

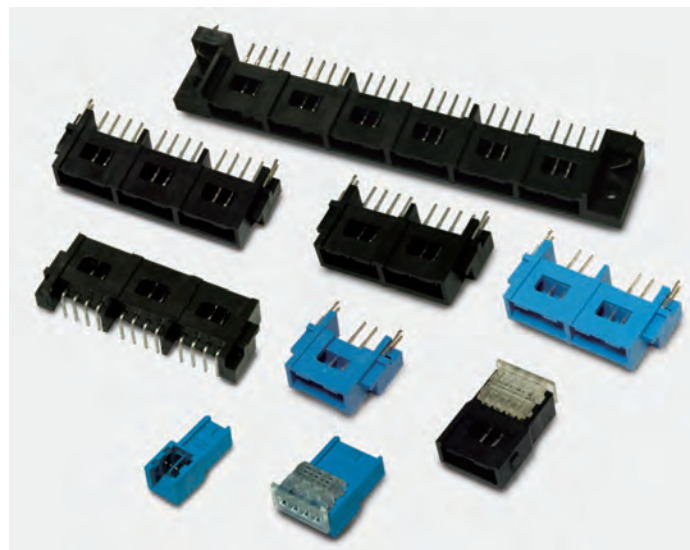
2.54mm Pitch Inline Two-Piece Connector

232D Series

DDK Ltd.

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	<p>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)</p> <p>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.</p>

*O.D.= Outer Diameter

MATERIAL / FINISH

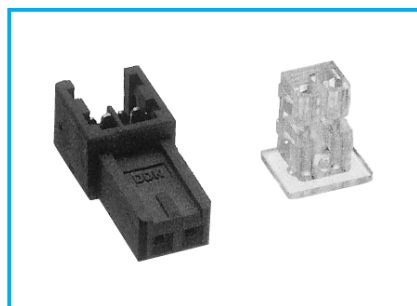
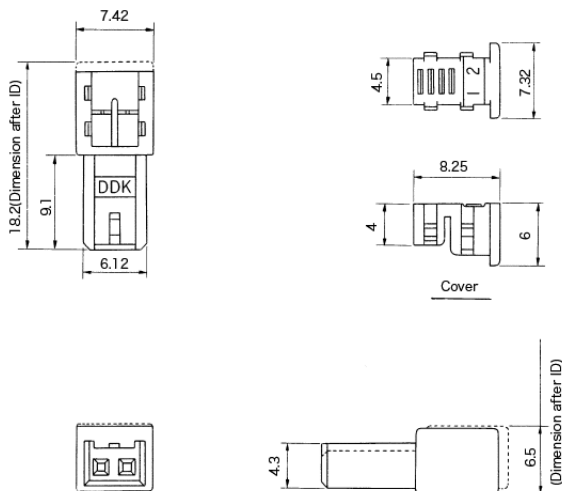
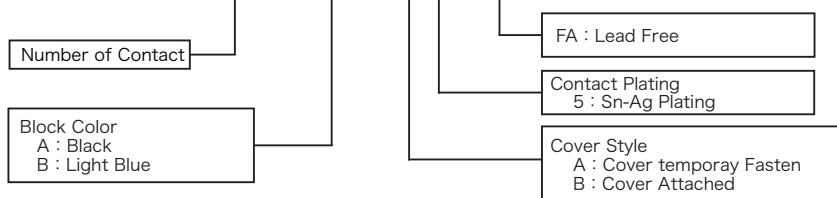


Item	Material / Finish
Block	Polyamide Resin / Color : Refer to detail
Contact	Copper Alloy / Sn-Ag Plating
Cover	Polycarbonate Resin / Clear Blue
Board Lock	Copper Alloy / Sn-Ag Plating

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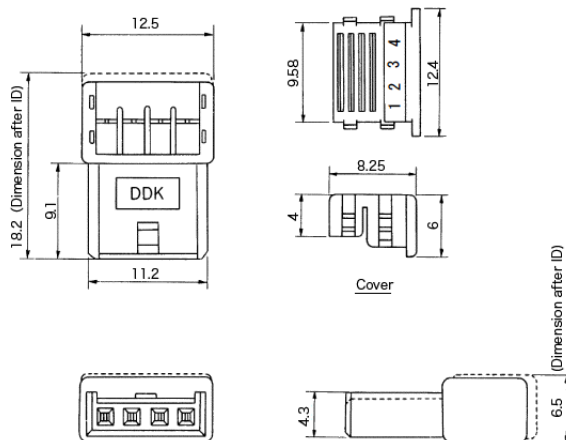
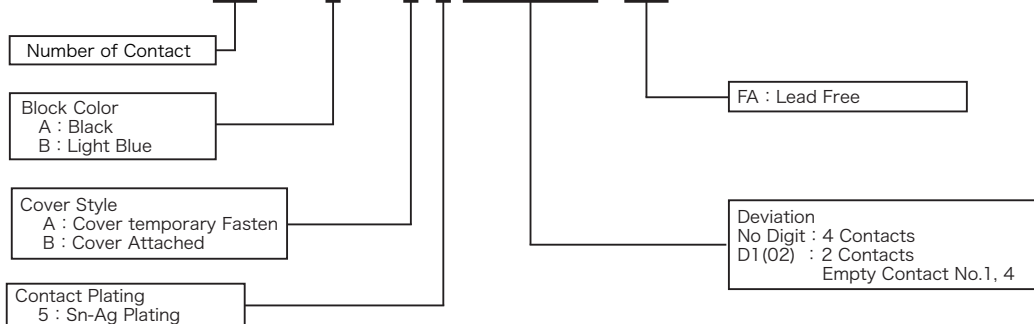
▶ IDC Socket

232D-02S1B-DA5-FA Size : 2x1, Number of Contact : 2



*ID= Insulation Displacement

232D-04S1B-DA5D1(02)-FA Size : 4x1, Number of Contact : 2, 4



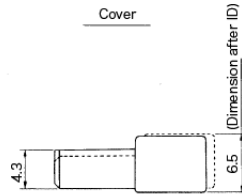
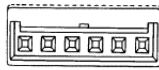
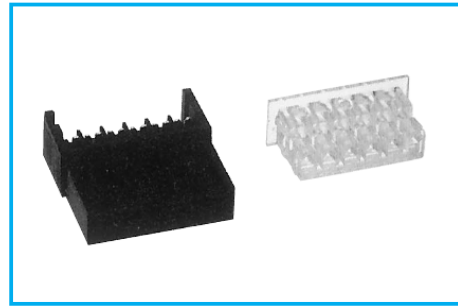
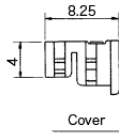
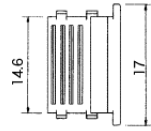
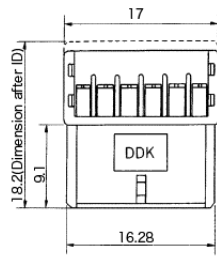
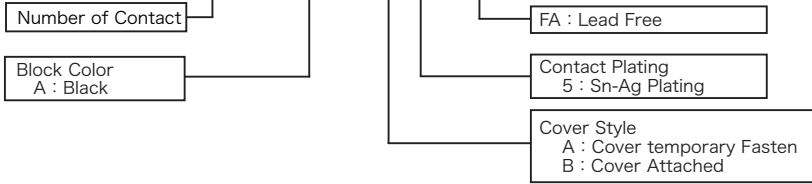
*ID= Insulation Displacement

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▶ IDC Socket

232D-06S1A-DA5-FA

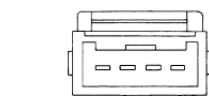
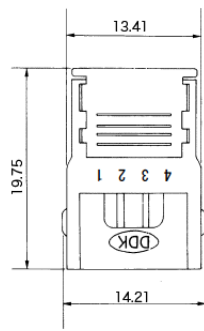
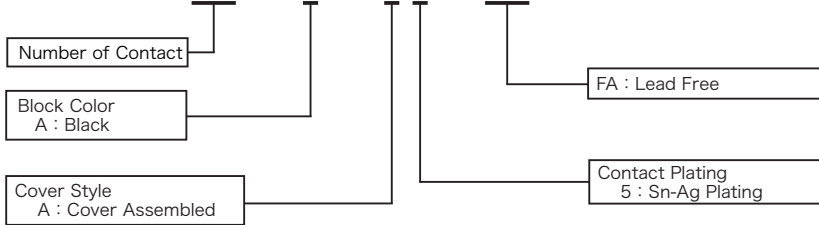
Size : 6×1, Number of Contact : 6



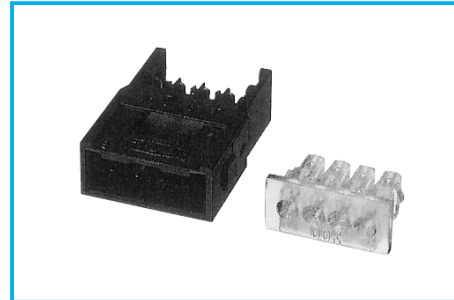
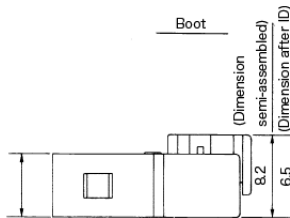
*ID= Insulation Displacement

▶ IDC Pin Header

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

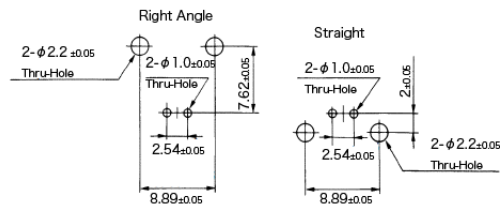
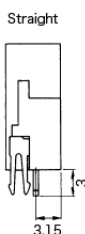
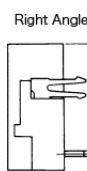
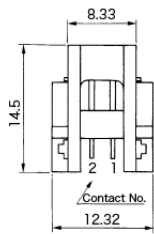
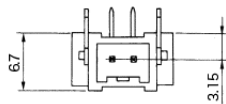
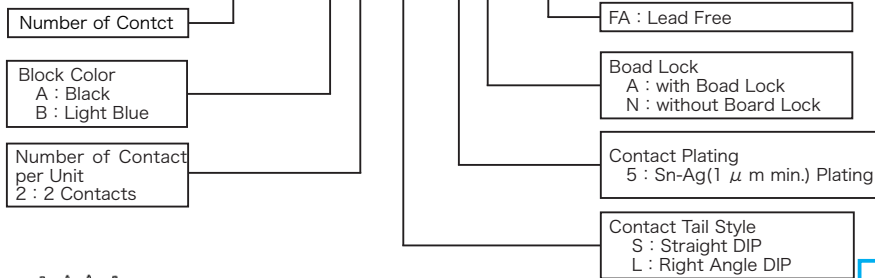


*ID= Insulation Displacement

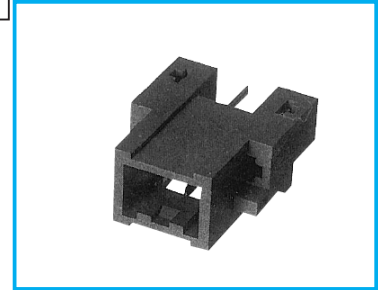


▶ Pin Header

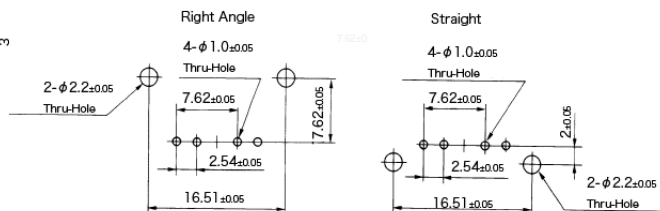
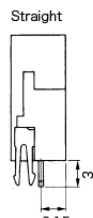
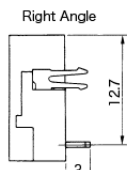
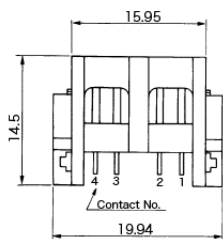
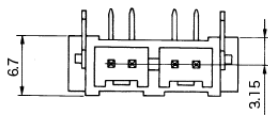
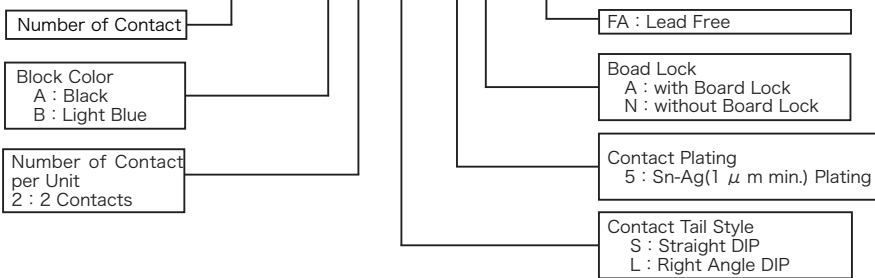
232D-02P1A2-L15A-FA Size : 2x1, Number of Contact : 2



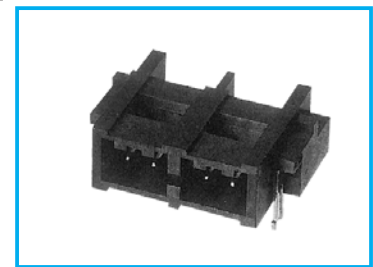
Recommended PCB Dimensions (t=1.6±0.19)



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



Recommended PCB Dimensions (t=1.6±0.19)

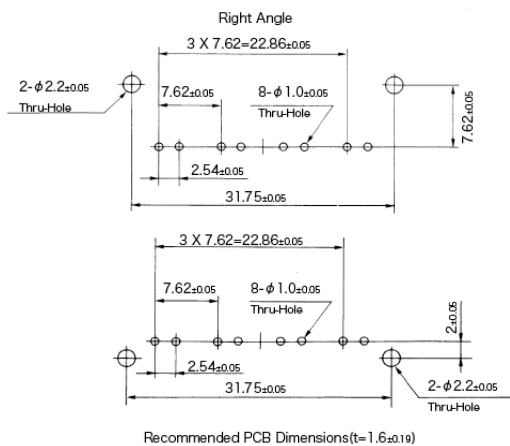
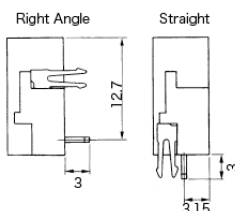
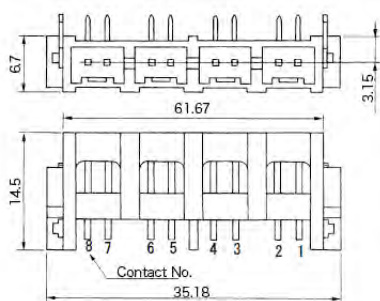
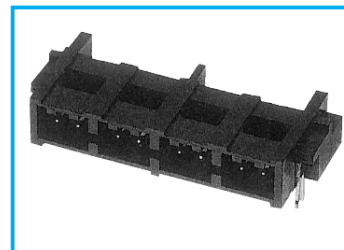


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▶ Pin Header

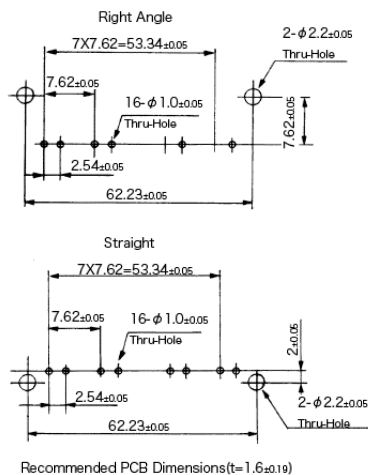
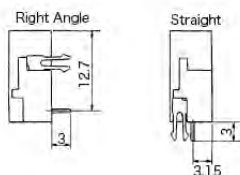
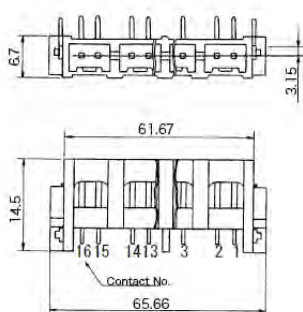
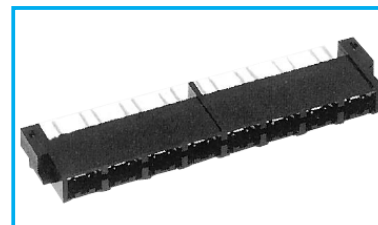
232D-08P1A2-L15A-FA Size : 2x4, Number of Contact : 8

- Number of Contact
- Block Color
A : Black
B : Light Blue
- Number of Contact per Unit
2 : 2 Contacts
- FA : Lead Free
- Board Lock
A : with Board Lock
N : without Board Lock
- Contact Plating
5 : Sn-Ag(1 μ m min.) Plating
- Contact Tail Style
S : Straight DIP
L : Right Angle DIP



232D-16P1A2-L15A-FA Size : 2x8, Number of Contact : 16

- Number of Contact
- Block Color
A : Black
B : Light Blue
- Number of Contact per Unit
2 : 2 Contacts
- FA : Lead Free
- Board Lock
A : with Board Lock
N : without Board Lock
- Contact Plating
5 : Sn-Ag(1 μ m min.) Plating
- Contact Tail Style
S : Straight DIP
L : Right Angle DIP



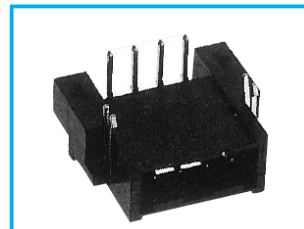
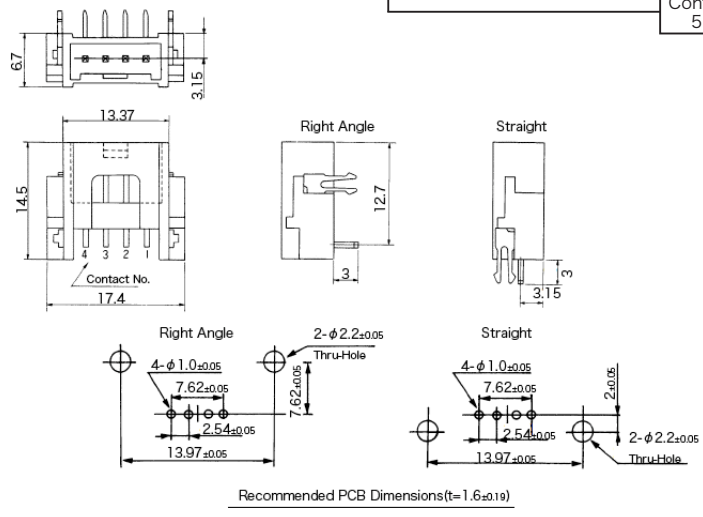
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▶ Pin Header

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

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

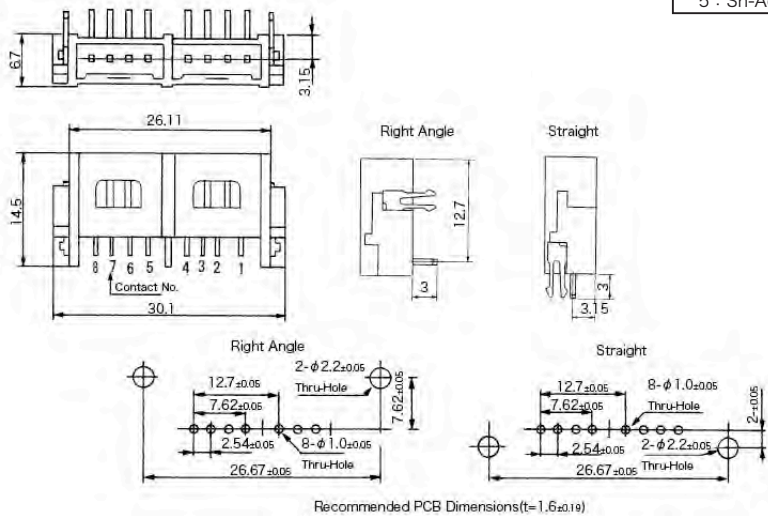
- Number of Contact
- Block Color
B : Light Blue
- Contact Tail Style
S : Straight DIP
L : Right Angle DIP
- FA : Lead Free
- Deviation
No Digit : 4 Contacts
D1 (02) : 2 Contacts
Empty Contact No.1, 4
- Board Lock
A : with Board Lock
N : without Board Lock
- Contact Plating
5 : Sn-Ag Plating



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

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

- Number of Contact
- Block Color
A : Black
B : Light Blue
- Contact 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, 8
- Board Lock
A : with Board Lock
N : without Board Lock
- Contact Plating
5 : Sn-Ag Plating



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▶ Pin Header

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

Size : 4x3, Number of Contact : 6, 12

Number of Contact

Block
A : Black
B : Light Blue

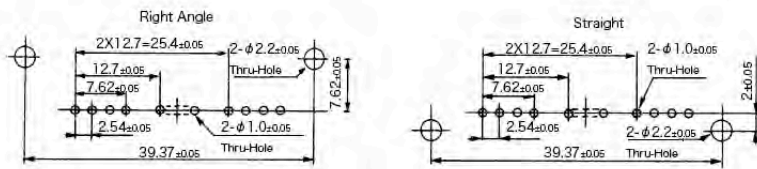
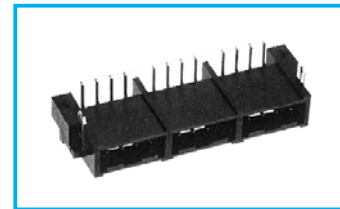
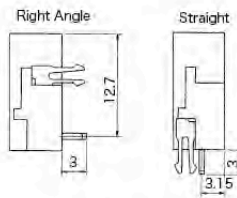
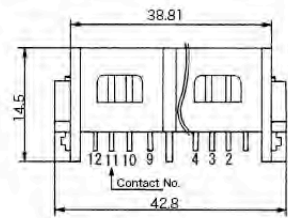
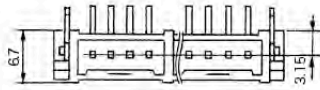
Contact Tail Style
S : Straight DIP
L : Right Angle DIP

FA : Lead Free

Deviation
No Digit : 12 Contacts
D1(06) : 6 Contacts
Empty Contact No.1, 4, 5, 8, 9, 12

Board Lock
A : with Board Lock
N : without Board Lock

Contact Plating
5 : Sn-Ag Plating



Recommended PCB Dimensions (t=1.6±0.19)

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

Size : 4x2, Number of Contact : 8, 16

Number of Contact

Block Color
A : Black
B : Light Blue

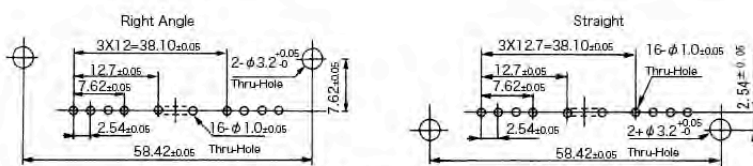
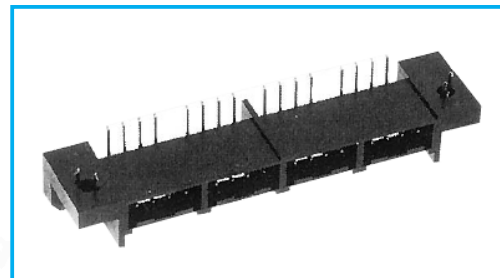
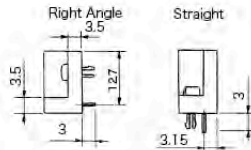
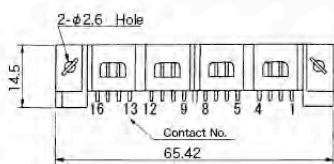
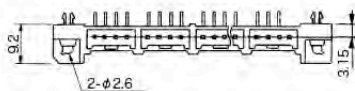
Contact Tail Style
S : Straight DIP
L : Right Angle DIP

FA : Lead Free

Deviation
No Digit : 16 Contacts
D1(08) : 8 Contacts
Empty Contact No.1, 4, 5, 8, 9, 12, 13, 16

Board Lock
A : with Board Lock
N : without Board Lock

Contact Plating
5 : Sn-Ag Plating



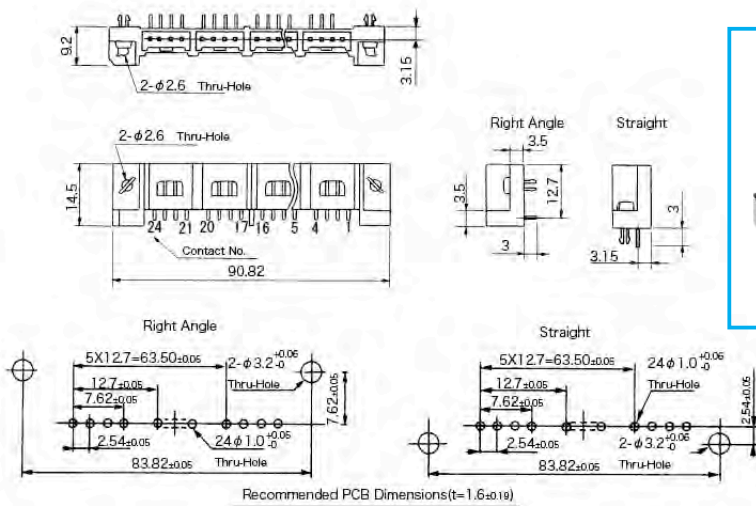
Recommended PCB Dimensions (t=1.6±0.19)

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▶ Pin Header

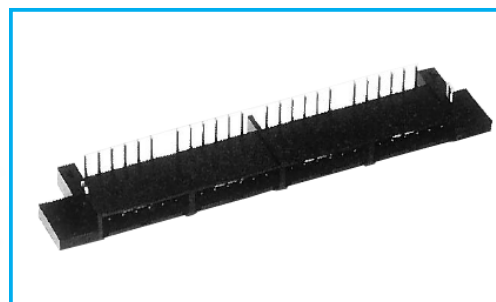
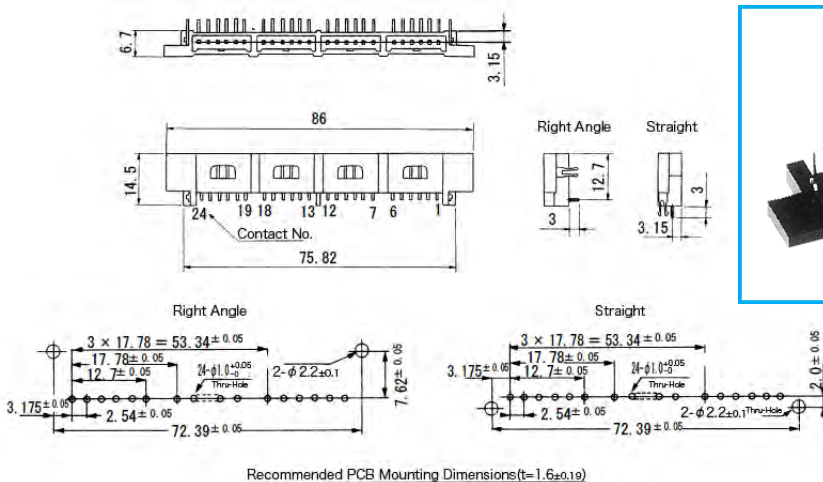
232D-24P1A-S15A-FA Size : 4x6, Number of Contact : 24

- Number of Contact
- Block Color
A : Black
- Contact Tail Style
S : Straight DIP
L : Right Angle DIP
- FA : Lead Free
- Board Lock
A : with Board Lock
N : without Board Lock
- Contact Plating
5 : Sn-Ag Plating



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

- Number of Contact
- Block Color
A : Black
- Number of Contact per Unit
6 : 6 Contacts
- FA : Lead Free
- Board Lock
A : with Board Lock
N : without Board Lock
- Contact Plating
5 : Sn-Ag Plating
- Contact Tail Style
S : Straight DIP
L : Right Angle DIP



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▶ Pin Header

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

Number of Contact

Block Color
A : Black
B : Light Blue

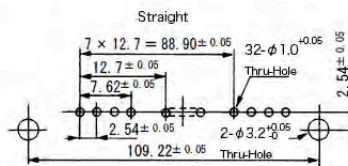
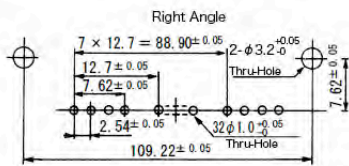
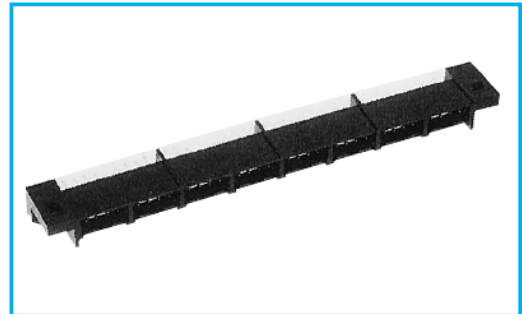
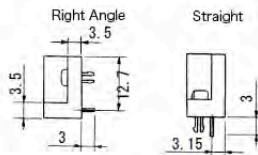
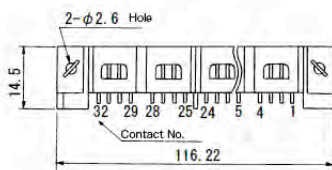
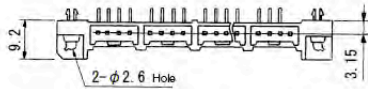
Contact Tail Style
S : Straight DIP
L : Right Angle DIP

Contact Plating
5 : Sn-Ag Plating

FA : Lead Free

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

Board Lock
A : with Board Lock
N : without Board Lock



Recommended PCB Dimensions(t=1.6±0.19)

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