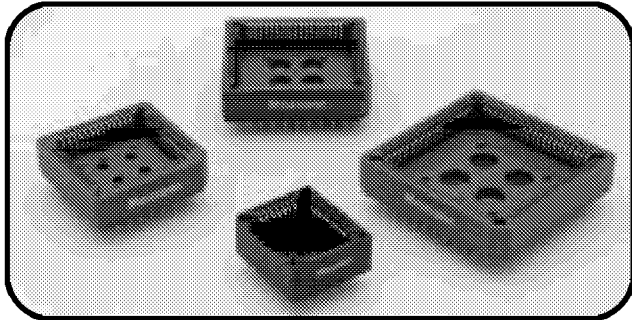


IC SOCKETS

# MH-PLCC Series

## PLCC Sockets

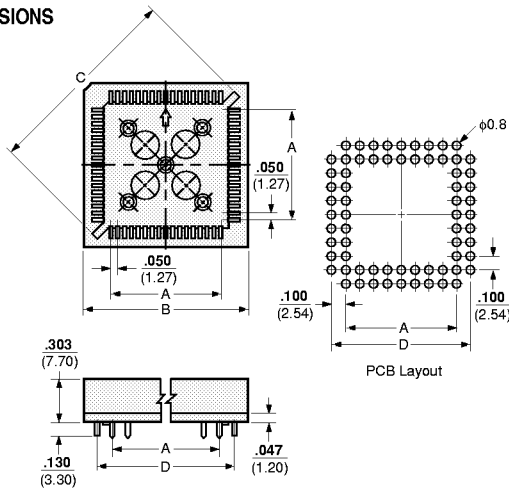
.303 High  
20 to 100 pins



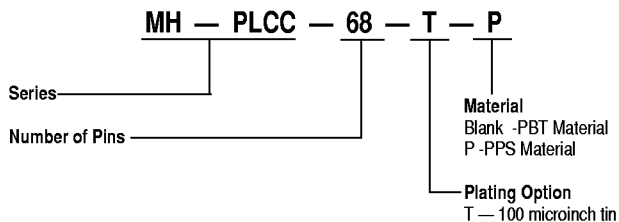
Features

- .303 high
- Low profile construction
- Closed bottom for excellent protection from solder wicking into contact area
- Molded in stand-offs allow easy removal of flux residue in the assembly operation

DIMENSIONS



How To ORDER



MAXCONN

PERFORMANCE SPECIFICATIONS

Materials and Finish

**Dielectric Body:** PBT: thermoplastic, black color, 30% glass filled, self-extinguishing, 94V-0 rated

PPS: Polyphenylene sulfide, dark brown color, 94V-0 rated

**Contact Material:** Phosphor bronze

**Contact Finish:** 100 microinch tin, over 70 microinch copper

Electrical Characteristics

**Contact Current Rating:** 1 Amp

**Contact Resistance:** 30 milliohms maximum

**Dielectric Withstanding Voltage:** 500 Vac minimum

**Insulation Resistance:** 1,000 megohms minimum

**Temperature Rating:** PBT — -55° C to + 105° C

PPS — -55° C to + 220° C

Mechanical Characteristics

**Contact Separation Force:** 1.22 ounces minimum per contact

**Contact Engagement Force:** 1.39 ounces maximum per contact

Number of Contact Positions	Dimensions			
	A	B	C	D
<b>PBT Material</b>				
20	0.200	0.611	0.722	0.400
	5.08	15.52	18.34	10.16
28	0.300	0.719	0.817	0.500
	7.62	18.28	20.76	12.70
32	0.300	0.737	0.907	0.600
	7.62	18.74	23.05	15.24
44	0.500	0.925	1.121	0.700
	12.70	23.50	28.48	17.78
52	0.600	1.018	1.292	0.800
	15.24	25.88	32.82	20.32
68	0.800	1.228	1.150	1.000
	20.32	31.20	38.36	25.40
84	1.000	1.423	1.795	1.200
	25.40	36.15	45.60	30.48
100	1.200	1.663	2.136	1.400
	30.48	42.23	54.25	35.56
<b>PPS Material</b>				
44	0.500	0.921	1.090	0.700
	12.70	23.40	27.70	17.78
68	0.800	1.228	1.510	1.000
	20.32	31.20	38.36	25.40
84	1.000	1.423	1.795	1.200
	25.40	36.15	45.60	30.48