

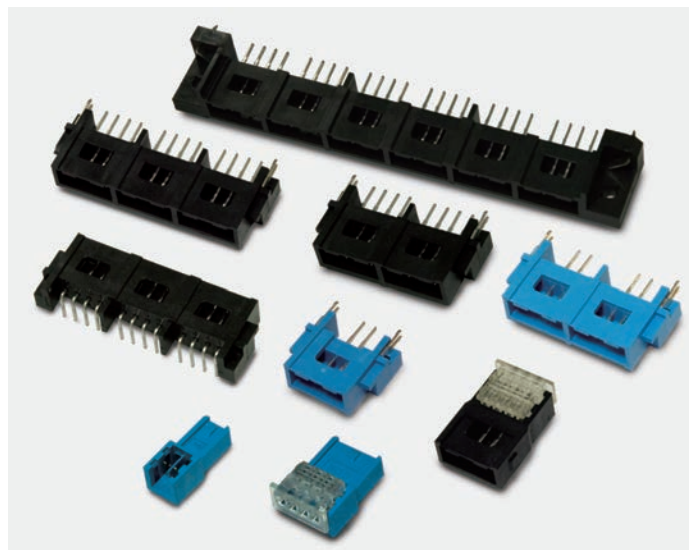
2.54mm Pitch Inline Two-Piece Connector

232D Series



FEATURE

- 232D series is a 2.54mm pitch connector and designed for connection of main unit and main line in PBX.
- Compact, light-weight and variety of connector styles. It can be applicable to other electrical devices.



SPECIFICATIONS

Rated Voltage	250V AC (r.m.s.)
Rated Current	2A / Contact
Dielectric Withstanding Voltage	750V AC (r.m.s.) / 1 minute
Insulation Resistance	100M Ω min. at 500V DC
Contact Resistance	30m Ω max.
Applicable Cable	Single Conductor : Conductor Dia. ϕ 0.4mm, O.D. ϕ 0.66mm Conductor Dia. ϕ 0.5mm, O.D. ϕ 0.8mm Conductor Dia. ϕ 0.65mm, O.D. ϕ 1.05mm Conductor Dia. ϕ 0.404mm, O.D. ϕ 0.91mm (AWG#26) Stranded : AWG#26(7/0.16) O.D. ϕ 1.0mm, Stranding Pitch 15.2 max. AWG#24(7/0.203)O.D. ϕ 1.1mm, Stranding Pitch 17.8 max.

*O.D.= Outer Diameter

MATWRIAL / FINISH



Item	Material / Finish
Block	Polyamide Resin / Color : Refer to detail
Contact	Copper Alloy / Sn-Ag Plating
Cover	Polycarbonate Resin / Clear Blue
Board Lock	Copper Alloy / Sn-Ag Plating

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▶ IDC Socket

232D-02S1B-DA5-FA

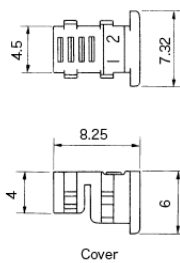
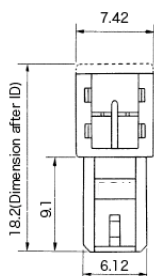
Size : 2×1, Number of Contact : 2

Number of Contact

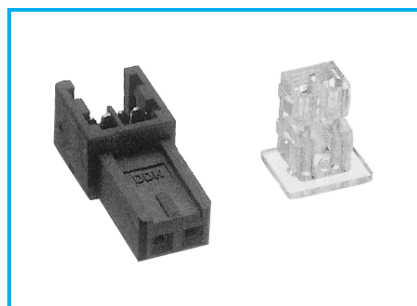
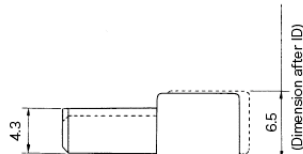
Block Color
A : Black
B : Light Blue

FA : Lead Free

Contact Plating
5 : Sn-Ag Plating

Cover Style
A : Cover temporary Fasten
B : Cover Attached


Cover



*ID= Insulation Displacement

232D-04S1B-DA5D1(02)-FA

Size : 4×1, Number of Contact : 2, 4

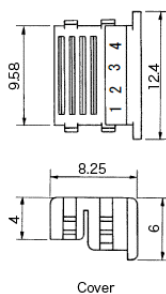
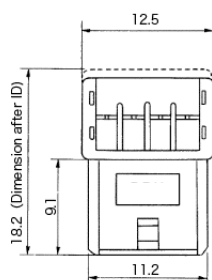
Number of Contact

Block Color
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B : Light Blue

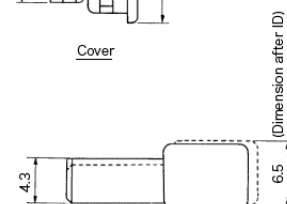
Cover Style
A : Cover temporary Fasten
B : Cover Attached

Contact Plating
5 : Sn-Ag Plating

FA : Lead Free

Deviation
No Digit : 4 Contacts
D1(02) : 2 Contacts
Empty Contact No.1, 4


Cover



*ID= Insulation Displacement

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▶ IDC Socket

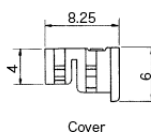
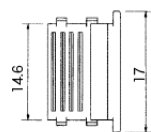
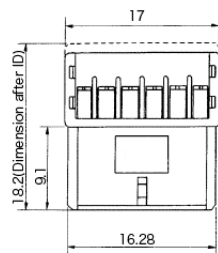
232D-06S1A-DA5-FA

Size : 6×1, Number of Contact : 6

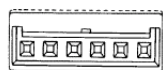
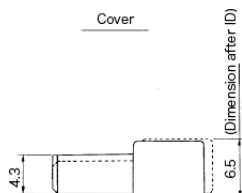
Number of Contact

Block Color
A : Black

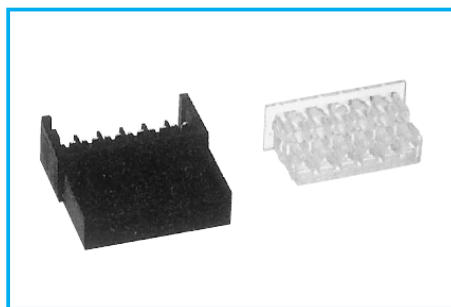
FA : Lead Free

Contact Plating
5 : Sn-Ag PlatingCover Style
A : Cover temporary Fasten
B : Cover Attached

Cover



*ID= Insulation Displacement



▶ IDC Pin Header

232D-04P1A-DA5N-FA Size : 4x1, Number of contact : 4

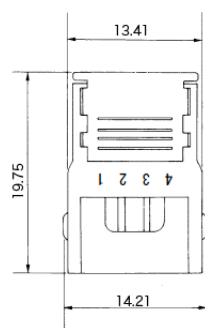
Number of Contact

Block Color
A : Black

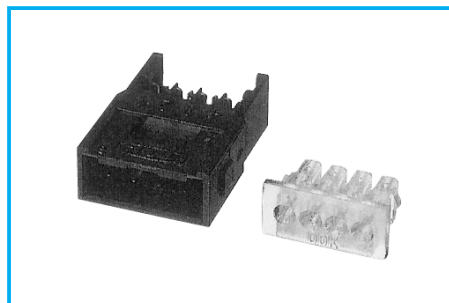
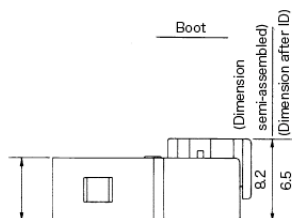
Cover Style
A : Cover Assembled

FA : Lead Free

Contact Plating
5 : Sn-Ag Plating

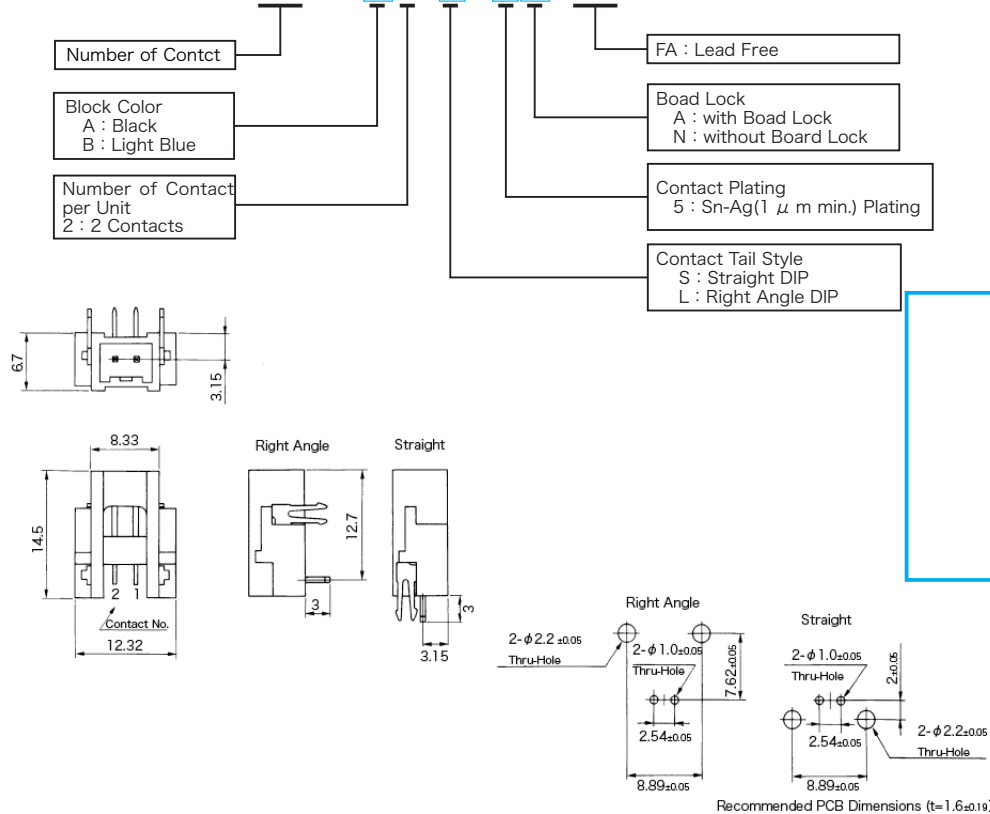


*ID= Insulation Displacement

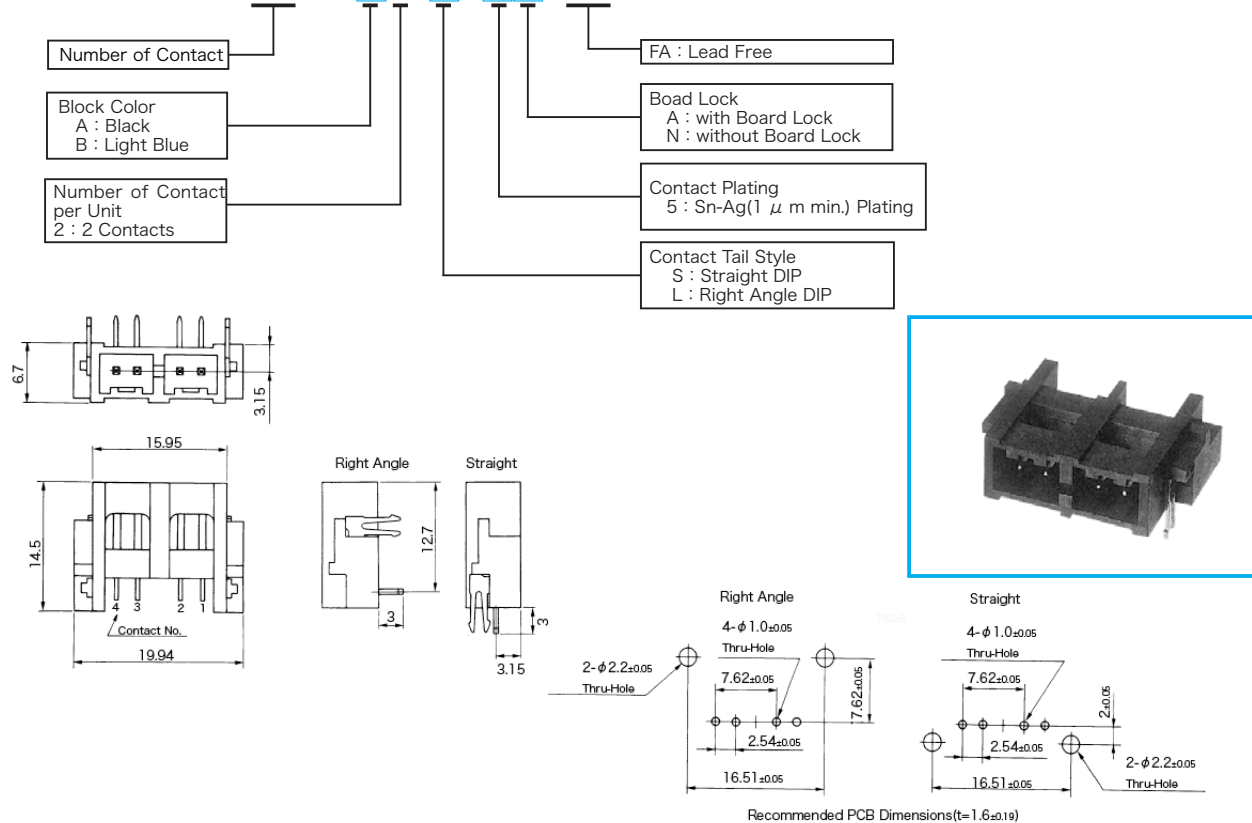


▶ Pin Header

232D-02P1A2-L15A-FA Size : 2x1, Number of Contact : 2

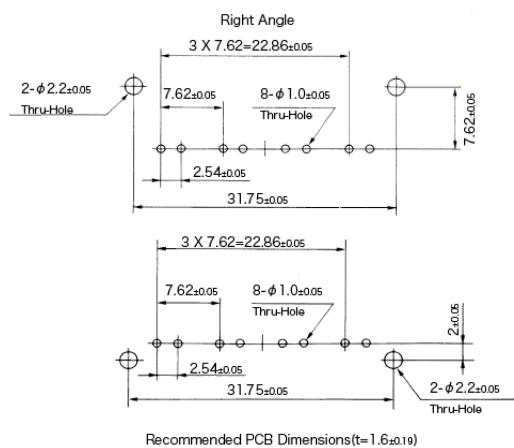
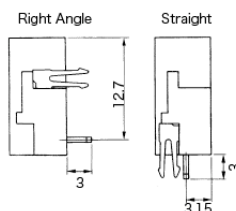
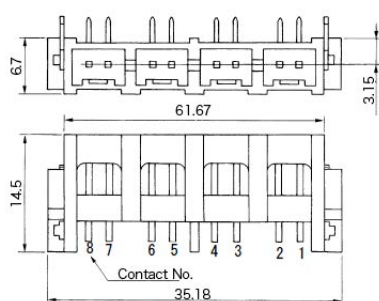
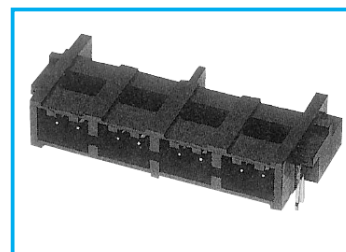
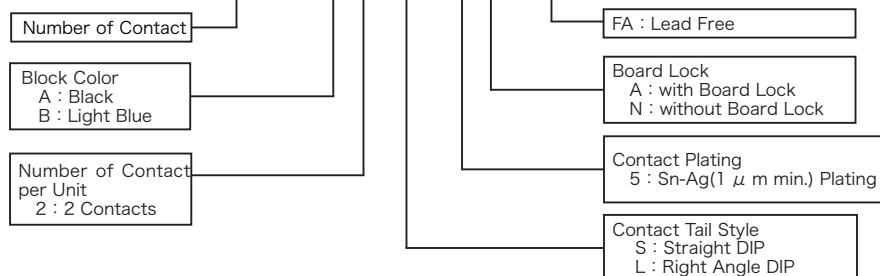


232D-04P1A2-L15A-FA Size : 2x2, Number of Contact : 4

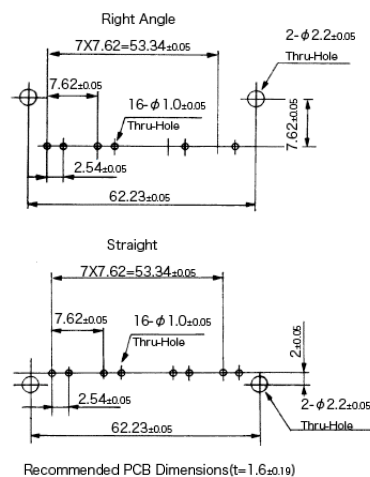
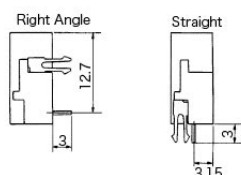
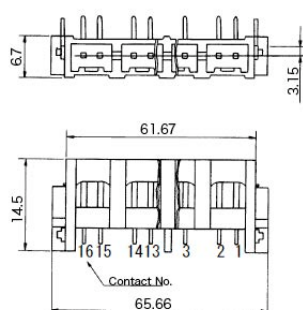
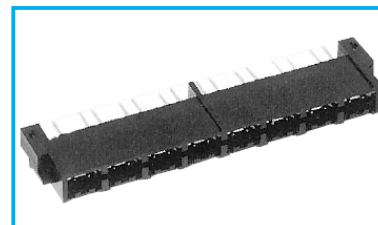
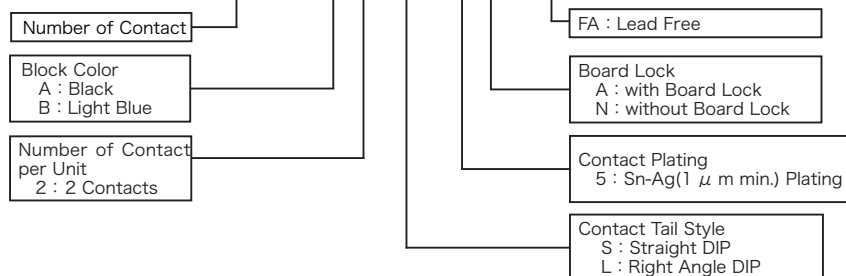


▶ Pin Header

232D-08P1A2-L15A-FA Size : 2×4, Number of Contact : 8



232D-16P1A2-L15A-FA Size : 2×8, Number of Contact : 16



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Pin Header

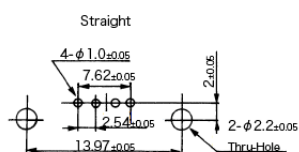
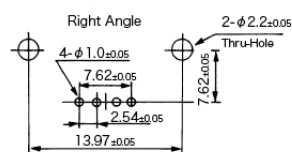
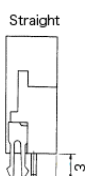
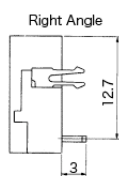
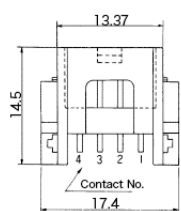
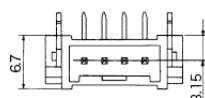
232D-04P1B-S15AD1(02)-FA

Size : 4x1, Number of Contact : 2, 4

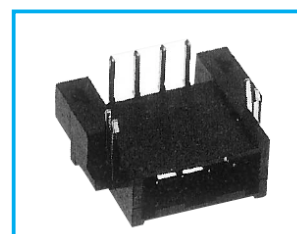
Number of Contact

Block Color
B : Light BlueContact Tail Style
S : Straight DIP
L : Right Angle DIP

FA : Lead Free

Deviation
No Digit : 4 Contacts
D1(02) : 2 Contacts
Empty Contact No.1, 4Board Lock
A : with Board Lock
N : without Board LockContact Plating
5 : Sn-Ag Plating

Recommended PCB Dimensions(t=1.6±0.19)



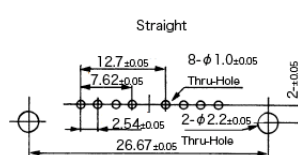
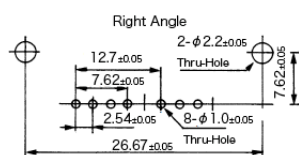
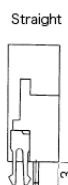
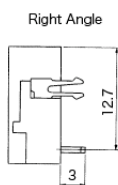
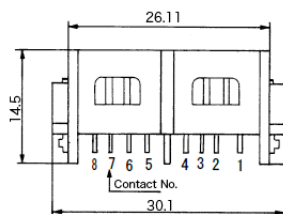
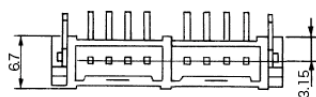
232D-08P1A-S15AD1(04)-FA

Size : 4x2, Number of Contact : 4, 8

Number of Contact

Block Color
A : Black
B : Light BlueContact Tail Style
S : Straight DIP
L : Right Angle DIP

FA : Lead Free

Deviation
No Digit : 8 Contacts
D1(04) : 4 Contacts
Empty Contact No.1, 4, 5, 8Board Lock
A : with Board Lock
N : without Board LockContact Plating
5 : Sn-Ag Plating

Recommended PCB Dimensions(t=1.6±0.19)



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Pin Header

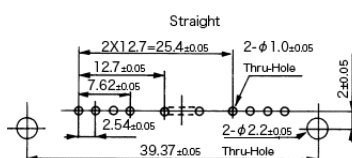
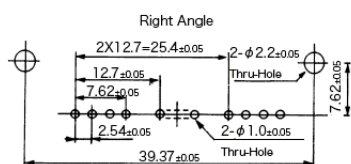
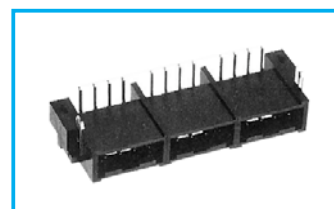
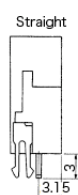
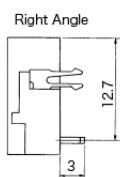
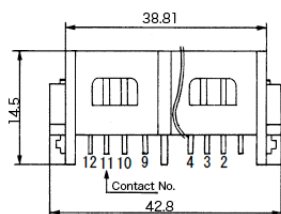
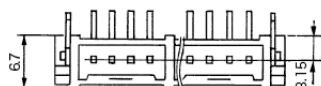
232D-12P1A-S15AD1(06)-FA

Size : 4×3, Number of Contact : 6, 12

Number of Contact

Block
A : Black
B : Light BlueContact Tail Style
S : Straight DIP
L : Right Angle DIP

FA : Lead Free

Deviation
No Digit : 12 Contacts
D1(06) : 6 Contacts
Empty Contact No.1, 4, 5, 8, 9, 12Board Lock
A : with Board Lock
N : without Board LockContact Plating
5 : Sn-Ag Plating

Recommended PCB Dimensions(t=1.6±0.19)

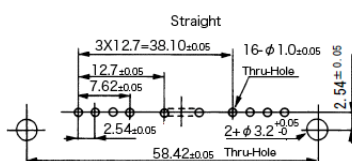
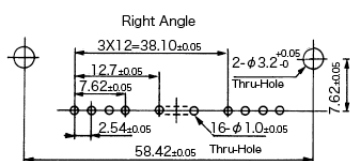
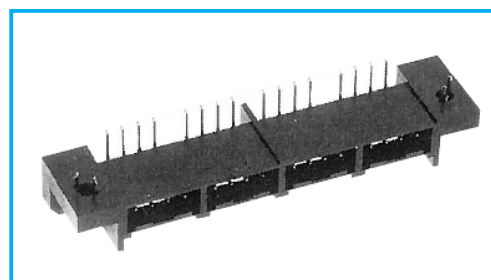
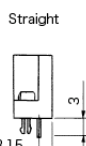
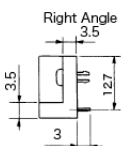
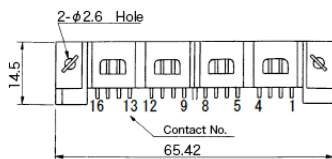
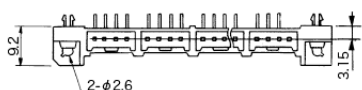
232D-16P1A-S15AD1(08)-FA

Size : 4×2, Number of Contact : 8, 16

Number of Contact

Block Color
A : Black
B : Light BlueContact Tail Style
S : Straight DIP
L : Right Angle DIP

FA : Lead Free

Deviation
No Digit : 16 Contacts
D1(08) : 8 Contacts
Empty Contact No.1, 4, 5, 8, 9, 12, 13, 16Board Lock
A : with Board Lock
N : without Board LockContact Plating
5 : Sn-Ag Plating

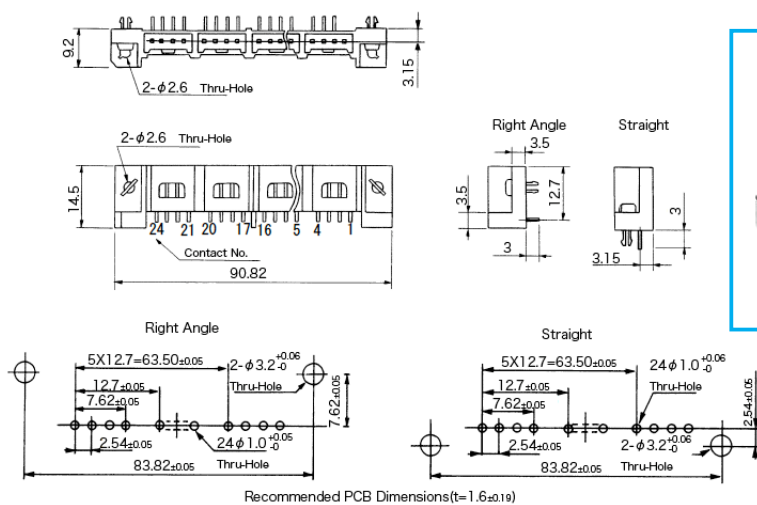
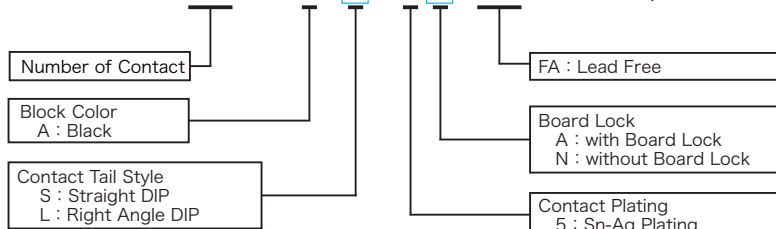
Recommended PCB Dimensions(t=1.6±0.19)

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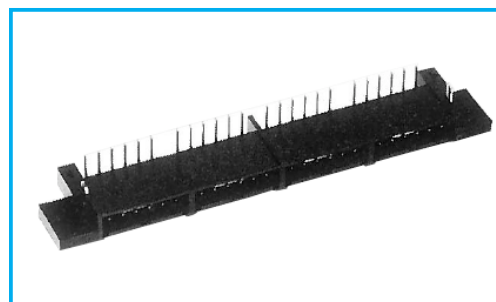
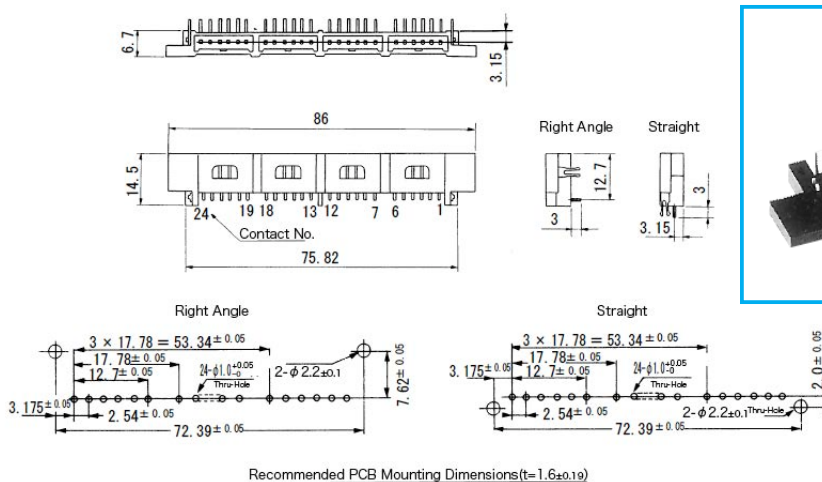
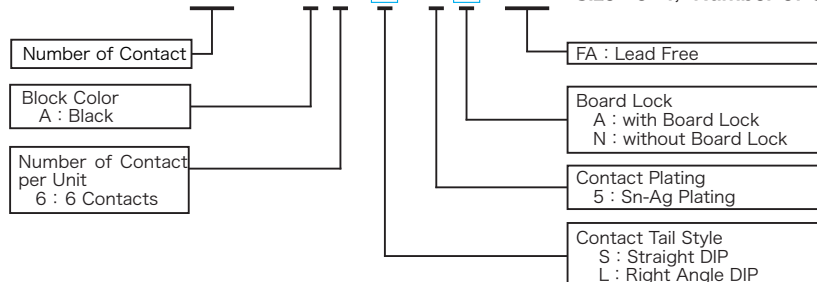
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Pin Header

232D-24P1A-S15A-FA Size : 4x6, Number of Contact : 24



232D-24P1A6-L15A-FA Size : 6x4, Number of Contact : 24



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▶ Pin Header

232D-32P1A-L15AD1(16)-FA Size : 4x8, Number of Contact : 16, 32

Number of Contact	FA : Lead Free
Block Color A : Black B : Light Blue	Deviation No Digit : 32 Contacts D1(16) : 16 Contacts Empty Contact No.1, 4, 5, 8, 9, 12, 13, 16, 17, 20, 21, 24, 25, 28, 29, 32
Contact Tail Style S : Straight DIP L : Right Angle DIP	Board Lock A : with Board Lock N : without Board Lock
Contact Plating 5 : Sn-Ag Plating	

