

Specifications

Insulation Resistance: 1,000M Ω min. at 500V DC
 Dielectric Withstanding Voltage: 700V AC for 1 minute
 Contact Resistance: 20m Ω max. at 10mA max.
 Current Rating: 1A max.
 Operating Temperature Range: -40°C to +150°C
 Mating Cycles: 25,000 to 50,000 insertions

Materials and Finish

Housing: Polyetherimide (PEI), glass-filled - UL94V-0 rated
 Contacts: Copper Alloy
 Plating: Gold over Nickel

Features

- Shrink pitch (1.778mm) sockets for high-density mounting
- Dual wipe contacts ensure high reliability
- Two terminal lengths (3mm / 5mm) available.
 The 5mm type can be used as a piggy-back socket



Part Number (Details)

IC121 - 52 06 - G 4 L MF

Series No.

No. of Contact Pins

Row Space (06 = 0.6 inches)

Contact Plating (G = Gold Plating)

Straight Solder Dip Terminal

Terminal Length Option:

L = 5mm

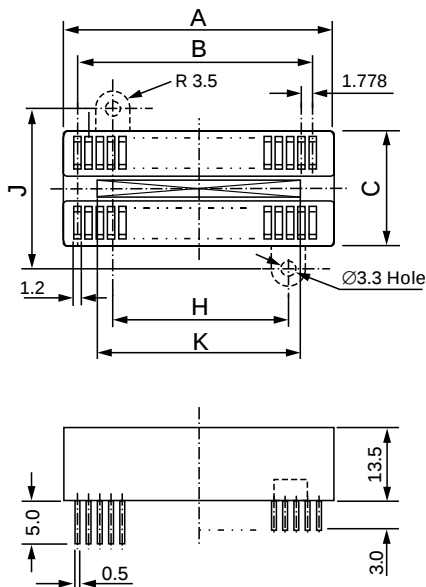
Unmarked = 3mm

MF = Flanged

Unmarked = Not Flanged

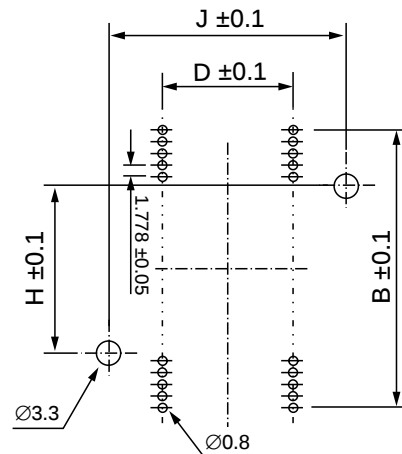
Applicable Dimensions (Reference Only)

Outline Socket Dimensions



Recommended PC Board Layout

Top View from Socket



Part Number	Pin Count	A	B	C	D	E	F	G	H	J	K
IC121-24055-G4 **	24	24.50	19.558	22.80	14.86	7.27	14.86	16.46	12.0	29.0	-
IC121-2403-G4 **	24	24.00	19.558	15.00	8.30	2.00	8.30	10.10	12.0	21.0	-
IC121-2804-G4 **	28	27.50	23.111	17.0	10.60	3.00	10.60	12.20	16.0	23.0	-
IC121-4006-G4 **	40	38.20	33.782	22.8	16.54	9.27	16.54	18.14	26.0	29.0	5.5
IC121-4206-G4 **	42	40.00	35.56	22.8	16.54	9.27	16.54	18.14	20.0	29.0	5.5
IC121-4806-G4 **	48	45.50	40.894	22.8	16.54	9.27	16.54	18.14	26.0	29.0	5.5
IC121-5206-G4 **	52	49.00	44.45	22.8	16.54	9.27	16.54	18.14	36.0	29.0	5.5
IC121-5606-G4 **	56	52.50	48.006	22.8	16.54	9.27	16.54	18.14	36.6	29.0	5.5
IC121-64075-G4 **	64	60.00	55.188	26.8	19.80	11.40	19.80	21.40	40.0	32.4	9.4
IC121-9009-G4 **	90	83.54	78.232	32.2	23.50	15.60	23.50	25.10	52.0	38.2	13.6