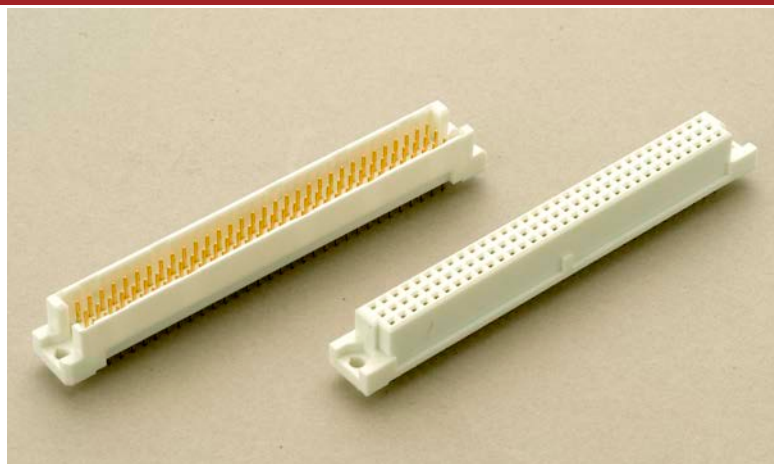


DIN 41612 / IEC603-2 Low Cost Type Connector

128A Series



FEATURE

- Standard, right angle and reverse mounting styles are available for various applications.
- Compatible to DIN41612 / IEC603-2
- Self-wiping socket contact design enables to connect stably.
- Selective contact loading
- Single-sided contact design

CONFORMING STANDARD

DIN 41612、VG95324、IEC 603-2、MIL-DTL-55302

SPECIFICATIONS

Rated Voltage	300V AC (rms)
Rated Current	2A / contact
Dielectric Withstanding Voltage	1000V AC (rms) / 1min.
Insulation Resistance	1000M Ω min. at 100V DC
Contact Resistance	20m Ω max.

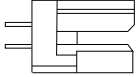
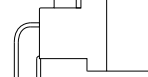
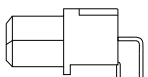
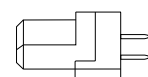
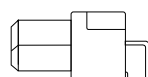
MATERIAL/FINISH



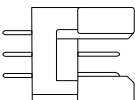
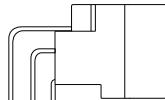
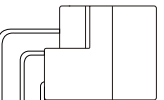
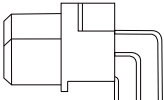
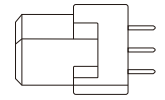
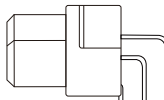
Item	Material / Finish
Contact	Copper Alloy / Contact Area : Au over Ni Plating Tail Area : Sn-Ag over Ni Plating
housing	PBT Resin (UL94V-0) / Natual
Board Lock	Copper Alloy / Sn-Ag Plating

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Your catalogue checking the latest specifications with our drawings would be highly appreciated.

▶ 2-Row Type

Config.	Pin Header			Socket		
	Reverse DIN	Standard DIN (Edge Mount)	Standard DIN (Board Mount)	Reverse DIN	Standard DIN (Edge Mount)	Reverse DIN ((Board Mount)
	Straight DIP	Right Angle DIP	Right Angle DIP	Right Angle DIP	Straight DIP	Right Angle DIP
No. of Contact						
20			128A-020P2B-L □□□ -FA			128A-020S2B-L □□□ -FA
26	128A-026P2C-S □□□ -FA	128A-026P2A-L □□□ -FA	128A-026P2B-L □□□ -FA	128A-026S2C-L □□□ -FA		128A-026S2B-L □□□ -FA
30		128A-030P2A-L □□□ -FA	128A-030P2B-L □□□ -FA	128A-030S2C-L □□□ -FA		128A-030S2B-L □□□ -FA
32	128A-032P2C-S □□□ -FA	128A-032P2A-L □□□ -FA	128A-032P2B-L □□□ -FA	128A-032S2C-L □□□ -FA	128A-032S2A-S □□□ -FA	128A-032S2B-L □□□ -FA
40	128A-040P2C-S □□□ -FA	128A-040P2A-L □□□ -FA	128A-040P2B-L □□□ -FA	128A-040S2C-L □□□ -FA		128A-040S2B-L □□□ -FA
44	128A-044P2C-S □□□ -FA	128A-044P2A-L □□□ -FA	128A-044P2B-L □□□ -FA	128A-044S2C-L □□□ -FA	128A-044S2A-S □□□ -FA	128A-044S2B-L □□□ -FA
50	128A-050P2C-S □□□ -FA	128A-050P2A-L □□□ -FA	128A-050P2B-L □□□ -FA	128A-050S2C-L □□□ -FA	128A-050S2A-S □□□ -FA	128A-050S2B-L □□□ -FA
64	128A-064P2C-S □□□ -FA	128A-064P2A-L □□□ -FA	128A-064P2B-L □□□ -FA	128A-064S2C-L □□□ -FA	128A-064S2A-S □□□ -FA	128A-064S2B-L □□□ -FA
90		128A-090P2A-L □□□ -FA	128A-090P2B-L □□□ -FA	128A-090S2C-L □□□ -FA	128A-090S2A-S □□□ -FA	128A-090S2B-L □□□ -FA

▶ 3-Row Type

Config.	Pin Header			Socket		
	Reverse DIN	Standard DIN (Edge Mount)	Standard DIN (Board Mount)	Reverse DIN (Edge Mount)	Standard DIN	Reverse DIN ((Board Mount)
	Straight DIP	Right Angle DIP	Right Angle DIP	Right Angle DIP	Straight DIP	Right Angle DIP
No. of Contact						
48		128A-048P3A-L □□□ -FA	128A-048P3B-L □□□ -FA	128A-048S3C-L □□□ -FA	128A-048S3A-S □□□ -FA	128A-048S3B-L □□□ -FA
60	128A-060P3C-S □□□ -FA			128A-060S3C-L □□□ -FA	128A-060S3A-S □□□ -FA	128A-060S3B-L □□□ -FA
96	128A-096P3C-S □□□ -FA	128A-096P3A-L □□□ -FA	128A-096P3B-L □□□ -FA	128A-096S3C-L □□□ -FA	128A-096S3A-S □□□ -FA	128A-096S3B-L □□□ -FA

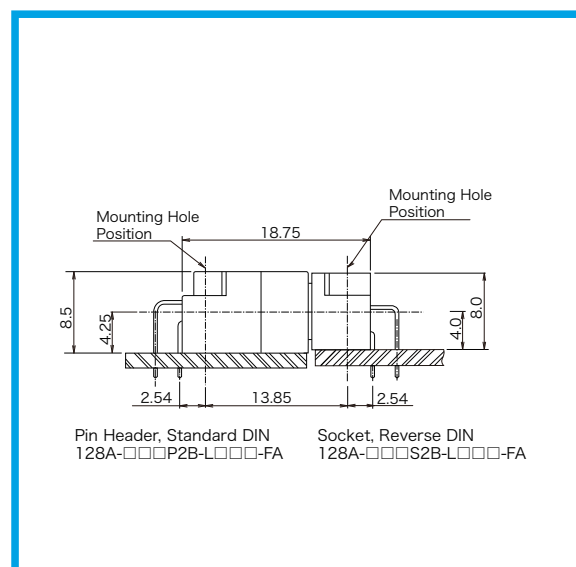
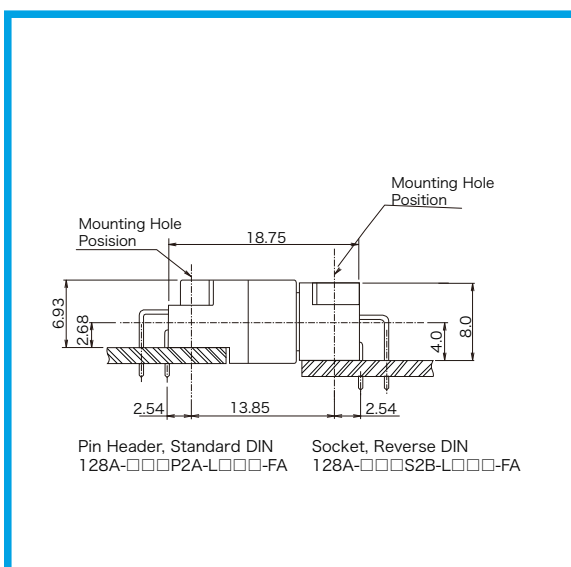
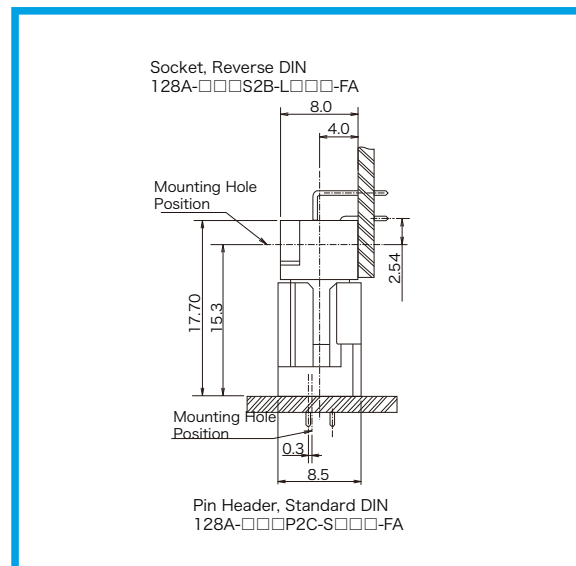
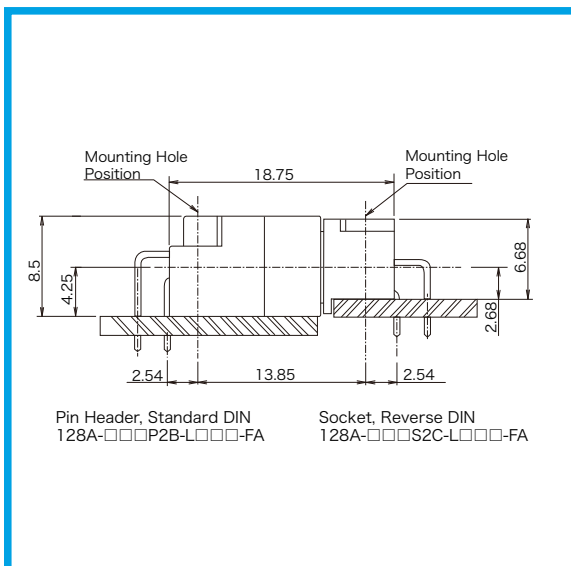
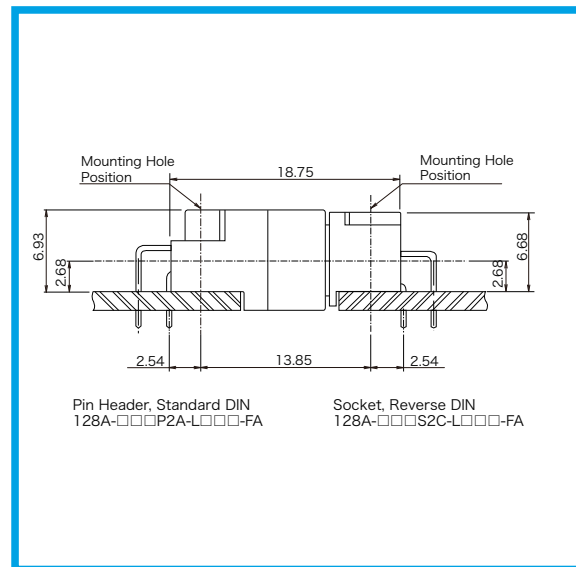
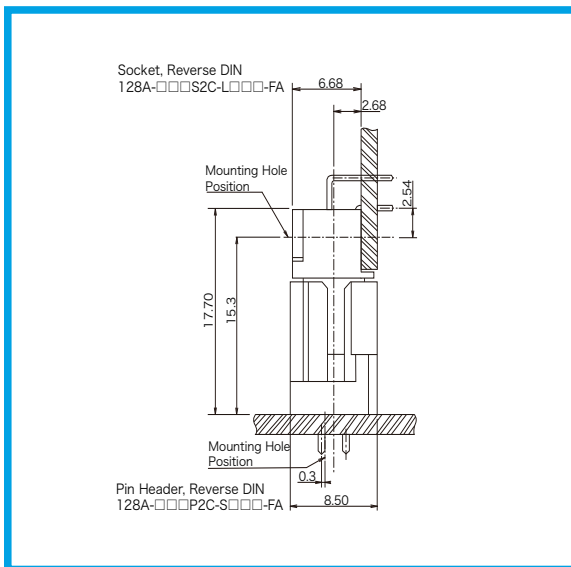
■ Anti-Flux Migration Type (Standard DIN Straight DIP Type)

Number of Contact	Part Number
32	128A-032S2H-S14 □ -FA
44	128A-044S2H-S14 □ -FA
64	128A-064S2H-S14 □ -FA
90	128A-090S2H-S14 □ -FA

※ If you require other number of contact, please contact our sales.

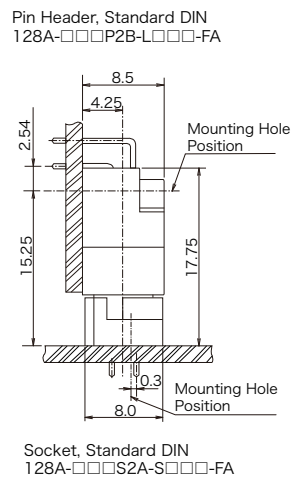
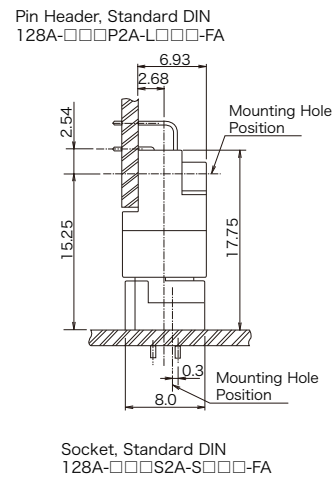
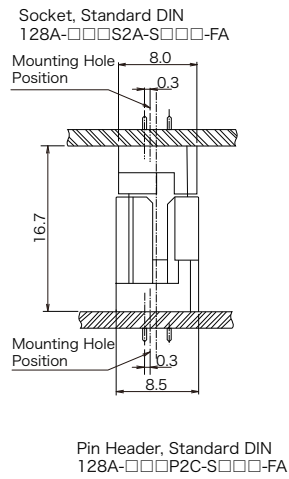
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▶ Mating Dimensions (2-Row Type)

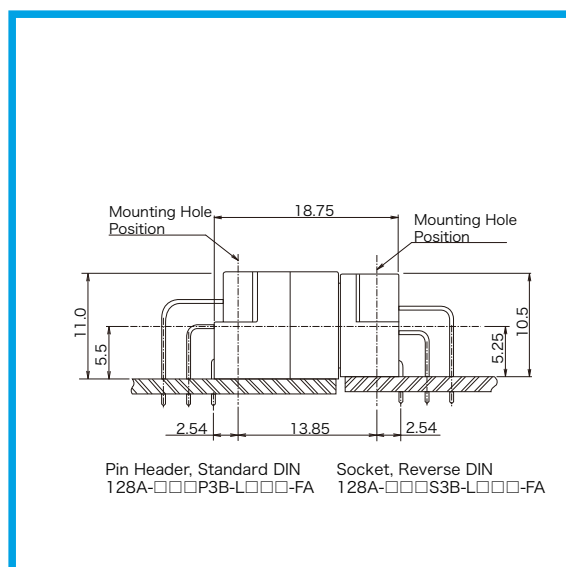
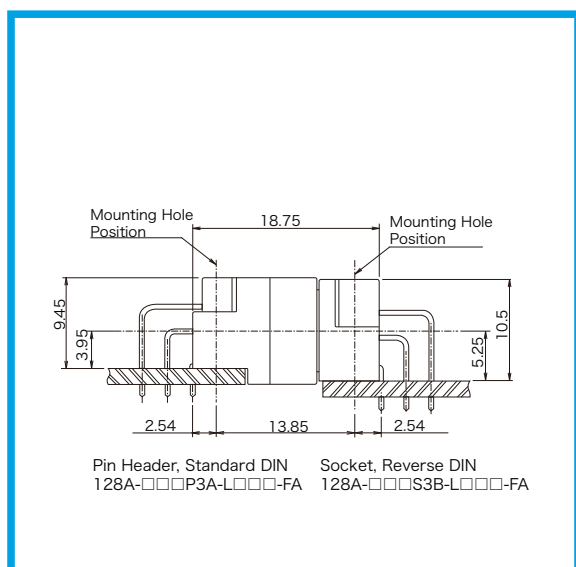
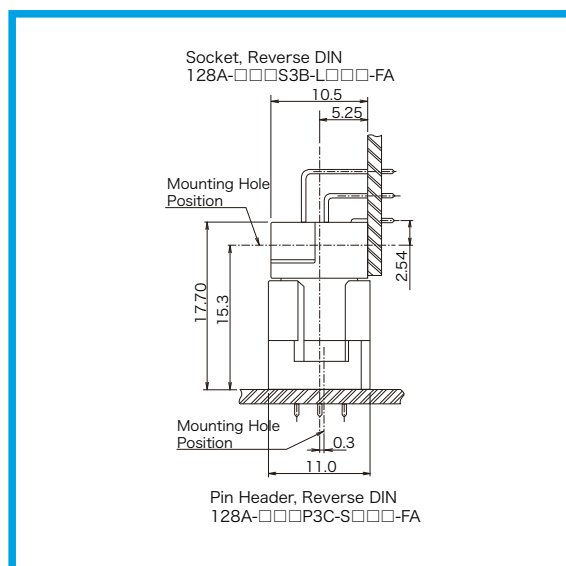
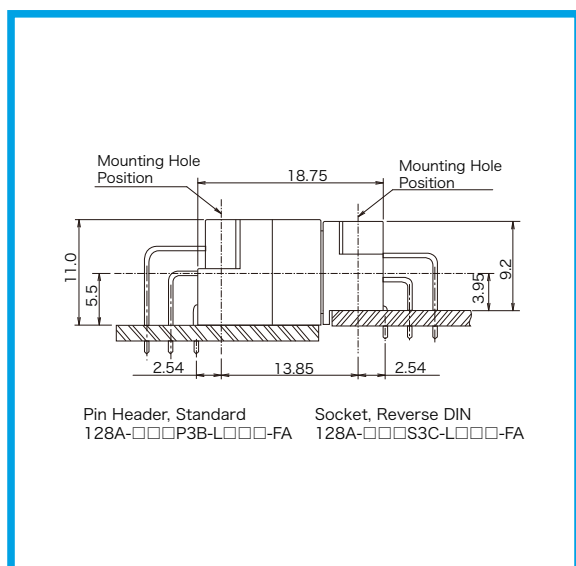
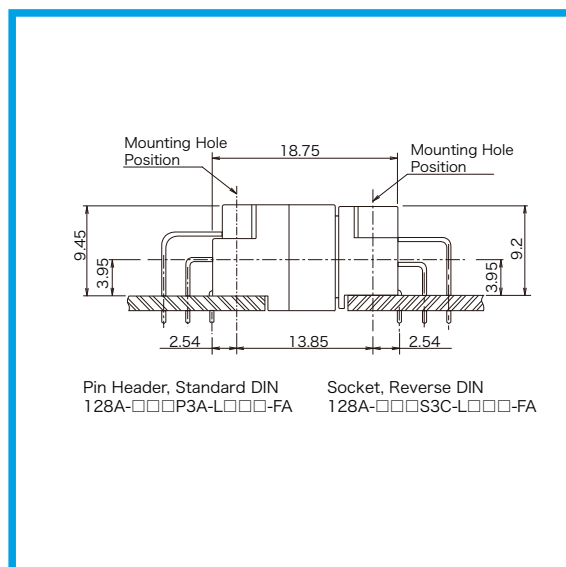
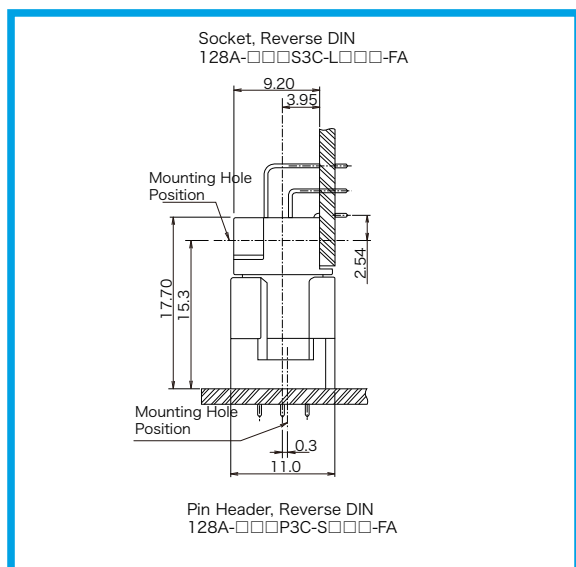


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▶ Mating Dimensions (2-Row Type)

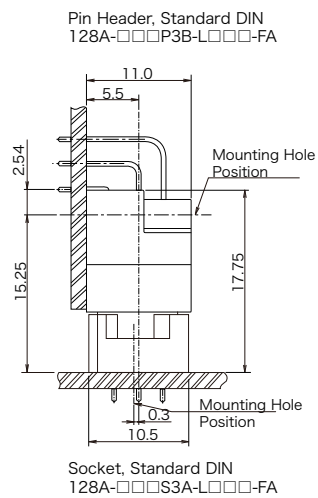
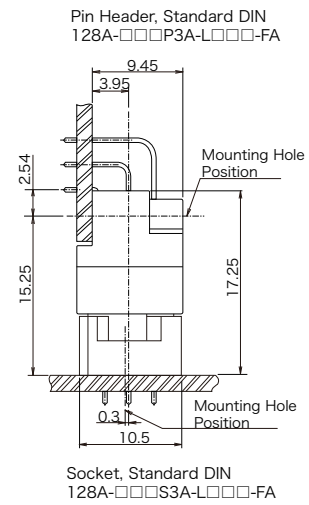
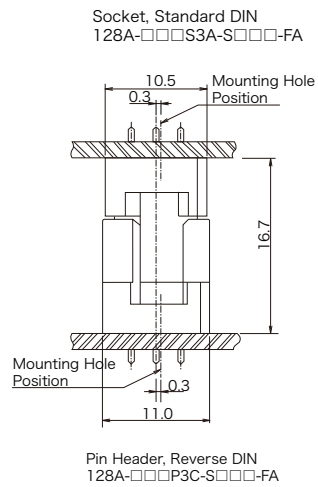


▶ Mating Dimensions (3-Row Type)



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Your catalogue checking the latest specifications with our drawings would be highly appreciated.

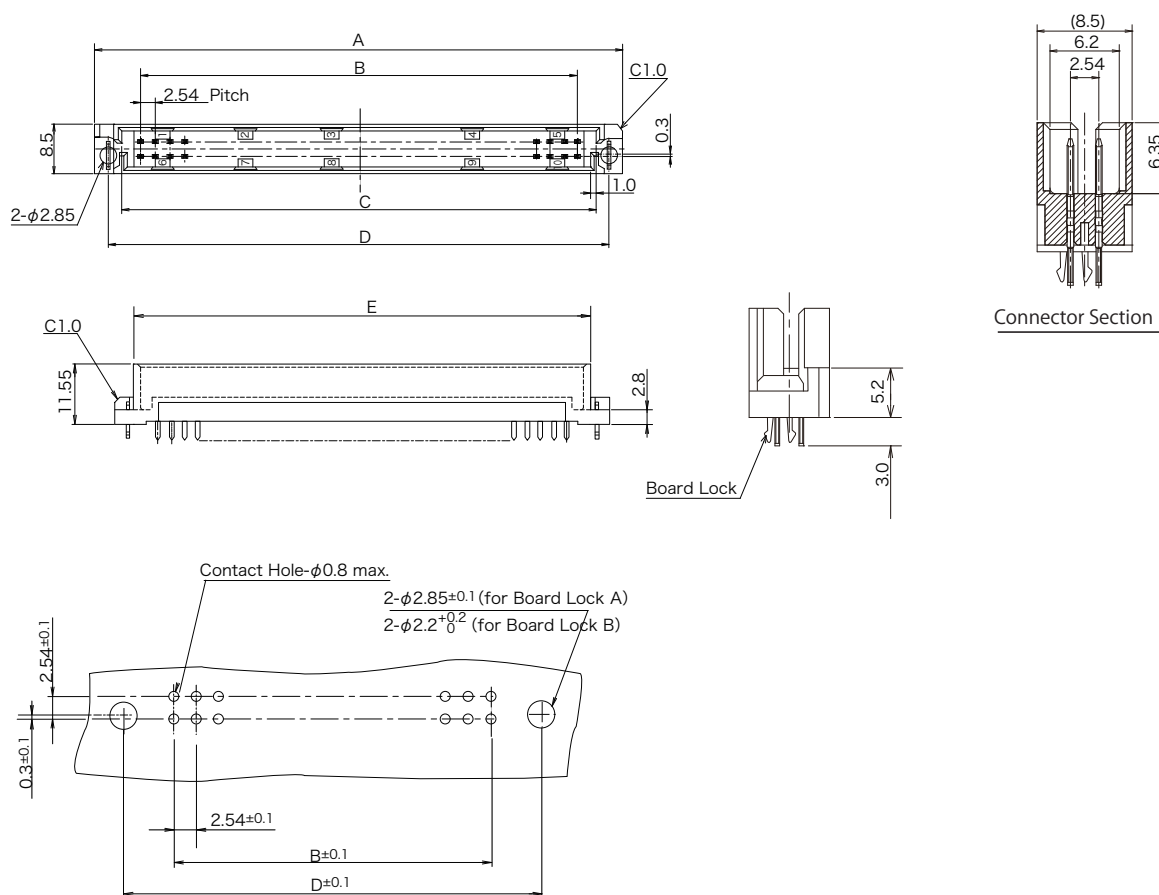
▶ Mating Dimensions (3-Row Type)



▶ 2-Row Type Pin header (Reverse DIN Straight DIP)

128A-044P2C-S14A-FA

Number of Contact 26, 32, 40, 44, 50, 64	Lead Free FA : Sn-Ag Plating (Tail Area and Board Lock)
Mounting State C : Reverse DIN	Board Lock A : with Board Lock (for ϕ 2.85) N : without Board Lock
Contact Tail Length 1 : 3.0mm	Contact Area Plating 4 : Au (Flash) over Ni Plating



Recommended PCB Mounting Dimensions

($t=1.6\pm0.19$)

(Connector Mounting Side)

Number of Contact	A	B	C	D	E
26	46.64	30.48	36.94	41.74	39.74
32	54.26	38.10	44.56	49.36	47.36
40	64.42	48.26	54.72	59.52	57.52
44	69.50	53.34	59.80	64.60	62.60
50	77.12	60.96	67.42	72.22	70.22
64	94.90	78.74	85.20	90.00	88.00

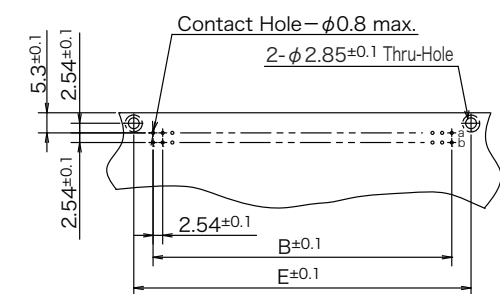
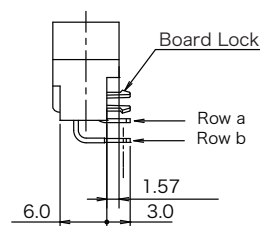
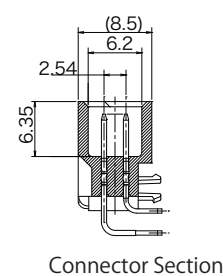
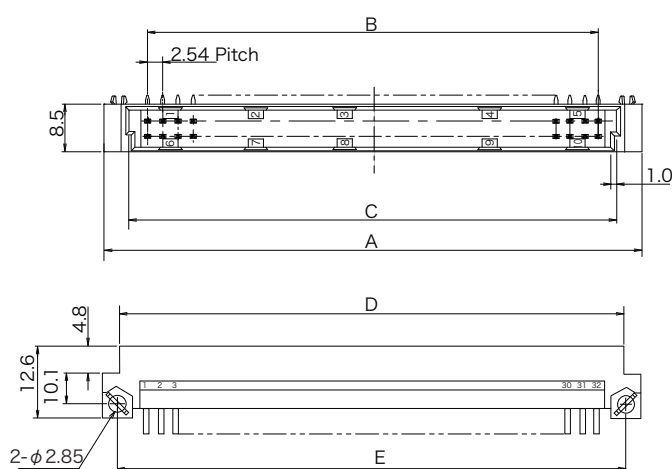
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<https://www.connector.fujikura.com>

▶ 2-Row Type Pin Header (Standard DIN(Edge Mount), Right Angle DIP)

128A-044P2A-L14A-FA

Number of Contact 26, 30, 32, 40 44, 50, 64, 90	Lead Free FA : Sn-Ag Plating Tail Area and Board Lock
Mounting State A : Standard DIN(Edge Mount)	Board Lock A : with Board Lock (for $\phi 2.85$) N : without Board Lock
Contact Tail Style L : Right Angle	Contact Area Plating 4 : Au (Flash) over Ni Plating
Contact Tail Length 1 : 3.0mm	



Recommended PCB Mounting Dimensions
($t=1.6\pm0.19$)

(Connector Mounting Side)

Number of Contact	A	B	C	D	E
26	45.64	30.48	36.94	39.74	40.64
30	50.72	35.56	42.02	44.82	45.72
32	53.26	38.10	44.56	47.36	48.26
40	63.42	48.26	54.72	57.52	58.42
44	68.50	53.34	59.80	62.60	63.50
50	76.12	60.96	67.42	70.22	71.12
64	93.90	78.74	85.20	88.00	88.90
90	126.92	111.76	118.22	121.02	121.92

▶ 2-Row Type Pin Header (Standard DIN(Board Mount), Right Angle DIP)

128A-044P2B-L14AL-FA

Number Of Contact
20, 26, 30, 32, 40
44, 50, 64, 90

Mounting State
B : Standard DIN(Board Mount)

Contact Tail Style
L : Right Angle

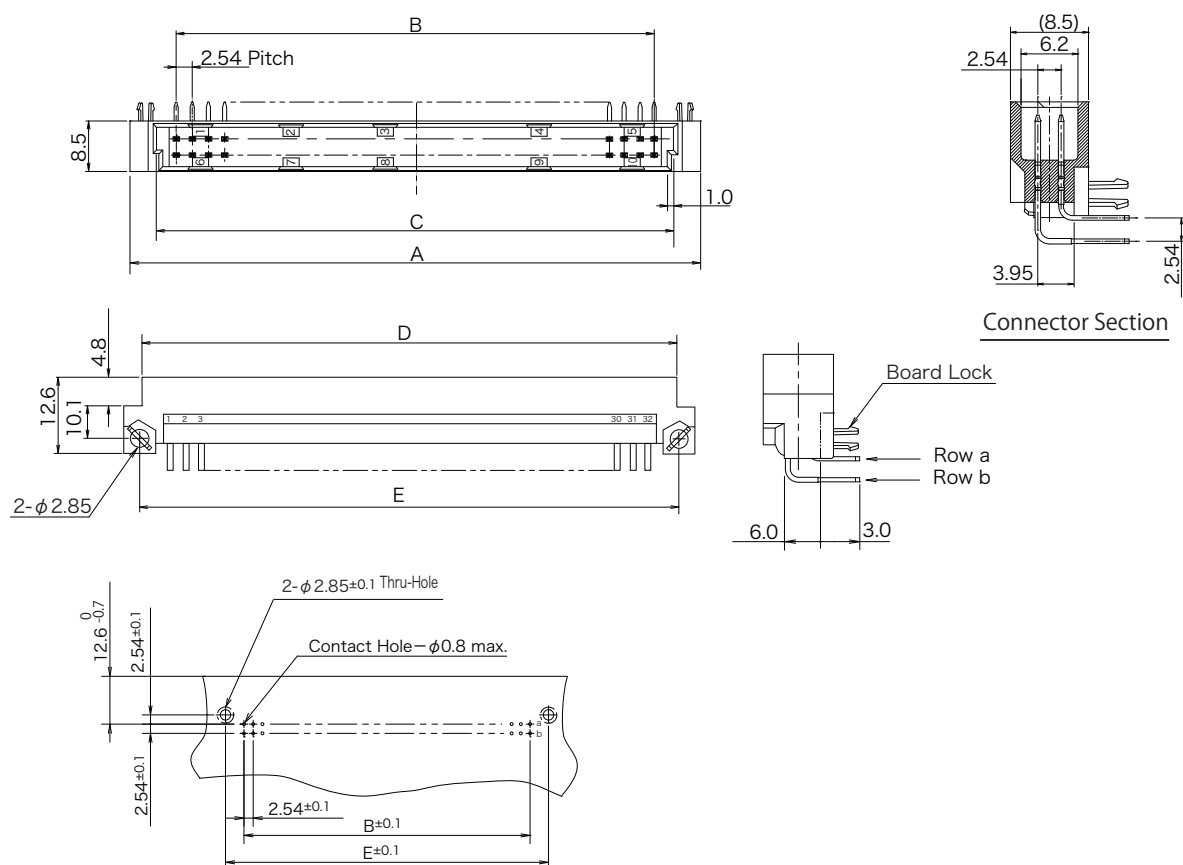
Contact Tail Length
1 : 3.0mm

Lead Free
FA : Sn-Ag Plating
Tail Area and Board Lock

Block, lock pin shape
L : 20 Number of Contact only
Omit : 26,30,32,40,44,50,64,90
※ The detail: Please request document from agency.

Board Lock
A : with Board Lock (for ϕ 2.85)
N : without Board Lock

Contact Area Plating
4 : Au (Flash) over Ni Plating



Recommended PCB Mounting Dimensions (t=1.6±0.19)

(Connector Mounting Side)

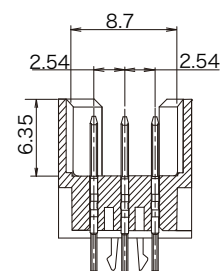
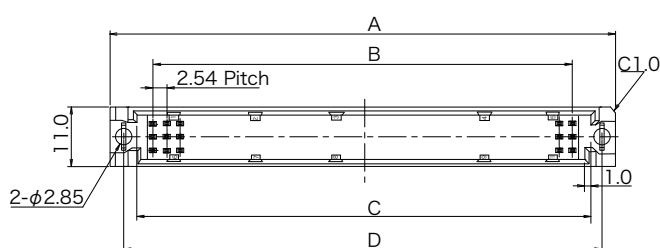
Number of Contats	A	B	C	D	E	F	G	H
20	38.02	22.86	29.42	31.80	33.02	5.5	10.11	2.8±0.05
26	45.64	30.48	36.94	39.74	40.64	4.8	10.1	2.85±0.1
30	50.72	35.56	42.02	44.82	45.72	4.8	10.1	2.85±0.1
32	53.26	38.10	44.56	47.36	48.26	4.8	10.1	2.85±0.1
40	63.42	48.26	54.72	57.52	58.42	4.8	10.1	2.85±0.1
44	68.50	53.34	59.80	62.60	63.50	4.8	10.1	2.85±0.1
50	76.12	60.96	67.42	70.22	71.12	4.8	10.1	2.85±0.1
64	93.90	78.74	85.30	88.00	88.90	4.8	10.1	2.85±0.1
90	126.92	111.76	118.32	121.02	121.92	4.8	10.1	2.85±0.1

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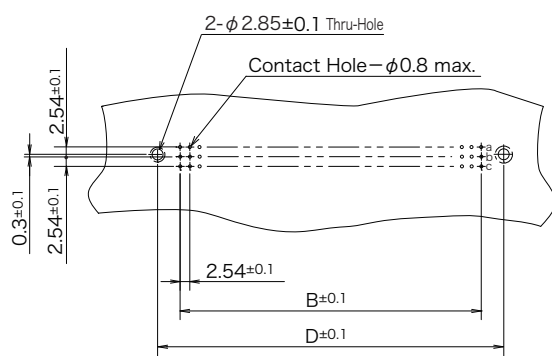
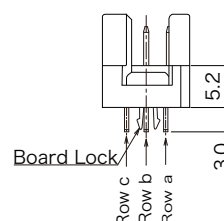
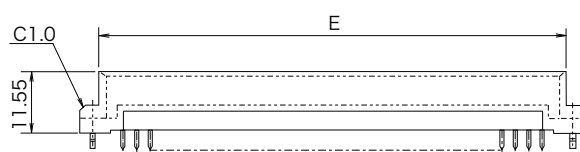
▶ 3-Row Pin Header (Reverse DIN, Straight DIP)

128A-060P3C-S14A-FA

Number of Contact 60, 96	Lead Free FA : Sn-Ag Plating Tail Area and Board Lock
Mounting State C : Reverse DIN	Board Lock A : with Board Lock (for $\phi 2.85$) N : without Board Lock
Contact Tail Style S : Straight	Contact Area Plating 4 : Au(Flash) over Ni Plating
Contact Tail Length 1 : 3.0mm	



Contact Section



Recommended PCB Mounting Dimensions

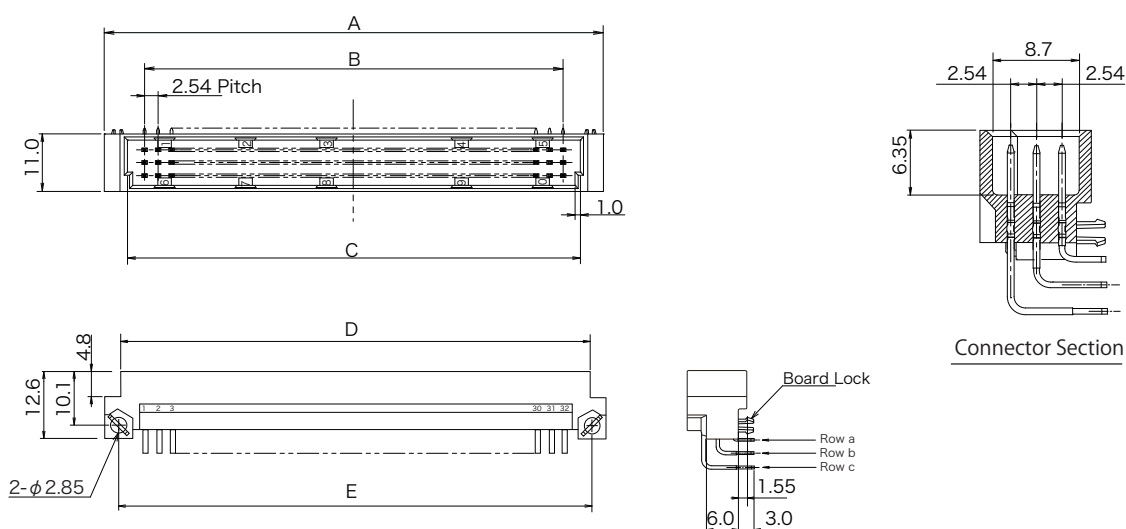
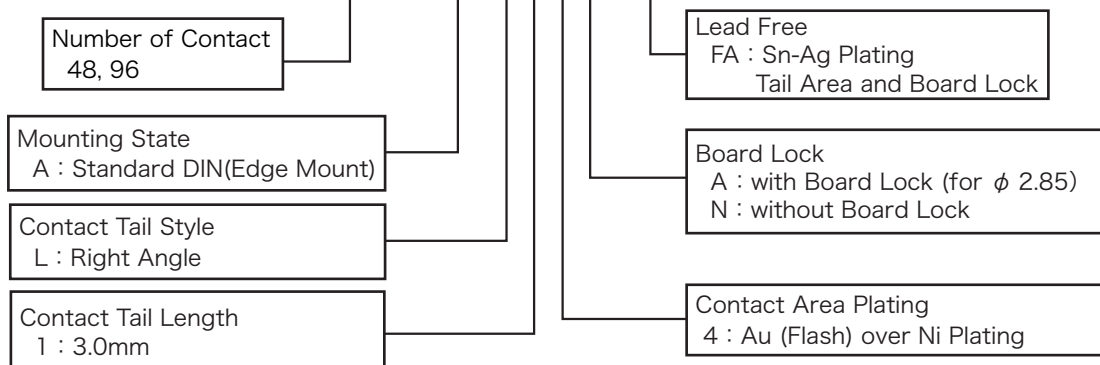
(t=1.6±0.19)

(Connector Mounting Side)

Number of Contact	A	B	C	D	E
60	64.42	48.26	54.72	59.52	57.52
96	94.90	78.74	85.20	90.00	88.00

▶ 3-Row Pin Header (Standard DIN(Edge Mount), Right Angle DIP)

128A-048P3A-L14A-FA



Recommended PCB Mounting Dimensions

($t=1.6\pm0.19$)

(Connector Mounting Side)

Number of Contact	A	B	C	D	E
48	53.26	38.10	44.56	47.36	48.26
96	93.90	78.74	85.30	88.00	88.90

▶ 3-Row Pin Header (Reverse DIN(Board Mount), Right Angle DIP)

128A-048P3B-L14A-FA

Number of Contact
48, 96

Mounting State
B : Reverse DIN(Board Mount)

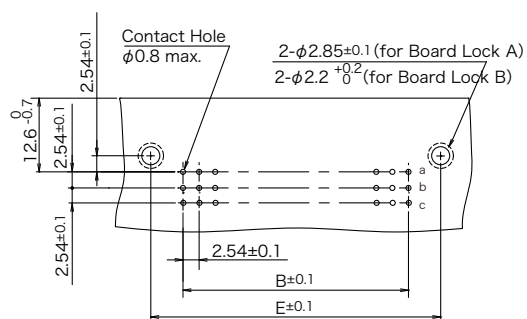
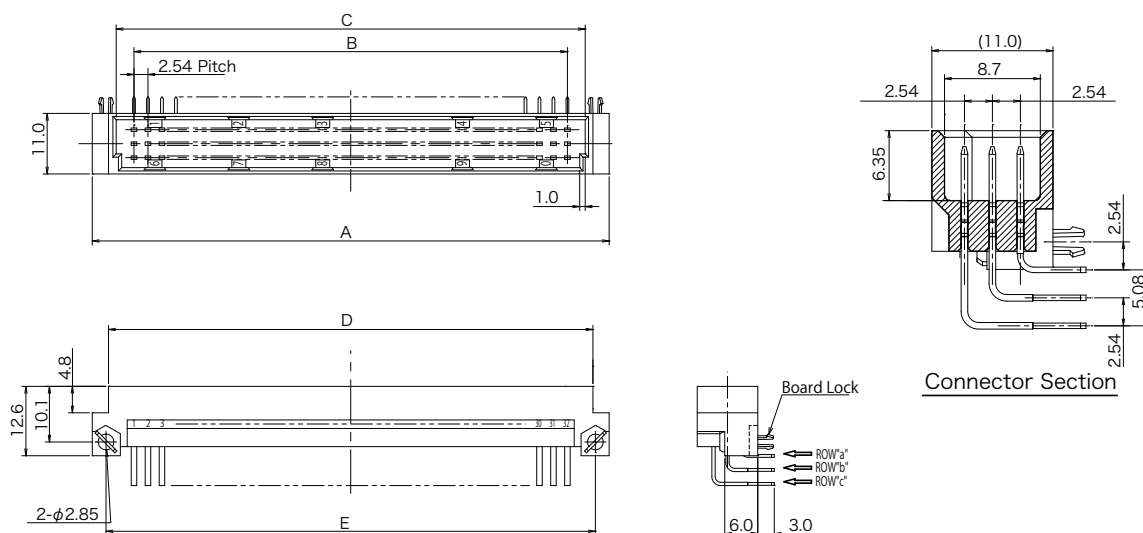
Contact Tail Style
L : Right Angle

Contact Tail Length
1 : 3.0mm

Lead Free
FA : Sn-Ag Plating
Tail Area and Board Lock

Board Lock
A : with Board Lock (for $\phi 2.85$)
N : without Board Lock

Contact Area Plating
4 : Au (Flash) over Ni Plating



Recommended PCB Mounting Dimensions

($t=1.6 \pm 0.19$)

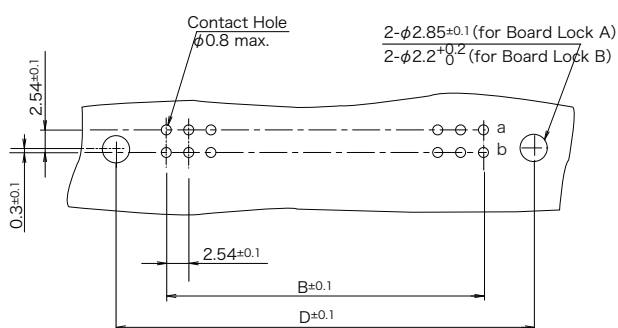
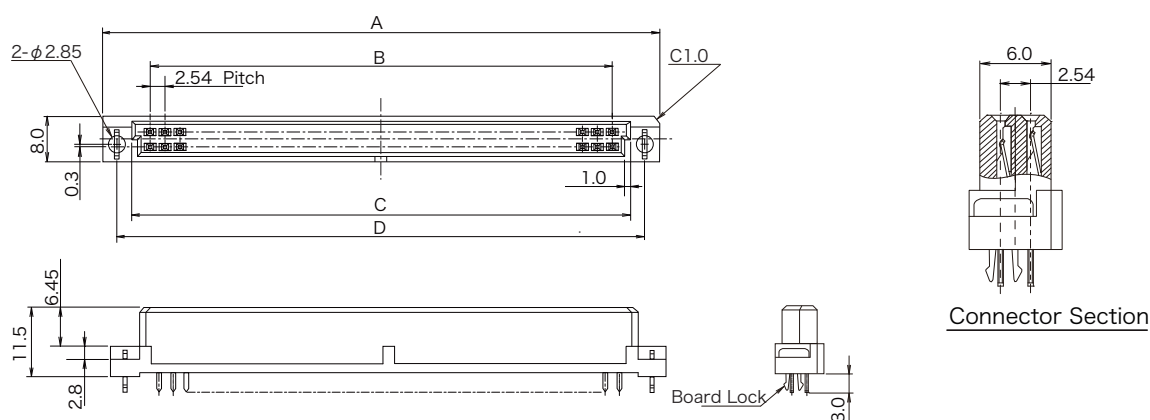
(Connector Mounting Side)

Number of Contact	A	B	C	D	E
48	53.26	38.10	44.56	47.36	48.26
96	93.90	78.74	85.20	88.00	88.90

▶ 2-Row Socket (Standard DIN, Straight DIP)

128A-044S2A-S14A-FA

Number of Contact 32,44,50,64, 90	Lead Free FA : Sn-Ag Plating Tail Area and Board Lock
Mounting State A : Standard DIN	Board Lock A : with Board Lock (for $\phi 2.85$) N : without Board Lock
Contact Tail Style S : Straight	Contact Area Plating 4 : Au (Flash) over Ni Plating
Contact Tail Length 1 : 3.0mm	



Recommended PCB Mounting Dimensions

($t=1.6\pm0.19$)

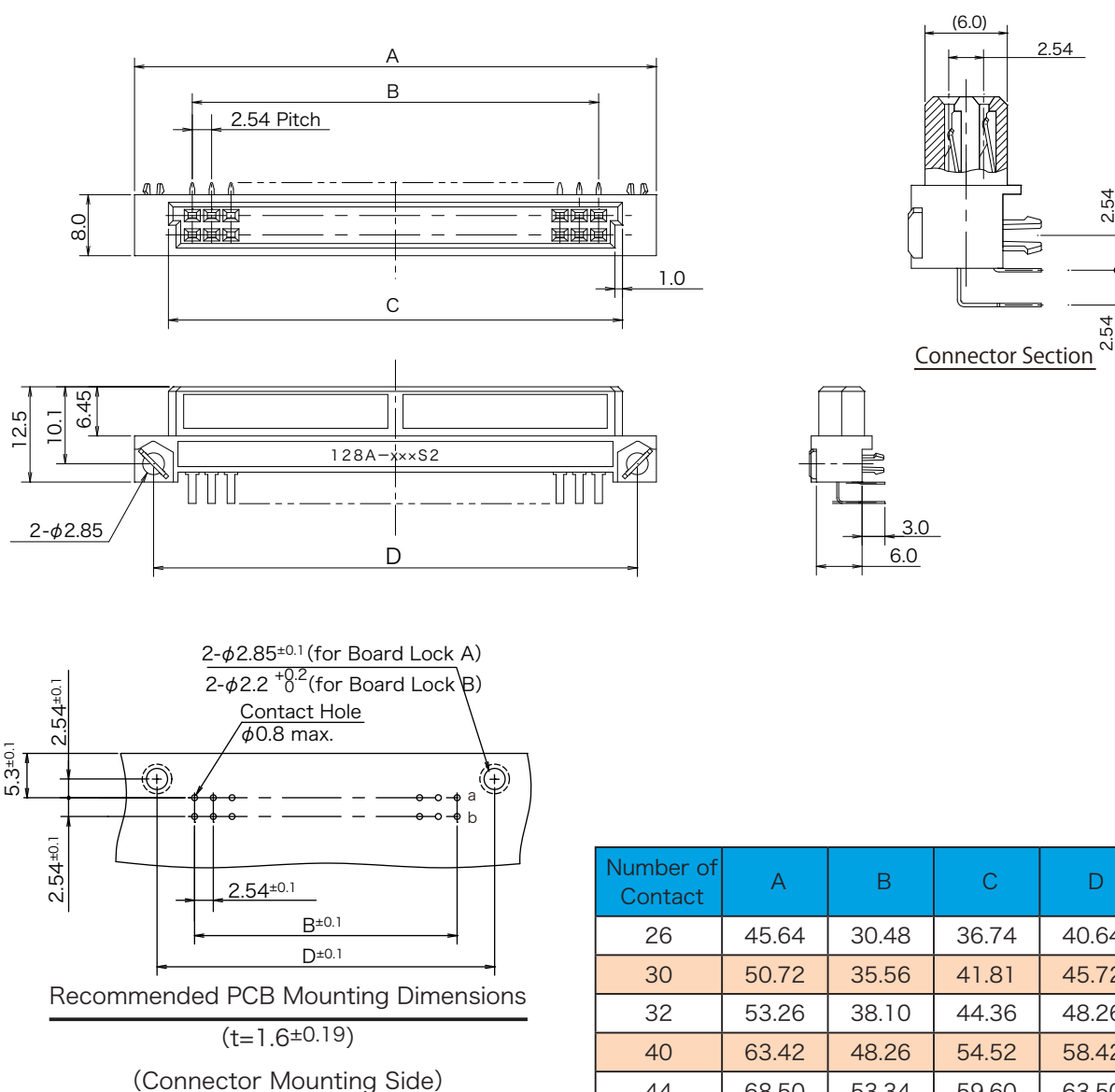
(Connector Mounting Side)

Number of Contact	A	B	C	D
32	54.26	38.10	44.36	49.36
44	69.50	53.34	59.60	64.60
50	77.12	60.96	67.22	72.22
64	94.90	78.74	85.00	90.00
90	127.92	111.76	118.02	123.02

▶ 2-Row Socket (Reverse DIN(Edge Mount), Right Angle DIP)

128A-044S2C-L14A-FA

Number of Contact 26, 30, 32, 40 44, 50, 64, 90	Lead Free FA : Sn-Ag Plating Tail Area and Board Lock
Mounting State C : Reverse DIN(Edge Mount)	Board Lock A : with Board Lock (for $\phi 2.85$) N : without Board Lock
Contact Tail Style L : Right Angle	Contact Area Plating 4 : Au (Flash) over Ni Plating
Contact Tail Length 1 : 3mm	



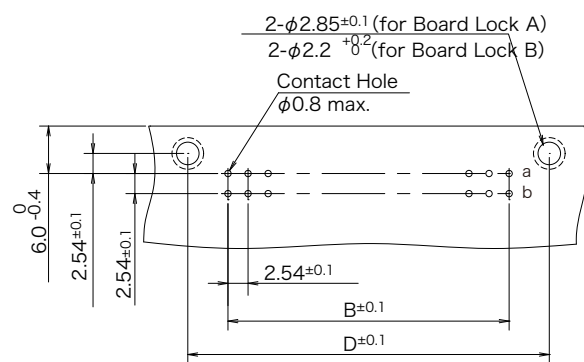
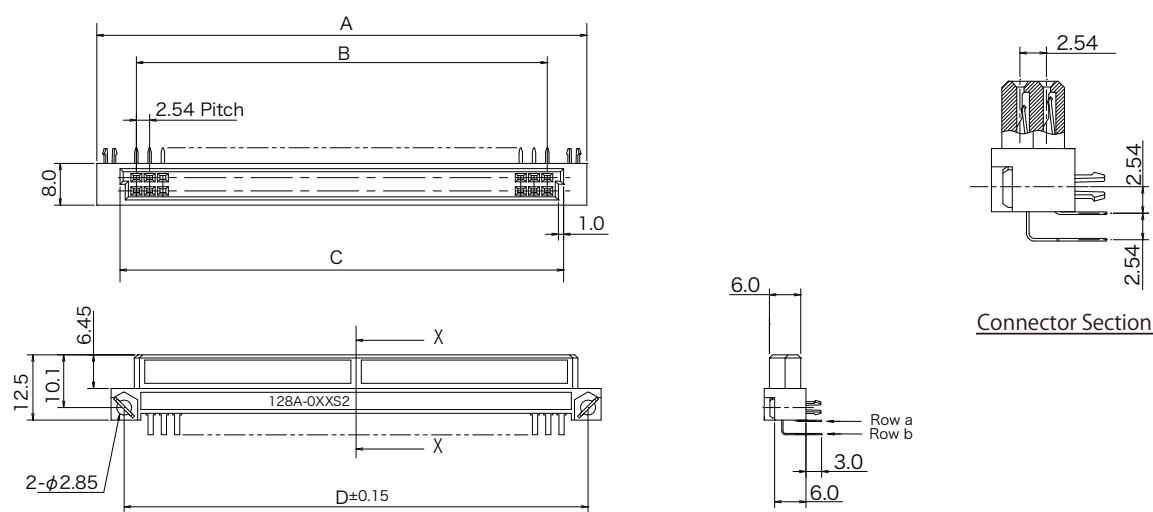
Number of Contact	A	B	C	D
26	45.64	30.48	36.74	40.64
30	50.72	35.56	41.81	45.72
32	53.26	38.10	44.36	48.26
40	63.42	48.26	54.52	58.42
44	68.50	53.34	59.60	63.50
50	76.12	60.96	67.22	71.12
64	93.90	78.74	85.00	88.90
90	126.92	111.76	118.02	121.92

© Specifications and/or dimensions in this catalogue are subject to change without notice.
Your catalogue checking the latest specifications with our drawings would be highly appreciated.

▶ 2-Row Socket (Reverse DIN(Board Mount), Right Angle DIP)

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Number of Contact 20, 26, 30, 32, 40 44, 50, 64, 90	Lead Free FA : Sn-Ag Plating Tail Area and Board Lock
Mounting State B : Reverse DIN (Board Mount)	Board Lock A : with Board Lock (for $\phi 2.85$) N : without Board Lock
Contact Tail Style L : Right Angle	Contact Area Plating 4 : Au (Flash) over Ni Plating
Contact Tail Length 1 : 3.0mm	



Recommended PCB Mounting Dimensions

($t=1.6\pm0.19$)

(Connector Mounting Side)

Number of Contacts	A	B	C	D
20	38.02	22.86	29.02	33.02
26	45.64	30.48	36.74	40.64
30	50.72	35.56	41.82	45.72
32	53.26	38.10	44.36	48.26
40	63.42	48.26	54.52	58.42
44	68.50	53.34	59.60	63.50
50	76.12	60.96	67.22	71.12
64	93.90	78.74	85.00	88.90
90	126.92	111.76	118.02	121.92

▶ 3-Row Socket (Standard DIN, Straight DIP)

128A-048S3A-S14A-FA

Number of Contact
48, 60, 96

Mounting State
A : Standard DIN

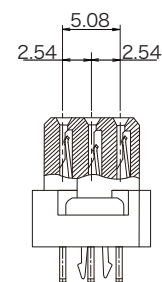
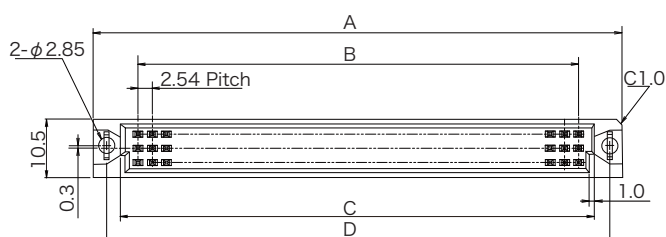
Contact Tail Style
S : Straight

Contact Tail Length
1 : 3.0mm

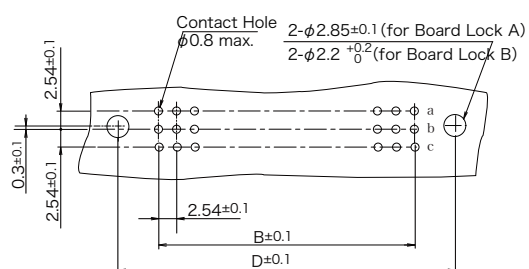
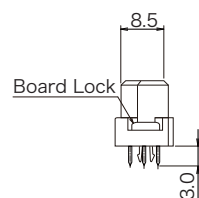
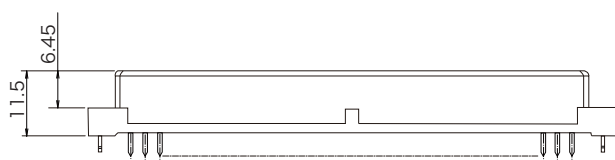
Lead Free
FA : Sn-Ag Plating
Tail Area and Board Lock

Board Lock
A : with Board Lock (for $\phi 2.85$)
N : without Board Lock

Contact Area Plating
4 : Au (Flash) over Ni Plating



Connector Section



Recommended PCB Mounting Dimensions

($t=1.6\pm0.19$)

(Connector Mounting Side)

Number of Contact	A	B	C	D
48	54.26	38.10	44.36	49.36
60	64.42	48.26	54.52	59.52
96	94.90	78.74	85.00	90.00

▶ 3-Row Socket (Reverse DIN(Edge Mount), Right Angle DIP)

128A-048S3C-L14A-FA

Number of Contact
48, 60, 96

Mounting State
C : Reverse DIN(Edge Mount)

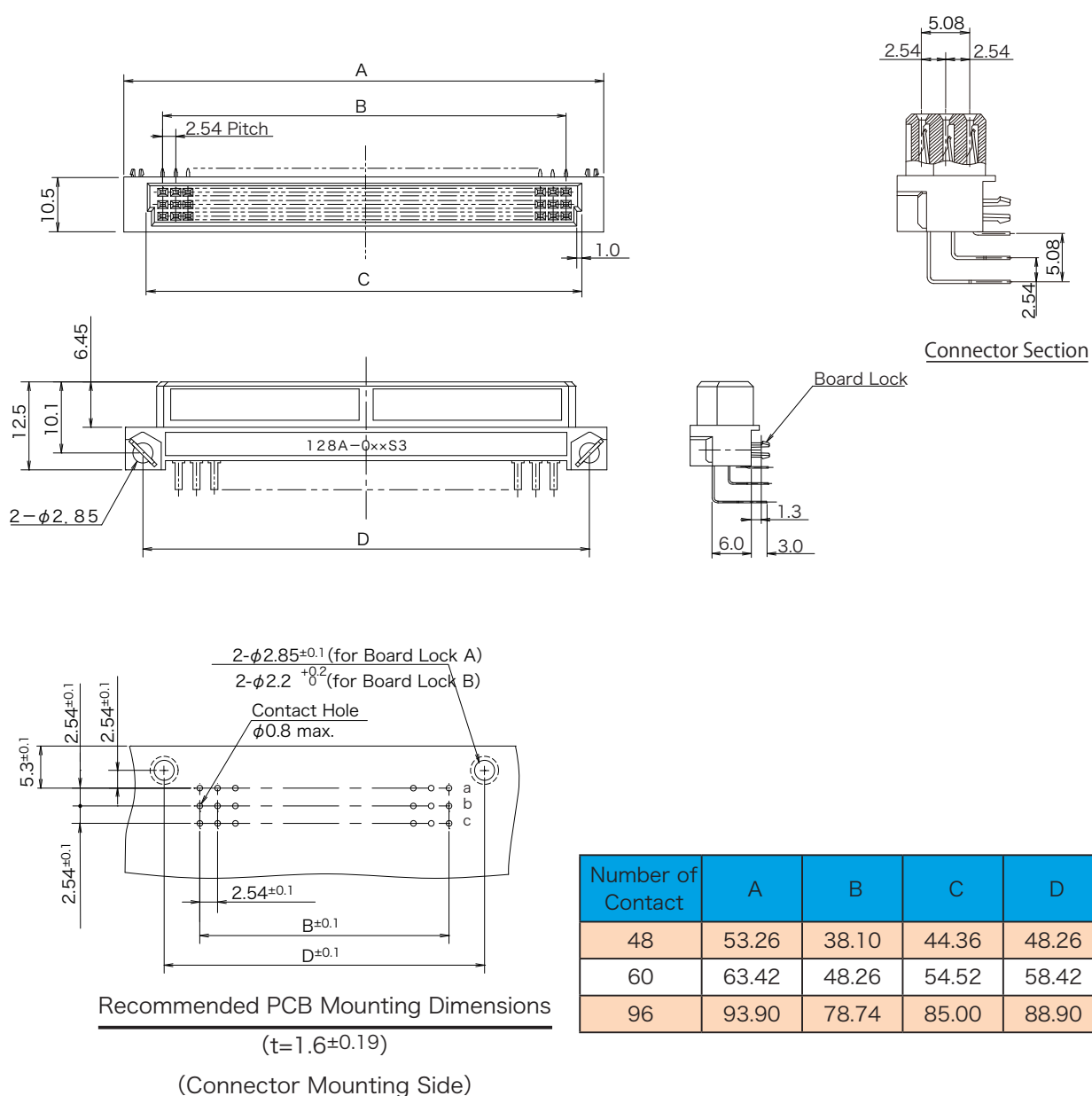
Contact Tail Style
L : Right Angle

Contact Tail Length
1 : 3.0mm

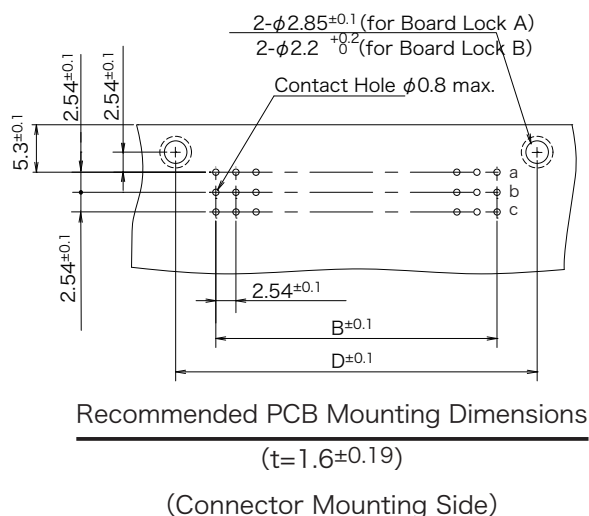
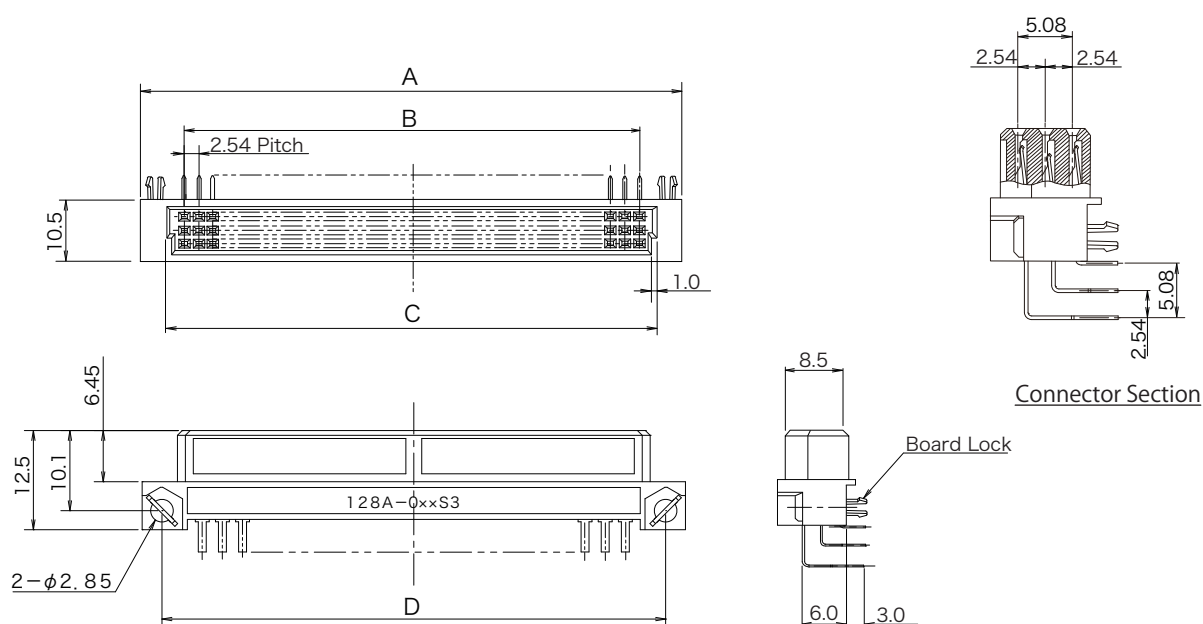
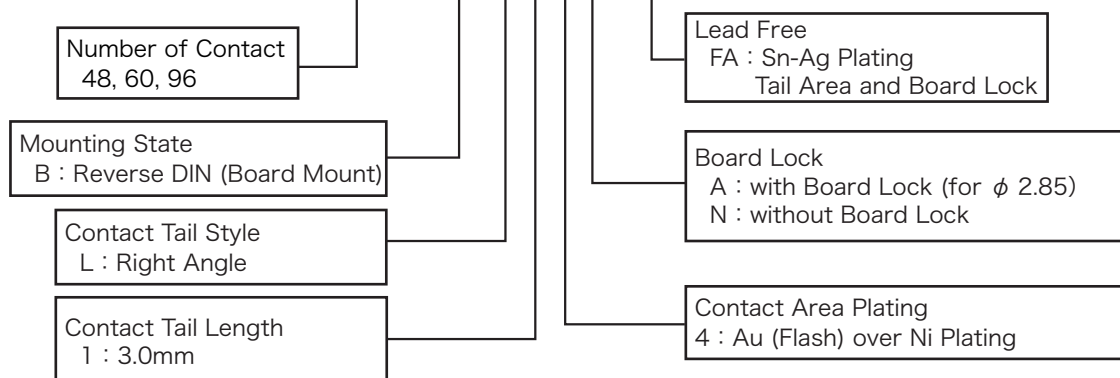
Lead Free
FA : Sn-Ag Plating
Tail Area and Board Lock

Board Lock
A : with Board Lock (for $\phi 2.85$)
N : without Board Lock

Contact Area Plating
4 : Au (Flash) over Ni Plating



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Number of Contact	A	B	C	D
48	53.26	38.10	44.36	48.26
60	63.42	48.26	54.52	58.42
96	93.90	78.74	85.00	88.90