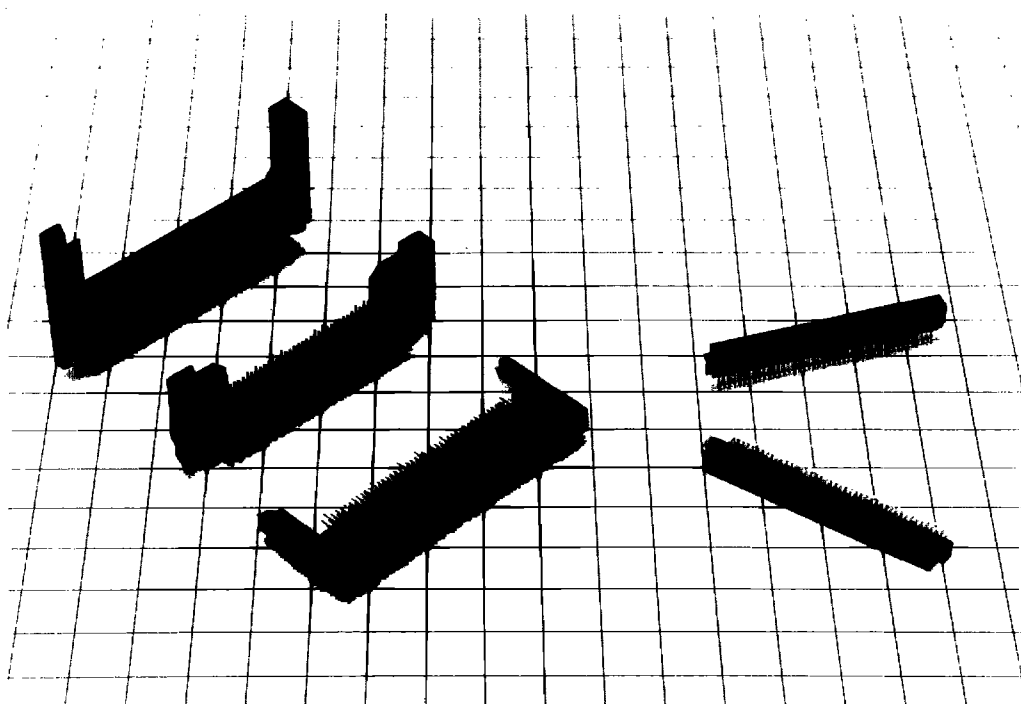


HRS IC5 SERIES

**COMPLIES WITH DRAM CARD VER. 1.0/JEIDA STANDARD
AND PCMCIA 2.0**

■ GENERAL

The IC5 Series connectors comply with DRAM card Ver. 1.0 of JEIDA Standards and PCMCIA 2.0 standards.



■ FEATURES

1. Clamp type surface mount socket connector (card side).
2. Socket connectors available in 2.75 and 2.85 mm in thickness.
3. Pin connectors available in three different thicknesses for various applications.
4. IC5A pin connectors are reverse type, designed to insert the card on the back of the board.

■ APPLICATIONS

For DRAM cards to be used as main and extension memories in personal computers, etc.

MATERIAL/FINISH

	Item	Material	Finish
Insulator	Pin connector	PBT resin (Note 1)	Black
	Socket connector	PPS resin (Note 2)	Black
Terminal	Pin connector	Brass	Part gold-plated
	Socket connector	Beryllium copper	Part gold-plated

Note 1: PBT resin = Polybutylene terephthalate resin (UL94V-0)

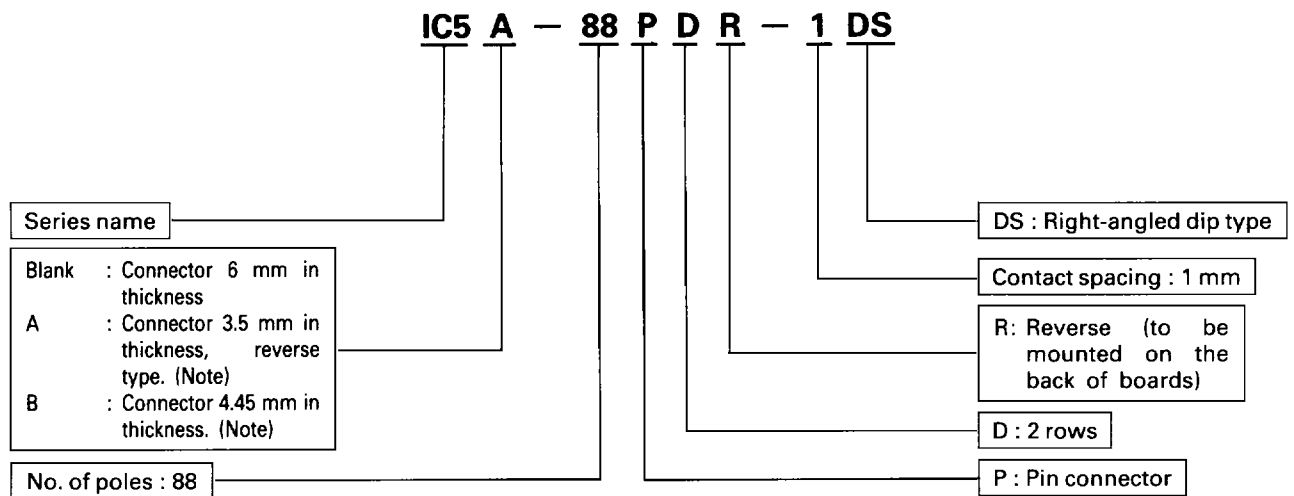
Note 2: PPS resin = Polyphenylene sulfide resin (UL94V-0)

ELECTRICAL SPECIFICATIONS

Item	Condition	Standard
Rated current	Per pin	0.5 A
Withstanding voltage	Rated voltage for 1 min.	500 VAC
Insulation resistance	At 500 VDC	1000 MΩ or more
Contact resistance	At 1 mA DC	40 mΩ or less

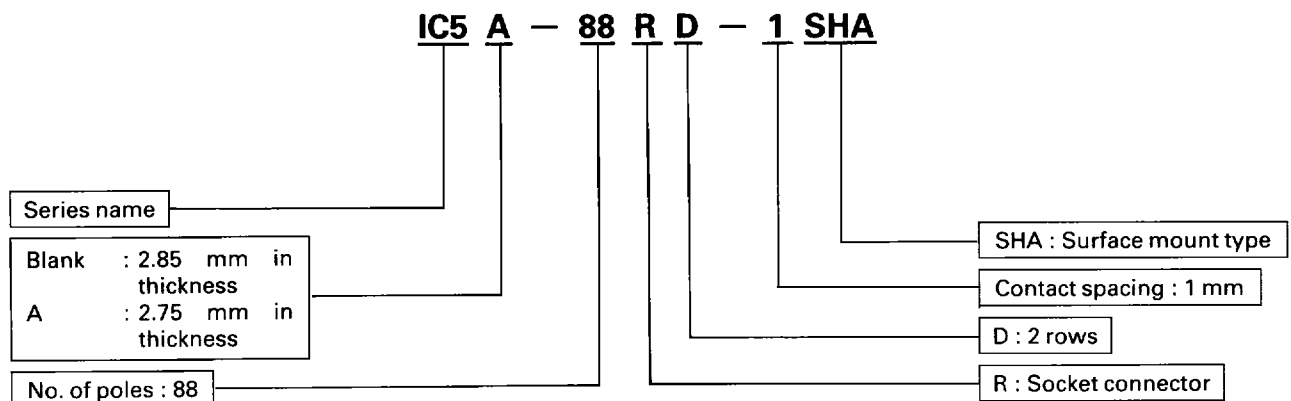
EXPLANATION OF PRODUCT NUMBERS

● Pin connector



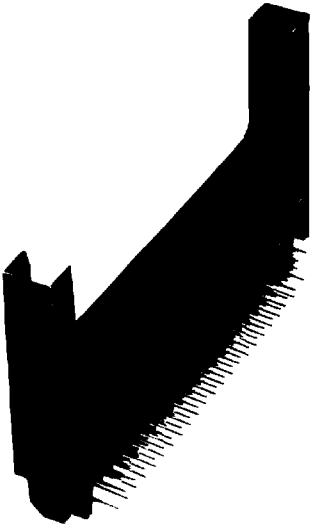
(Note) Guides are needed in addition to connectors.

● Socket connector

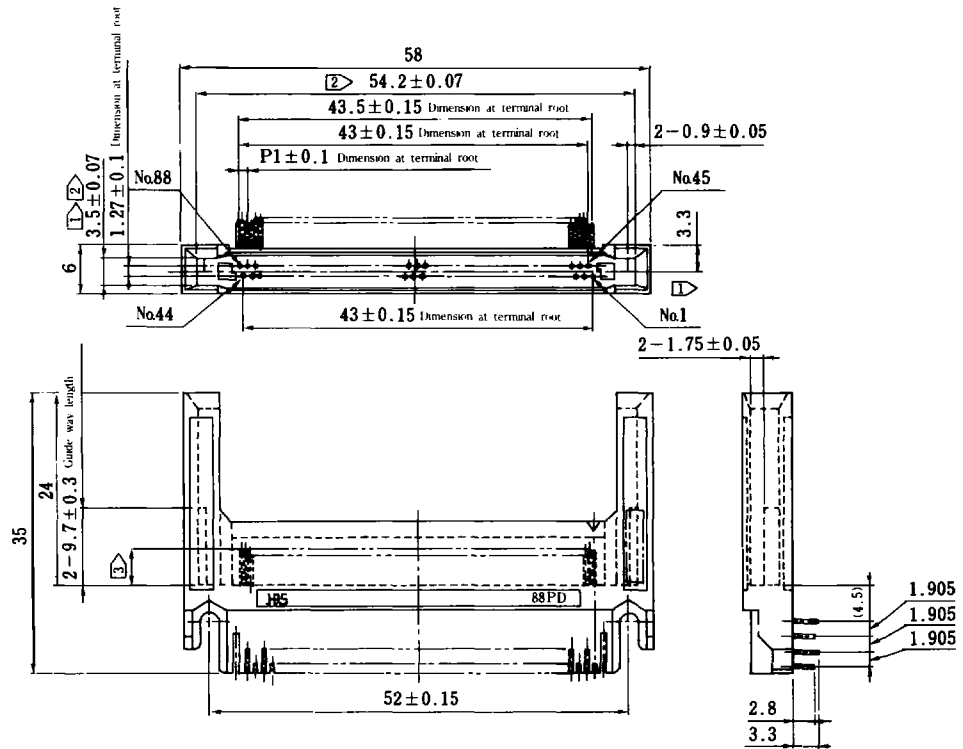


88-CONTACT PIN CONNECTORS

Connectors 6 mm in thickness



IC5-88PD-1DS
CL640-0201-0

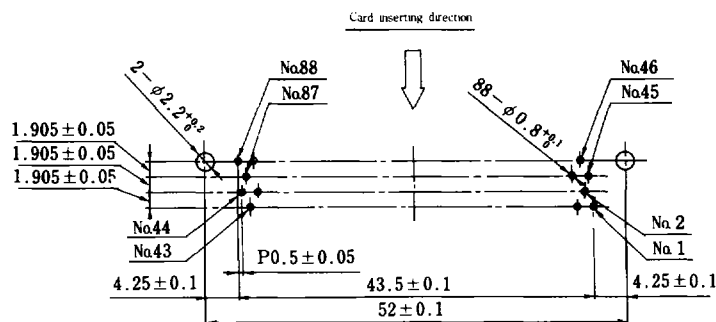


- Note
- ① ϕ shows the center line of the 3.5 ± 0.07 .
 - ② The dimensions specify the sizes of the connector at 0 to 10 mm from the bottom.
 - ③ See Table 1 for the length of terminals on the mating side.

Table 1

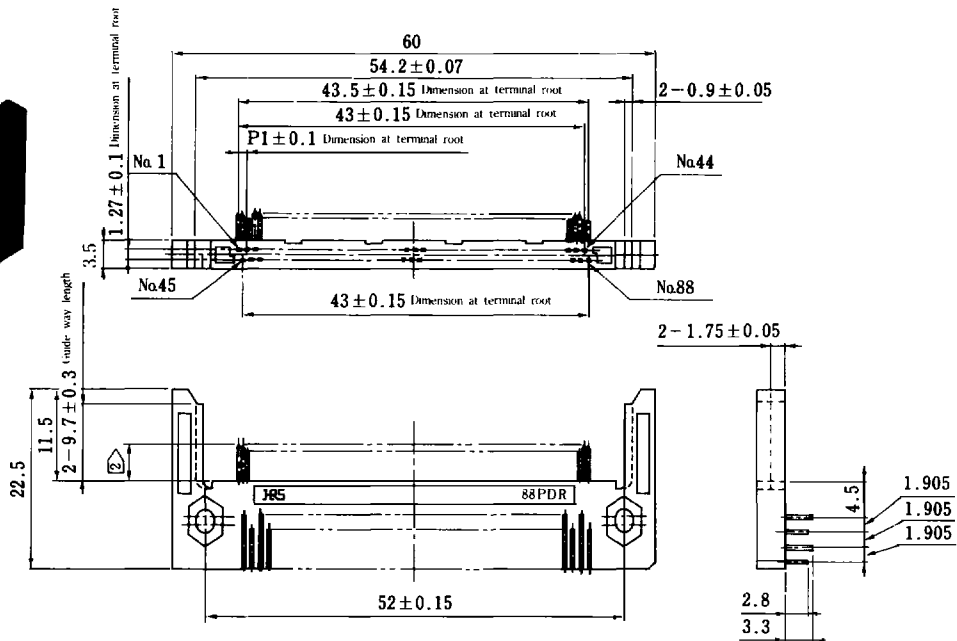
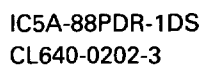
Terminal No.	Terminal length
1, 9, 11, 15 17, 25, 27, 35 37, 44, 45, 56 63, 67, 73, 88	4.6 ± 0.2
other than above	3.8 ± 0.2

PC board dimensions (part side)



5

- **Connectors 3.5 mm in thickness, reverse type**
(insert the card on the back of the board)



Note ① At least the oblique lined area must have guide ways of the specified dimensions.

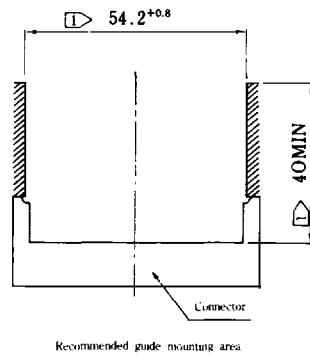
2 See Table 1 for the length of terminals on the mating side.

3 This Model is a reverse type. Use care for pin numbers.

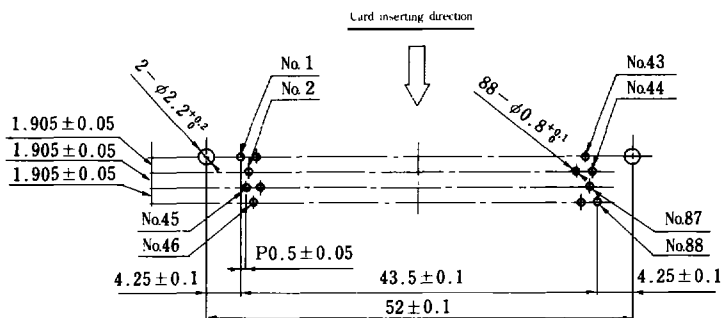
4 The gap between the board and the mounted connector must be 0.05 mm or less.

Table 1

Terminal No.	Terminal length
1, 9, 11, 15 17, 25, 27, 35 37, 44, 45, 56 63, 67, 73, 88	4.6 ± 0.2
other than above	3.8 ± 0.2

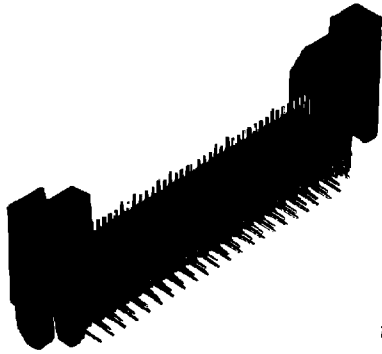


PC board dimensions (part side)

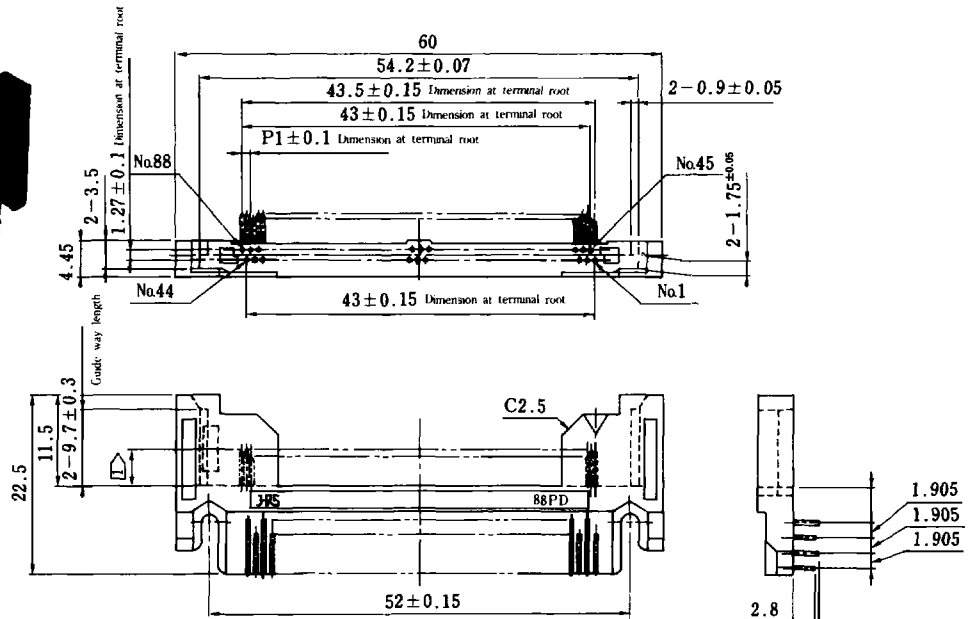


88-CONTACT PIN CONNECTORS

● Connectors 4.45 mm in thickness



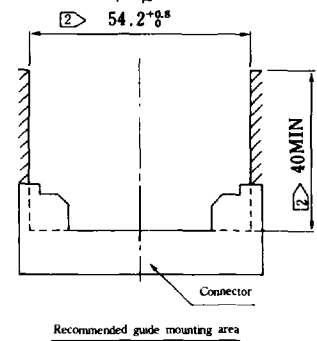
IC5B-88PD-1DS
CL640-0204-9



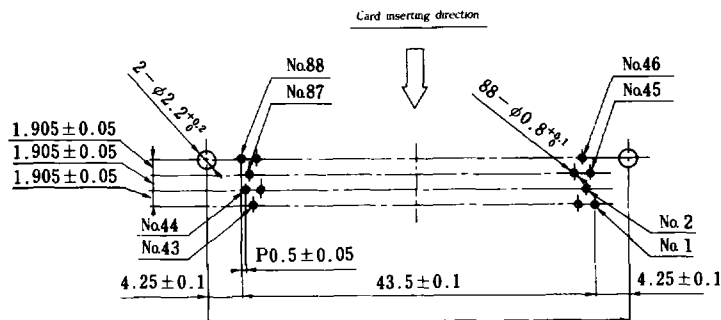
- Note ① See Table 1 for the length of terminals on the mating side.
 ② At least the oblique lined area must have guide ways of the specified dimensions.

Table 1

Terminal No.	Terminal length
1, 9, 11, 15 17, 25, 27, 35 37, 44, 45, 56 63, 67, 73, 88	4.6 ± 0.2
other than above	3.8 ± 0.2

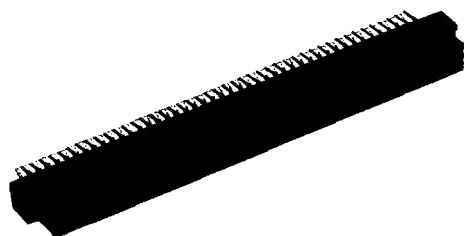


PC board dimensions (part side)

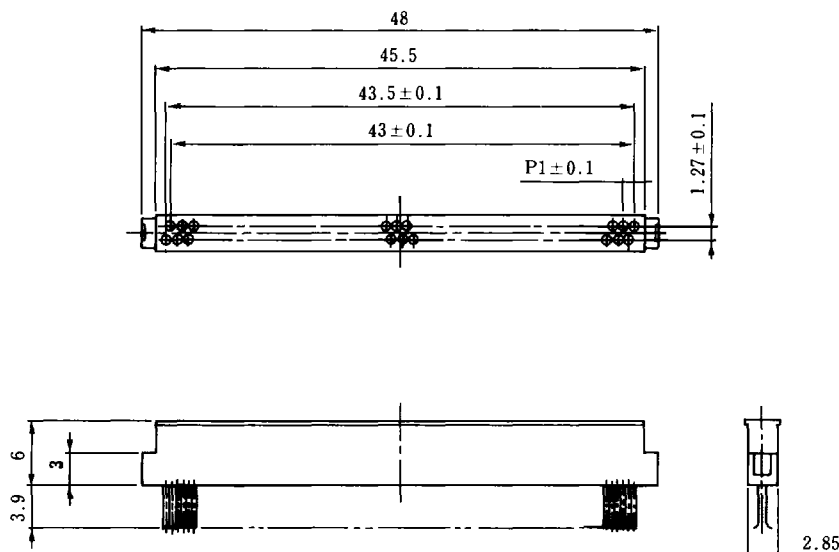


■ 88-CONTACT SOCKET CONNECTORS

● Connectors 2.85 mm in thickness

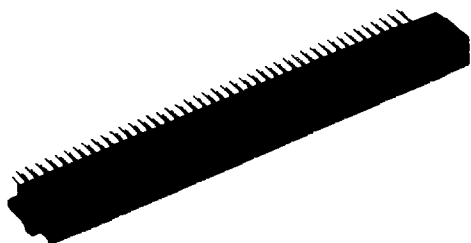


IC5-88RD-1SHA
CL640-0205-1

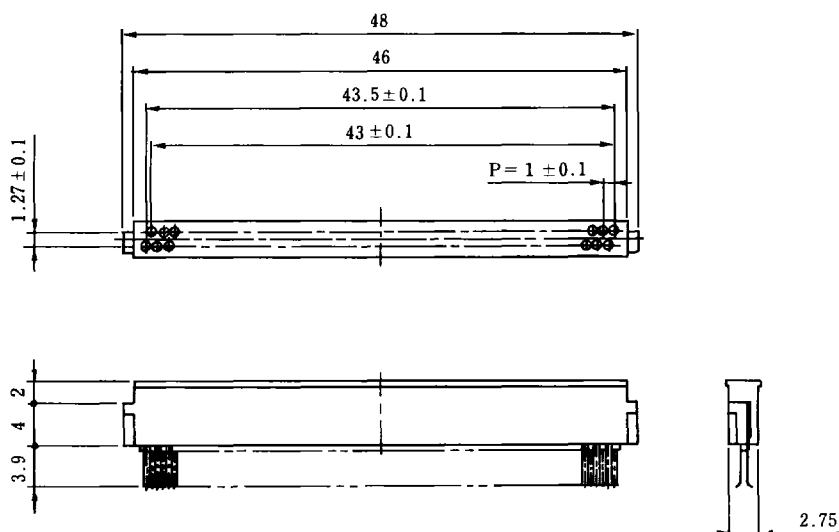


- Applicable for boards of 0.4 to 0.5 mm in thickness (for reference)

● Connectors 2.75 mm in thickness



IC5A-88RD-1SHA
CL640-0203-6



- Applicable for boards of 0.4 to 0.5 mm in thickness (for reference)