

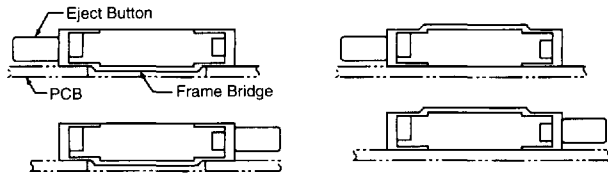
JC20 SERIES CONNECTORS

Two-Piece Connectors for IC Memory Cards

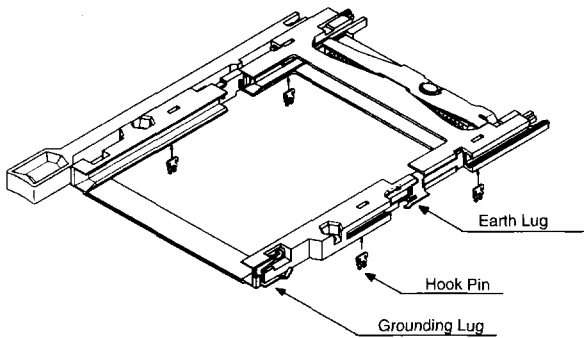
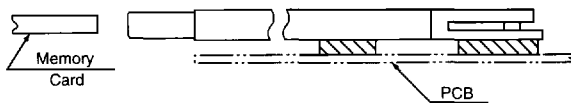
■ JC20EB • PIN CONNECTORS WITH EJECT MECHANISM FOR SYSTEM SIDE RIGHT ANGLE SURFACE MOUNT TYPE

FEATURES

- Push eject mechanism
- Standard (over-the-board mounting) type and reverse (under-the-board mounting) type are available
- Surface mount
(Consult JAE for right angle through hole type.)
- Miscellaneous
Board mounting side (over/under), eject button position (right/left), frame bridge position (over/under), positioning boss (with/without boss), option meet requirements for various system designs.



- Stand-off type is available.
Please consult JAE for details.



Mark	Hook Pin	Earth Lug	Grounding Lug
None	None	None	None
E	—	●	—
G	—	—	●
H	●	—	—
J	—	●	●
K	●	●	—
L	●	—	●
M	●	●	●

- Applicable Cards: PCMCIA/JEIDA Standards Cards
 - TYPE-I 3.3mm (.130") thick
 - TYPE-II 5mm (.197") thick
 - TYPE-III 10.5mm (.413") thick
 Note : Applicable card depends on connector type. (See page 189.)
- Length of pin contact connecting area:
Per PCMCIA/JEIDA (Ver. 4.1) Standards
 - Power pin, Ground pin Contact No. 1, 17, 34, 35, 51, 68
5.0 ± 0.1mm (.197 ± .004")
 - CD pin Contact No. 36, 67
3.5 ± 0.1mm (.138 ± .004")
 - Other signal pin Other Contact
4.25 ± 0.1mm (.167 ± .004")

MATERIALS AND FINISHES

Description	Materials/Finishes
Insulator	Glass-filled PPS (UL94V-0, Black)
Frame, Ejector	
Contact	Phosphor Bronze Connecting area: Gold 0.1μm (.000004") min. plating over Nickel Terminal area: Tin plating
Lever	Stainless steel
Hook Pin, Earth Lug	Phosphor Bronze/Tin plating
Grounding Lug	Phosphor Bronze/Partially Gold plating over Nickel

ORDERING INFORMATION

JC20EB - J 68 P L - V4 HF 1 - L * 1

Series	JC20EB
Type	J
No. of Contacts	68
Contact Type	P - Pin
Eject Button Position	L - Left
Specification	V4 - Per JEIDA standard Ver 4.1
PCB mounting Side	HF - Over-the-board
	HR - Under-the-board
Positioning Boss	1 - With boss Blank - No boss
Frame Bridge Position	L - PCB side U - Opposite side to PCB
Option Mark (See table left)	*
Specification of Contact Plating	1 - Gold 0.1μm (.000004") min. over Nickel

Dimensions in mm (inches).

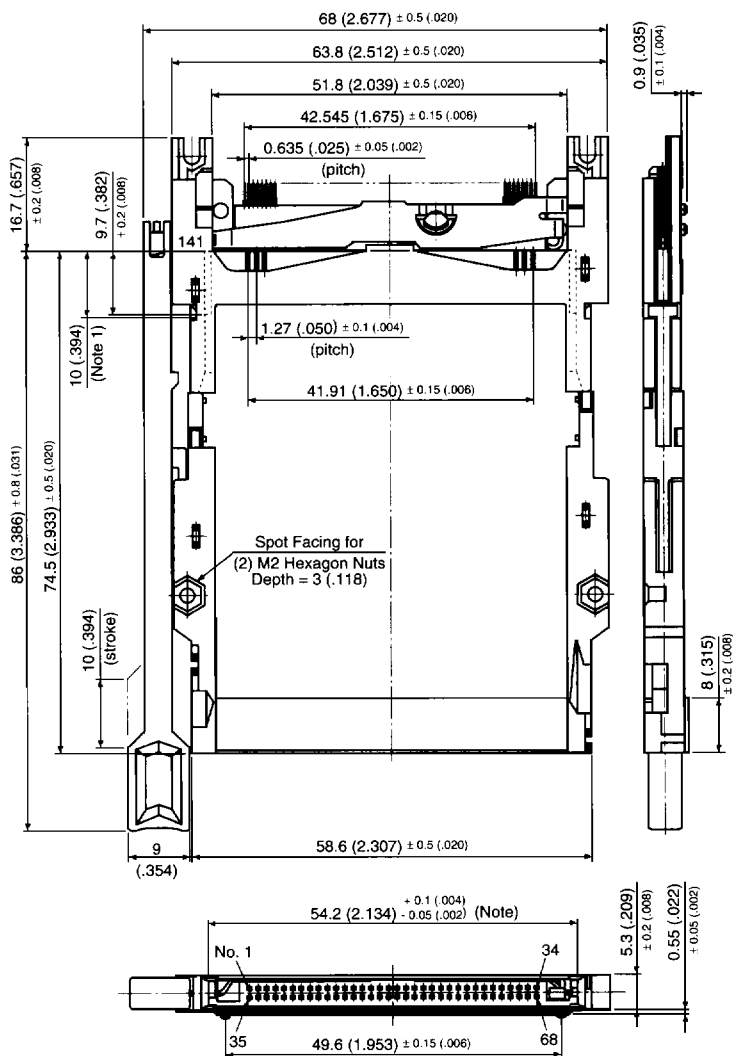


JC20 SERIES CONNECTORS

Two-Piece Connectors for IC Memory Cards

JC20EB • PIN CONNECTORS WITH EJECT MECHANISM FOR SYSTEM SIDE RIGHT ANGLE • SURFACE MOUNT TYPE • STANDARD TYPE (OVER-THE-BOARD MOUNTING)

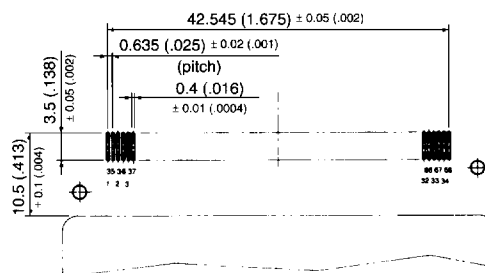
Note: The drawing below shows JC20EB-J68PL-V4HF1-L1.



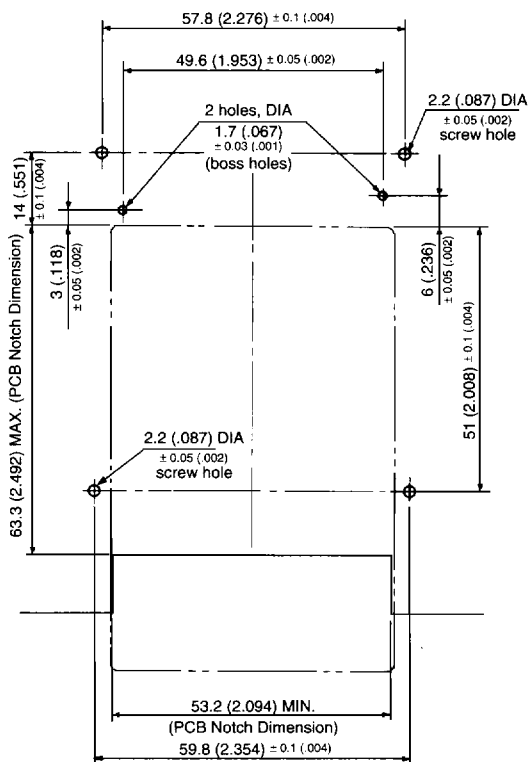
Note: 54.2 (2.134) shows the dimension up to 10mm (.394") from mating face.

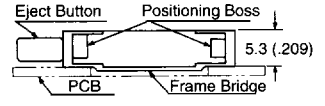
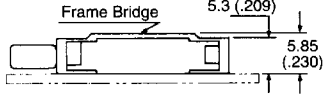

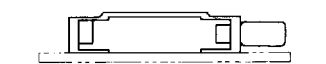
PCB Hole Pattern (Ref.)

Applicable PCB thickness: min. 0.8mm (.031"). When mounting PCB-side-frame-bridge type on both sides of PCB, min. 1.2mm (.047")



Note: The drawing below shows JC20EB-J68PL-V4HF1-L1. Please consult JAE for details of optional parts holes and pads.



Part Number	Outer View from Card Insertion Side	Applicable Cards	Part Number	Outer View from Card Insertion Side	Applicable Cards
JC20EB-J68PL-V4HF*-L*1 (Note 1) (Note 2)		TYPE-I TYPE-II TYPE-III	JC20EB-J68PL-V4HF*-U*1		TYPE-I TYPE-II
JC20EB-J68PR-V4HF*-L*1		TYPE-I TYPE-II TYPE-III	JC20EB-J68PR-V4HF*-U*1		TYPE-I TYPE-II

Note 1: Positioning Boss—With Boss: 1, Without Boss: No Mark

Note 2: Option Mark (See page 201.)

† Please consult JAE for reverse type. (JC20EB-J68PL-V4HR*-□*1/JC20EB-J68PR-V4HR*-□*1)

Dimensions in mm (inches).



Hong Kong
Tel: 2723-7782
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Japan
03-3780-2715
03-3780-2883

Korea
2-551-8959
2-551-8958

Philippines
46-433-0276
46-433-0287

Singapore
748-1332
748-2920

Taiwan
02-555-9711
02-556-5424

Europe
1276-21717
1276-66165

United States
949-753-2600
949-753-2699

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Two-Piece Connectors for IC Memory Cards

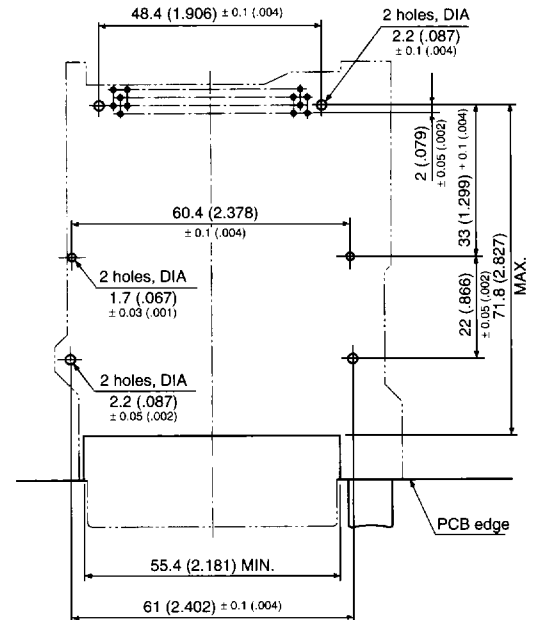
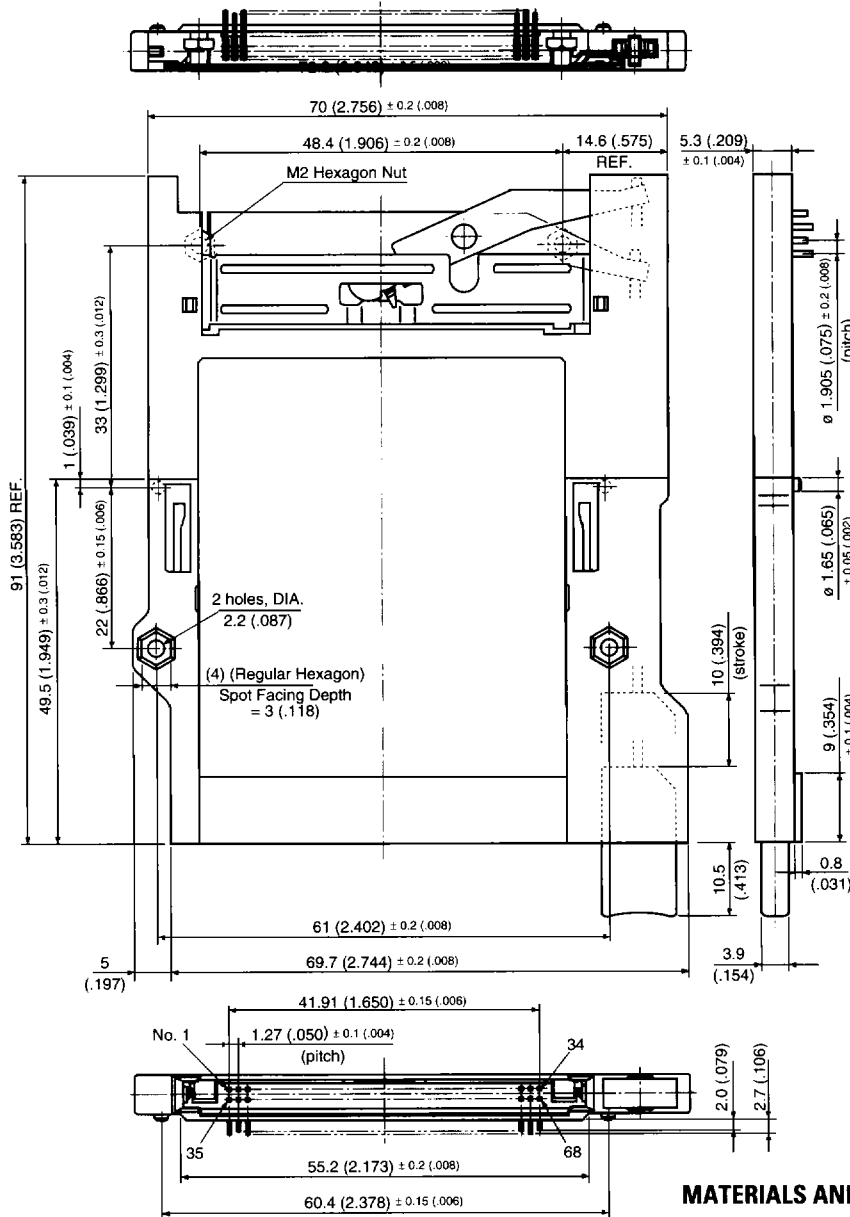
JC20EA • PIN CONNECTORS WITH EJECT MECHANISM FOR SYSTEM SIDE

RIGHT ANGLE THROUGH HOLE TYPE

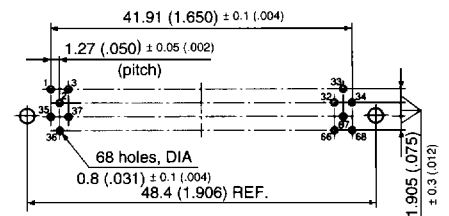
Applicable Cards: TYPE-I/TYPE-II

Part Number: JC20EA-J68P-V4KL3-A1

PCB Hole Pattern (Ref.)
applicable PCB thickness: 1.6mm (.063")



PCB Through Hole Location (Ref.)



Length of pin contact connecting area

No. 1, 17, 34, 35, 51 68, contacts	5 (.197)
No. 36, 67 contacts	3.5 (.138)
Other contacts	4.25 (.167)

MATERIALS AND FINISHES

Description	Materials/Finishes
Insulator, Frame, Ejector	Glass-filled PPS (UL94V-0, Black)
Contact	Phosphor Bronze Connecting area: Gold plating 0.1µm (.000004") min. over Nickel Terminal area: Tin plating
Plate, Lever, Bar, Spring	Stainless steel
Hexagon Low Nut	Steel/Nickel plating

Dimensions in mm (inches).

Hong Kong Tel: 2723-7782 Fax: 2723-9028	Japan 03-3780-2715 03-3780-2883	Korea 2-551-8959 2-551-8958	Philippines 46-433-0276 46-433-0287	Singapore 748-1332 748-2920	Taiwan 02-555-9711 02-556-5424	Europe 1276-21717 1276-66165	United States 949-753-2600 949-753-2699
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