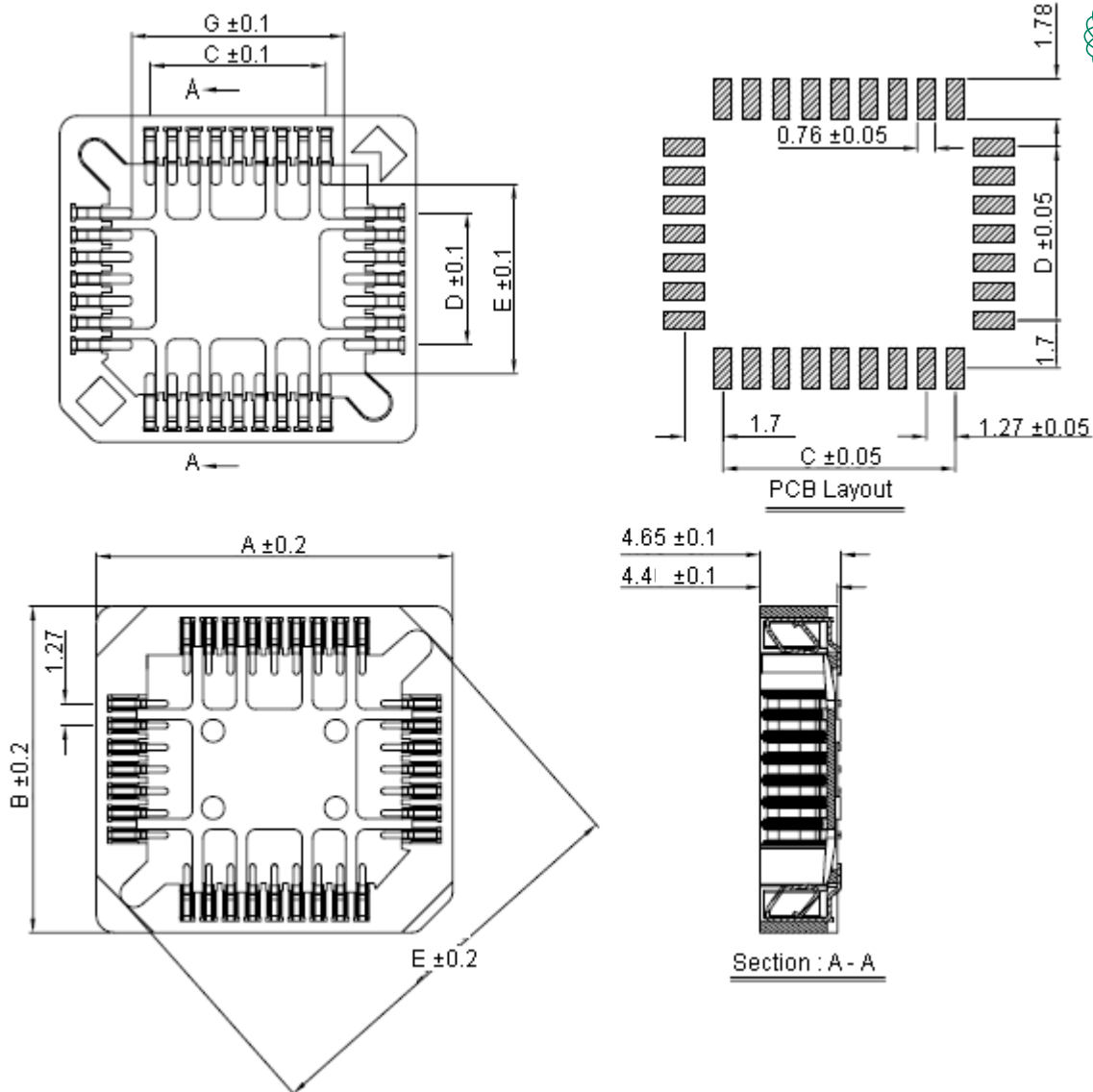


PLCC Socket

SMD Type



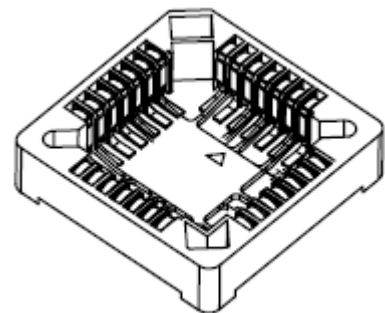
Specifications:

Dimensions : Millimetres

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



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

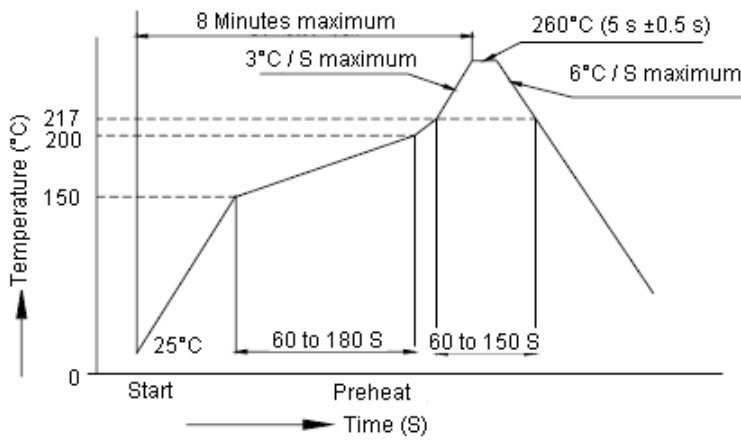
Item		Test Condition	Requirement	
1-2-1	Repeated Insertion and Withdrawal	When mated up to 30 cycles repeatedly by the rate of 10 cycles per minute	Contact Resistance	15 mΩ Maximum
1-2-2	Heat Resistance	105 ±2°C 96 hours (JIS C0021/MIL-STD-202 Method 108)	Appearance	No Damage
			Contact Resistance	15 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 Reflowing	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
		 PPS Recommended Temperature Profile		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

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