

PLCC Socket

RoHS
Compliant



Specifications:

Material:

Insulator : PPS, glass reinforced
Insulator Colour : Black
Contacts : Phosphor bronze

Plating:

Tin over copper underplate overall

Electrical:

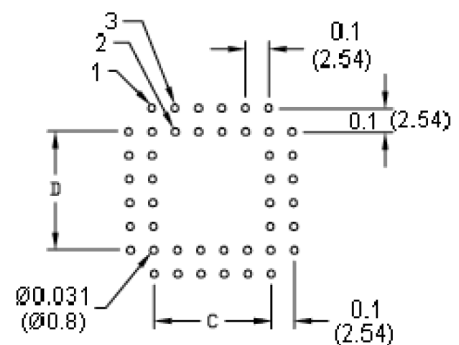
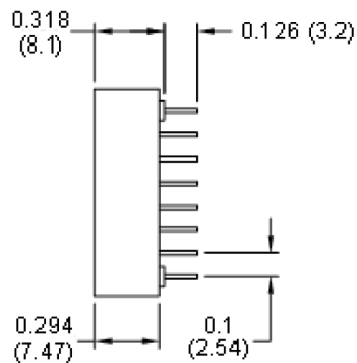
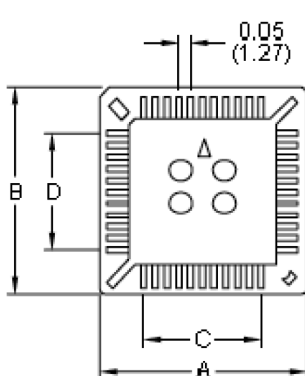
Max. Operating Voltage : 250V AC
Max. Current Rating : 1A
Max. Contact Resistance : 30mΩ
Min. Insulation Resistance : 1,000MΩ
Dielectric Withstanding Voltage : 500V AC for 1 min

Temperature Rating:

Operating Temperature : -55°C to +105°C

Environmental:

Lead Free
Recommended Soldering Temperature : 235°C for 5 s



Recommended
PCB Layout

Dimensions : Inches (Millimetres)

Specification Table:

Part Number	Positions	A		B		C		D		Mounting Style
		Inches	mm	Inches	mm	Inches	mm	Inches	mm	
MC-20PLCC	20	0.61	15.5	0.61	15.5	0.2	5.08	0.2	5.08	Thru-hole
MC-28PLCC	28	0.71	18.03	0.71	18.03	0.3	7.62	0.3	7.62	
MC-32PLCC	32	0.71	18.03	0.81	20.57	0.3	7.62	0.4	10.16	
MC-44PLCC	44	0.925	23.5	0.925	23.5	0.5	12.7	0.5	12.7	
MC-52PLCC	52	1.018	25.88	1.018	25.88	0.6	15.24	0.6	15.24	
MC-68PLCC	68	1.245	31.6	1.245	31.6	0.8	20.32	0.8	20.32	
MC-84PLCC	84	1.445	36.7	1.445	36.7	1	25.4	1	25.4	

Unless otherwise specified all dimensions are inches (mm)

Tolerances : except as noted

Inches	Holes
.X : ±0.1	Ø.X : ±0.1
.XX : ±0.02	Ø.XX : ±0.015
.XXX : ±0.015	Ø.XXX : ±0.01

Part Number Table

Description	Part Number
PLCC Socket, 20 Pin, Thru-hole	MC-20PLCC
PLCC Socket, 28 Pin, Thru-hole	MC-28PLCC
PLCC Socket, 32 Pin, Thru-hole	MC-32PLCC
PLCC Socket, 44 Pin, Thru-hole	MC-44PLCC
PLCC Socket, 52 Pin, Thru-hole	MC-52PLCC
PLCC Socket, 68 Pin, Thru-hole	MC-68PLCC
PLCC Socket, 84 Pin, Thru-hole	MC-84PLCC

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