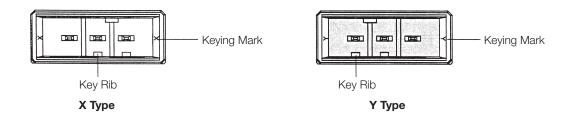


D-3200S (High-Voltage Version of Standard D-3100S) (Continued)

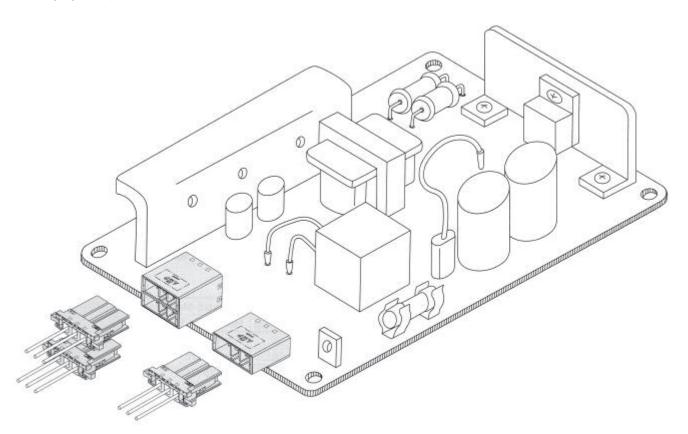
## **Keying**

This product (D-3200S) is provided with keying to help prevent mismating of the connector halves. Keying is available in two types – X Type and Y Type . (Shown below is the mating surface of Tab Header.)



## **Applications**

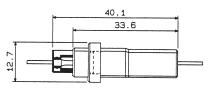
Switching regulator-Typical Applications



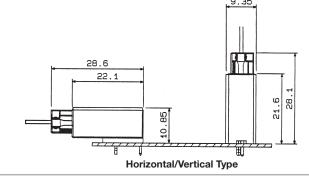


D-3200S (High-Voltage Version of Standard D-3100S) (Continued)

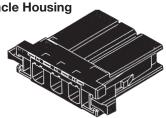
## **Mating Dimensions**



Panel/Free-Hanging Type



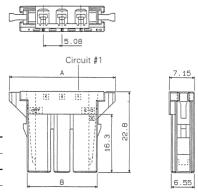
# External Dimensions Receptacle Housing



#### Mating Tab Connector Part Number:

□-179553-□ □-316131-□
□-179552-□ □-917337-□
□-179276-□ □-178136-□
□-178138-□ □-917338-□
□-179277-□ □-316132-□
□-316130-□ □-316133-□

Doub Noveleau	Dimensions				
Part Number	Α	В			
□-178128-2	24.62	14.16			
□-178128-3	29.7	19.24			
□-178128-4	34.78	24.32			
□-178128-5	39.86	29.4			
□-178128-6	44.94	34.48			



5-and 6-position receptacle housings differ slightly in shape with each other. Check with diagram.

#### **Tab Housing**

No. of Pos.

2

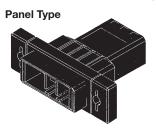
3
4

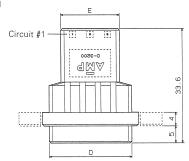
5

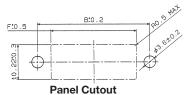
6

# Mating Receptacle Housing Part Number:

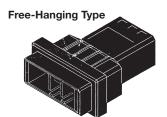
□-178128-□

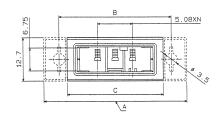


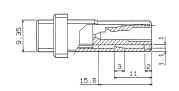




When mounting panel from the front, apply clamping torque of less than 49N [11 lbf].







No. of	o. of Part Number		Dimensions					
Pos.	Panel Type	Free-Hanging Type	Α	В	С	D	Е	F
2	□-179553-2	□-179552-2	36.83	28	23.03	19.08	12.08	20
3	□-179553-3	□-179552-3	41.91	33	28.11	24.16	17.16	25
4	□-179553-4	□-179552-4	46.99	38	33.19	29.24	22.24	30

58

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Dimensions are in millimeters unless otherwise specified.

Dimensions are shown for reference purposes only. Specifications subject to change.

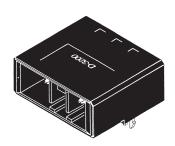
USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-1106-0803

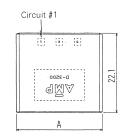


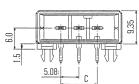
D-3200S (High-Voltage Version of Standard D-3100S) (Continued)

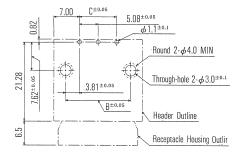
#### **Board-mounting Tab Header (Horizontal Type)**

#### **Mating Receptacle Housing** Part Number: □-178128-□



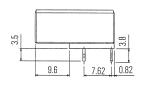






### **PC Board Layout**

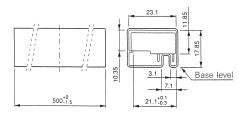
Acceptable Board Thickness: 1.6-2.4±0.1



#### Solder tine section is 0.64 sq.

No. of	Part Number	Dimensions					
Pos.	Part Number	Α	В	С			
2	□-179276-□	19.08	12.7	5.08			
3	□-178138-□	24.16	17.78	10.16			
4	□-179277-□	29.24	22.86	15.24			
5	□-316130-□	34.32	27.84	20.32			
6	□-316131-□	39.4	33.02	25.4			

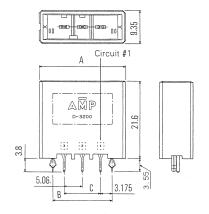
## **Tube Package Dimensions (Ref.)**

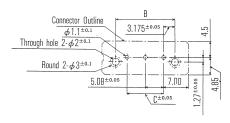


#### **Board-mounting Tab Header (Vertical Type)**

#### **Mating Receptacle Housing** Part Number: □-178128-□







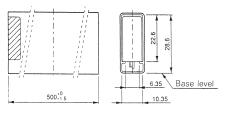
**PC Board Layout** 

Acceptable Board Thickness: 1.6-2.4±0.1

#### Solder tine section is 0.64 sq.

No. of	Part Number	Dimensions				
Pos.	Part Number	Α	В	С		
2	□-917337-□	19.08	11.43	5.08		
3	□-178136-□	24.16	16.51	10.16		
4	□-917338-□	29.24	21.59	15.24		
5	□-316132-□	34.32	26.67	20.32		
6	□-316133-□	39.4	31.75	25.4		

### **Tube Package Dimensions (Ref.)**



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Dimensions are in millimeters unless otherwise specified.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-1106-0803



## D-3200S SMT Type

#### **Receptacle Housing and Board Mount Tab Header**

#### **Appearance**

Dielectric Withstanding Voltage: 2,200 V (1 min.) Voltage Rating: 600 V (when one connector is used)

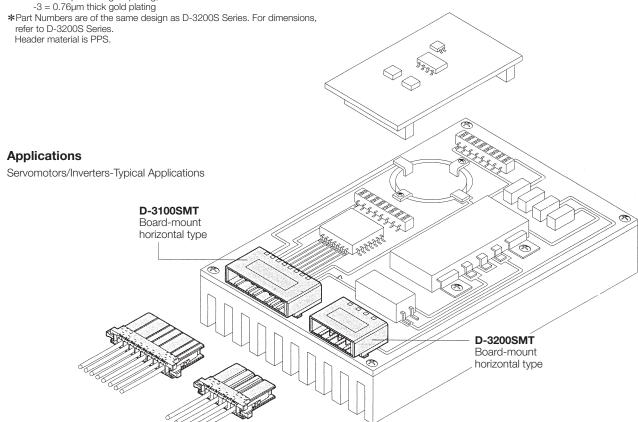
# Receptacle Housing (Horizontal Type)

Receptacle Contact·····For each line of contacts, refer to the appropriate page.

No. of Positions	Keying	Part Number of Receptacle Housing*	Part Number of Board-Mount Tab Header Horizontal Type
2	Χ	1-178128-2	
3	Χ	1-178128-3	1-917389-□
4	Χ	1-178128-4	
5	Χ	1-178128-5	
6	Χ	1-178128-6	

Note: Enter the following plating codes in Part Number suffix
Gold plating only for SMT Type.

-2 = 0.38µm thick gold plating,



60

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Dimensions are in millimeters unless otherwise specified.

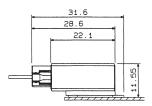
Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-1106-0803



D-3200S SMT Type (Continued)

## **Mating Dimensions**

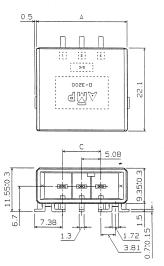


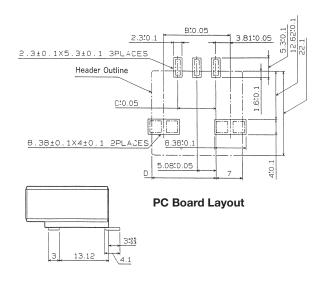
**Horizontal Type** 

# External Dimensions Board-mount Tab Header (Horizontal Type)

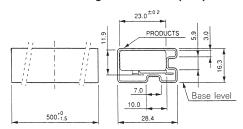
Mating Receptacle Housing Part Number: 1-178128-3







#### **Tube Package Dimensions (Ref.)**



No. of	Part Number of	Dimensions				
Pos.	Tab Header	Α	В	С	D	
3	1-917389-□	24.16	17.78	10.16	17.16	



#### D-3200M — Modular Type

**Appearance** 

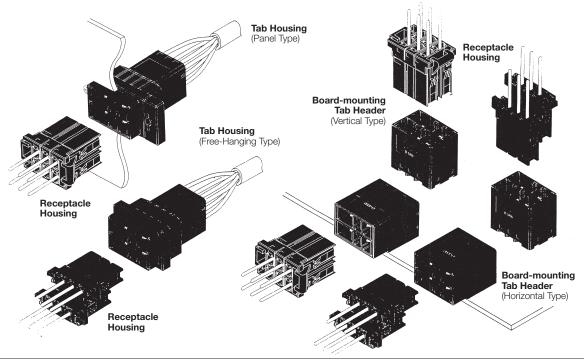
Connectors can be used in modular configurations in combination with D-3200S. Ideally suited for allocation of power circuits.

Board mounting pitch: Horizontal Type 200 x 200 mils (5.08 x 5.08 mm)

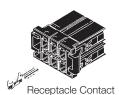
Vertical Type 200 x 300 mils (5.08 x 7.62 mm)

Dielectric Withstanding Voltage: 2,200 V (for one minute)

Voltage Rating: 600 V (per connector)



Receptacle Housing Tab Housing Board-mounting Tab Header



(Panel Type)







Part Number Chart

Tab Contact·····For each line of contacts, refer to the appropriate page.

No. of	17	Receptacle	Ta	ab Housing*		Board-Mountin	g Tab Header*
Pos.	Keying	Housing	Panel Type	Free-Hanging Type	L Fitting	Horizontal Type	Vertical Type
	XX	1-178129-6	1-179555-3	1-179554-3	S	1-178139-🗆	1-178140-🗆
	YY	2-178129-6	2-179555-3	2-179554-3	S	2-178139-🗆	2-178140-🗖
6	XY	3-178129-6	3-179555-3	3-179554-3	S	3-178139-□	3-178140-□
	ZZ	_	_	_	S	5-178139-5**	_
	ZX	_	_	_	S	6-178139-5**	_
	XX	1-917659-5	_	_	_	1-316080-🗆	1-917657-🗖
10	YY	2-917659-5	_	_	_	2-316080-🗆	2-917657-
	XY	3-917659-5	_	_	_	3-316080-□	3-917657-□
	XX	1-917659-6	1-179555-6	1-179554-6	_	1-316081	1-917658-🗆
12	YY	2-917659-6	2-179555-6	2-179554-6	_	2-316081	2-917658-🗆
	XY	3-917659-6	3-179555-6	3-179554-6	_	3-316081-□	3-917658-□
20	XX	1-917659-8	1-179555-8	_	_	_	_

Note: Enter the following plating codes in -□ after Part Numbers: -2 = 0.38µm thick gold plating, -3 = 0.76µm thick gold plating, -5 = Tin plating \*Can also be used in Drawer connector in combination with D-3200M Drawer Type.

\*\*Receptacle shall be used in combination of X keying and Z keying of 3 pos. D-3200S.

Catalog 1242132 Revised 5-07

Dimensions are in millimeters unless otherwise specified.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-1106-0803

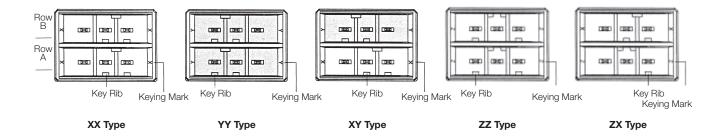


## D-3200M — Modular Type

(Continued)

#### Keying

This product (D-3200M) is provided with keying to help prevent mismating of the connector halves. Keying is available in three types –XX Type, YY Type and XY Type. (Shown below is the mating surface of Tab Header.) ZZ type and ZX type keying are also available for 6 pos.



## **Table of Mating Combinations**

Receptacle	Housing		Tab Ho	using	Board-mo Tab He	
1 Row 3 Positions	X Type		1 Row, (D-3200S) Panel Type	X Type Panel Type Free-Hanging	1 Row, (D-3200S) Horizontal Type	X Type Horizontal Type
(D-3200S)		-	* Free-Hanging Type	Type Y Type	* Vertical Type	Vertical Type Y Type
*	Ү Туре		****	Panel Type Free-Hanging Type		Horizontal Type Vertical Type
	NOV To a se		2 Rows	XX Type Panel Type	2 Rows	XX Type Horizontal
2 Rows 6 Positions	XX Type		Panel Type	Free-Hanging Type	Horizontal Type	Type Vertical Type
o Positions	YY Type		4	YY Type Panel Type Free-Hanging		YY Type Horizontal Type
ASS In		-	Free-Hanging Type	Туре	Vertical Type	Vertical Type
	ХҮ Туре			XY Type Panel Type Free-Hanging Type		XY Type Horizontal Type  Vertical Type

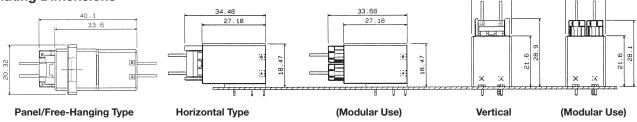
The housing with asterisk (\*) same as D-3200S Series.



## D-3200M — Modular Type

(Continued)

## **Mating Dimensions**



# External Dimensions Receptacle Housing



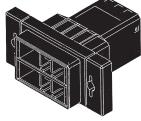
# Mating Receptacle Housing Part Number:

5.08	
Circuit #1	
A	14.77
	(6) (8)
[30A]] [XX	
ا ا الله الله الله الله الله الله الله	
 2.8	11 41 11 41
 16	
B Keying Mark	(6.55)
Reynig Mark	
	B Row A Row

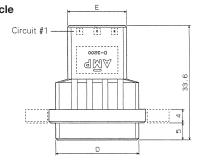
No. of	Part Number	Dimer	nsions	
Pos.	Part Number	Α	В	
6	□-178129-6	27.3	19.24	
10	□-917659-5	37.46	29.4	
12	□-917659-6	42.54	34.48	
20	□-917659-8	62.86	54.8	

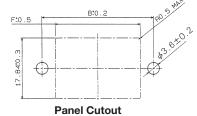
#### **Tab Housing**

## Panel Type

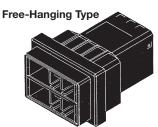


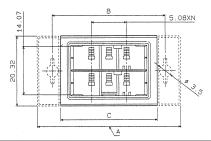
Mating Receptacle Housing Part Number: □-178129-□ □-917659-□

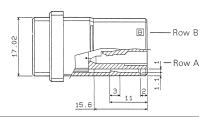




When mounting panel from the front, apply clamping torque of less than 49N [11 lbf].







No. of	Part Number		Part Number Dimensions					
Pos.	Panel Type	Free-Hanging Type	Α	В	С	D	Е	F
6	□-179555-3	□-179554-3	41.91	33	28.11	24.16	17.16	25
12	□-179555-6	□-179554-6	57.91	49	43.35	39.4	32.4	41
20	□-179555-8	_	78.23	70	_	59.72	52.72	61

Catalog 1242132 Revised 5-07

Dimensions are in millimeters unless otherwise specified.

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USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-1106-0803



## D-3200M — Modular Type

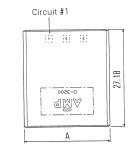
(Continued)

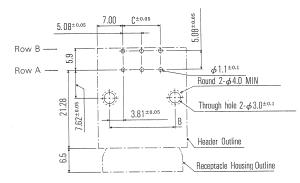
#### **Board-mounting Tab Header (Horizontal Type)**

**Mating Receptacle Housing** Part Number:

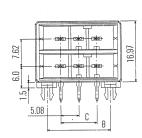
□-178129-□

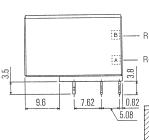
□-917659-□











**PC Board Layout** Acceptable Board Thickness: 1.6-2.4±0.1 Row B **Tube Package Dimensions (Ref.)** 

0.82		28.2
18		19.5
	500:0	8.3 Base level  12.2 Level  26.2.0.1 26.2.0.3

No. of	Part Number	Dimensions			
Pos.	Fart Number	Α	В	С	
6	□-178139-□	24.16	17.78	10.16	
10	□-316080-□	34.32	27.94	20.32	
12	□-316081-□	39.4	33.02	25.4	

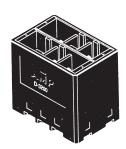
#### **Board-mounting Tab Header (Vertical Type)**

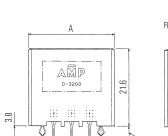
**Mating Receptacle Housing Part Number:** 

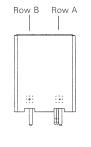
□-178129-□

□-917659-□









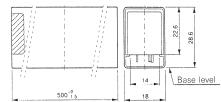
Row A

Row B

16.97

**PC Board Layout** Acceptable Board Thickness: 1.6-2.4±0.1

## **Tube Package Dimensions (Ref.)**



No. of Part Number			Dimensions	sions	
Pos.	Part Number	Α	В	С	
6	□-178140-□	24.16	16.51	10.16	
10	□-917657-□	34.32	26.67	20.32	
12	□-917658-□	39.4	31.75	25.4	

5.08

Catalog 1242132 Revised 5-07

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Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-1106-0803

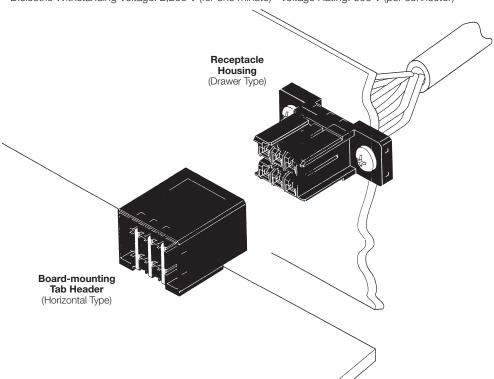


## D-3200M — Drawer Type

**Appearance** Board mounting pitch: Horizontal Type 200 x 200 mils (5.08 x 5.08 mm)

Vertical Type 200 x 300 mils (5.08 x 7.62 mm)

Dielectric Withstanding Voltage: 2,200 V (for one minute) Voltage Rating: 600 V (per connector)



**Receptacle Housing** (Drawer Type)

**Tab Housing** 

(Free-hanging Type)

(Horizontal Type)

(Vertical Type)

**Board-mounting Tab Header** 





(Panel Type)







#### **Part Number Chart**

No. of Pos. Keying		Receptacle Housing	Tab Housing*		Board-mounting Tab Header*	
		(Drawer Type)	Panel Type	Free-Hanging Type	Horizontal Type	Vertical Type
	XX	1-917266-3	1-179555-3	1-179554-3	1-178139-□	1-178140-□
6	YY	_	2-179555-3	2-179554-3	2-178139-□	2-178140-□
	XY	_	3-179555-3	3-179554-3	3-178139-□	3-178140-□

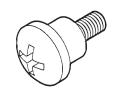
Note: Enter the following plating codes in -□ after Part Numbers: -2 = 0.38µm thick gold plating, -3 = 0.76µm thick gold plating,

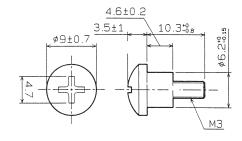
-5 = Tin plating

### **Panel Mounting Screw**

**Part Number** 

900167-1





66

Catalog 1242132 Revised 5-07

Dimensions are in millimeters unless otherwise specified.

Dimensions are shown for reference purposes only. Specifications subject to change.

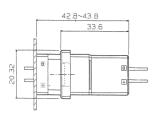
USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-1106-0803

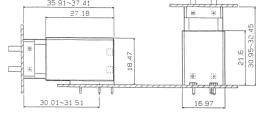


## D-3200M — Drawer Type

(Continued)

#### **Mating Dimensions**





Panel/Free-Hanging Type

Horizontal/Vertical Type

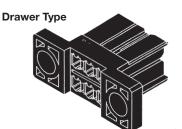
Circuit Number 1

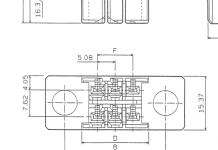
Row Number

## **External Dimensions Receptacle Housing**

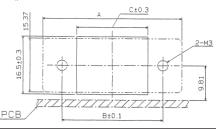
#### **Mating Tab Connector** Part Number:

- □-179555-□
- □-179554-□
- □-178139-□
- □-178140-□





Æ



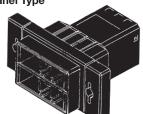
No. of	Part Number	Dimensions					
Pos.	Part Number	Α	В	С	D	E	F
6	□-917266-3	40	29	20.5	19.24	14.76	10.16

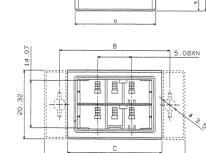
## **Tab Housing**

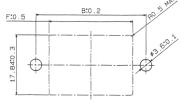
#### **Mating Receptacle Housing** Part Number: Circuit Number 1

□-917266-□

#### **Panel Type**

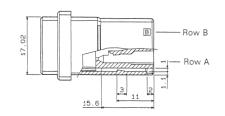






#### **Panel Cutout**

When mounting panel from the front, apply clamping torque of less than 49N [11 lbf].



No. of	No. of Part Number		Dimensions					
Pos.	Panel Type	Free-hanging Type	Α	В	С	D	Е	F
6	□-179555-3	□-179554-3	41.91	33	28.11	24.16	17.16	25

A

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Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-1106-0803 South America: 55-11-2103-6000 Hong Kong: 852-2735-1628 Japan: 81-44-844-8013 UK: 44-8706-080-208

Free-hanging Type



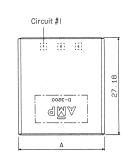
## D-3200M — Drawer Type

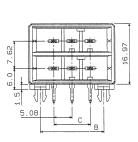
(Continued)

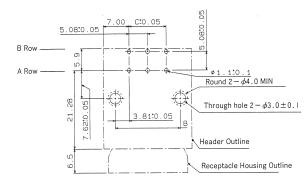
#### **Board-mounting Tab Header (Horizontal Type)**

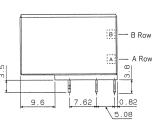
Mating Receptacle Housing Part Number:
□-917266-□











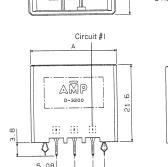
PC Board Layout
Applicable Board Thickness:
1.6-2.4±0.1

No. of Part Number		Dimensions			
Pos.	Part Number	Α	В	С	
6	□-178139-□	24.16	17.78	10.16	

#### **Board-mounting Tab Header (Vertical Type)**

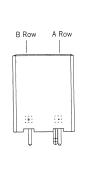
Mating Receptacle Housing Part Number: □-917266-□

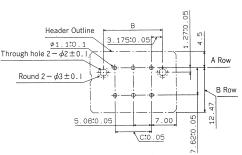




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16.





**PC Board Layout**Applicable Board Thickness: 1.6-2.4±0.1

No. of	Part Number	Dimensions			
Pos.	Part Number	Α	В	С	
6	□-178140-□	24.16	16.51	10.16	

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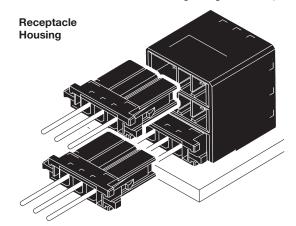


## D-3200T — 3-Row Type

#### **Appearance**

Board-mounting pitch: Horizontal Type 200 x 200mils (5.08 x 5.08mm)

Dielectric Withstanding Voltage: 2,200 V (for one minute) Voltage Rating: 600 V (per connector)



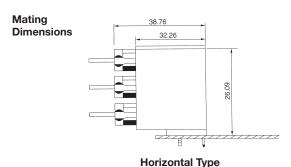
#### **Part Number Chart**

No. of	Keying	Board-mounting Tab Header
Pos.	Keying	Horizontal Type
	XXX	1-1123624-□
9	XXY	3-1123624-□
9	YYX	4-1123624-□
	XYX	5-1123624-□

Note: Enter following plating codes in-□ after Part Numbers:

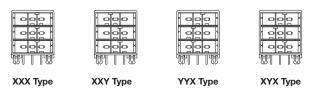
-2: 0.38µm thick gold plating

-5 : Tin plating

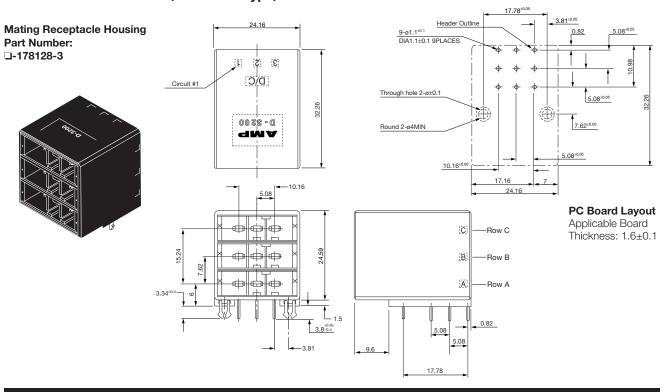


#### **Keying**

This product (D-3200T) is provided with keying to help prevent mismating of the connector halves. Keying is available in four types-XXX Type, XXY Type, YYX Type and XYX Type. (Shown below is the mating surface of Tab Header.)



#### **Board-mount Tab Header (Horizontal Type)**



Catalog 1242132 Revised 5-07 Dimensions are in millimeters unless otherwise specified.

Dimensions are shown for reference purposes only. Specifications subject to change.

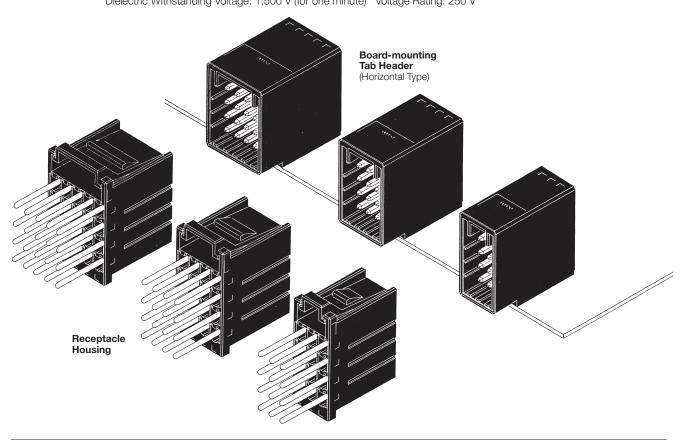
USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-1106-0803



## D-3400F — Skyscraper **Connectors**

**Appearance** 

Board-mounting width reduced through increased heights. Compatible with increased I/Os. Board-mounting pitch: Horizontal Type 150 x 150 mils (3.81 x 3.81 mm)
Dielectric Withstanding Voltage: 1,500 V (for one minute) Voltage Rating: 250 V



#### **Receptacle Housing**

#### **Board-mounting Tab Header**

#### (Horizontal Type)





#### **Part Number Chart**

No. of Pos.	Receptacle Housing	Board-mounting Tab Header (Horizontal Type)
12	178214-1	178216-□
16	_	_
20	917249-1	917251-□

Note: Enter the following plating codes in - after Part Numbers: -2 = 0.38µm thick gold plating, -3 = 0.76µm thick gold plating,

-5 = Tin plating

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Dimensions are in millimeters unless otherwise specified.

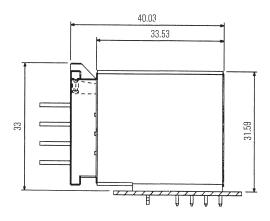
Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-1106-0803



D-3400F — Skyscraper Connectors (Continued)

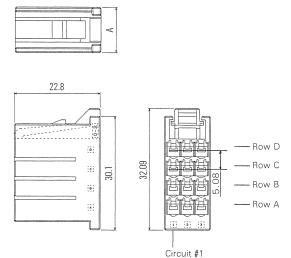
## **Mating Dimensions**



**Horizontal Type** 

## **Receptacle Housing**



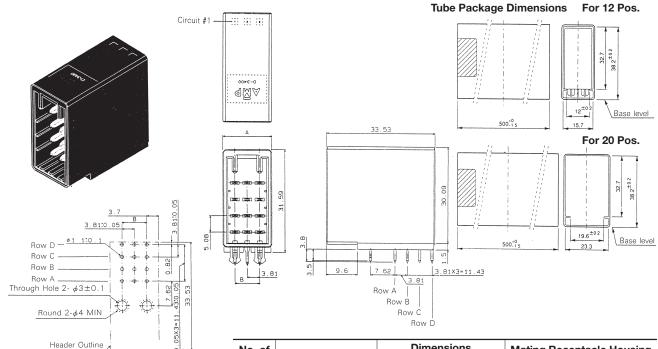


No. of Pos.	Part Number	Dimensions A	Mating Tab Header Part Number
12	178214-1	12.22	178216-□
16	<u> </u>	_	_
20	917249-1	19.84	917251-□



# D-3400F — Skyscraper Connectors (Continued)

#### **Board-mounting Tab Header (Horizontal Type)**



PC Board Layout Acceptable Board Thickness: 1.6-2.4±0.1

No. of	No. of Part Number		nsions	Mating Receptacle Housing
Pos.	Part Number	Α	В	Part Number
12	178216-□	15.02	7.62	178214-1
16	_	_	_	_
20	917251-□	22.64	15.24	917249-1

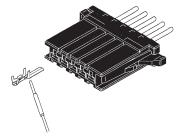
#### **Testing Advice**

Receptacle Housing Outline

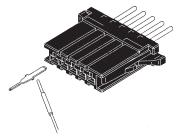
There are two major causes for faulty contact of the connector. They are:

- (1) Scooping of contacts at mating/unmating
  - With this Dynamic Series, each connector is designed to protect contacts against scooping very effectively.
- (2) Widening of contact gap by forcing tester bar, etc., into receptacle contacts when making continuity check.
  - Test bars that are commercially available (2 mm) cannot be pushed in from the entry
    port of housing. Never do continuity check by inserting clips, etc. Failure may also be
    caused by mis-insertion of the extraction tool. Be careful when you use the tool.

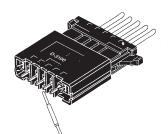
## (Recommended methods of continuity check)



① Utilize tab contacts.



② Extract contacts from Boardmounting Vertical Type connector and insert them for testing.



③ The best method is to use Board-mounting Vertical type connector.

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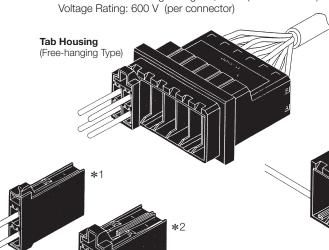




**Receptacle Housing** 

Ideally suited for sensors used in robotics and machine tools. Also used for power distribution.

Board mounting pitch: 200 x 200 mils (5.08 x 5.08 mm) Dielectric Withstanding Voltage: 2,200 V (for one minute)



**Board-mounting** Tab Header (Horizontal Type)



 Up to six 2-position receptacle housings marked \*1 can be inserted into a 12-position tab housing and header and up to 10 2-position receptacle housings with \*1 mark can be inserted into a 20-position tab housing and header. Up to three 4-position receptacle housings marked \*2 can be inserted into a 12-position tab housing and up to 5 4-position receptacle housings with \*2 mark can be inserted into a 20-position tab housing.

Up to two 6-position receptacle housings marked \*3 can be inserted into a 12-position tab housing and up to 3 6-position receptacle housings with \*3 mark can be inserted into a 20-position tab housing.

It is possible to use 2-pos. and 4-pos. receptacle housings mixed.

# **Receptacle Housing Tab Housing Board-mounting Tab Header** (Panel Type) (Free-hanging Type) (Horizontal Type) (Vertical Type)

No. of	Receptacle	Tab Housing		L	Board-mounting Tab Header		
Pos.	Housing	Panel Type	Free-hanging Type	Fitting	Horizontal Type	Vertical Type	
2	175362-□	_	_	_	_	_	
4	175363-□	_	_	_	1376133-□	_	
6	1318095-□	_	_	_	_	_	
12	_	□-917241-6	□-917242-6	S	177555-□	316516-□	
20	_	□-917241-8	□-917242-8	S	175365-□	316517-□	

Note: In the 🗖 after Part Numbers of PC board mount tab headers, please enter the following plating code numbers:

-5 = Tin plating

The codes for the  $\ \square$  after receptacle housing part numbers and before tab housing part numbers, please refer to the next page.

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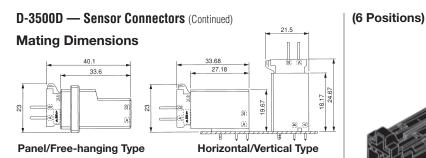
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Dimensions are shown for reference purposes only. Specifications subject to change.

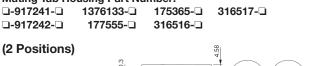
USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-1106-0803

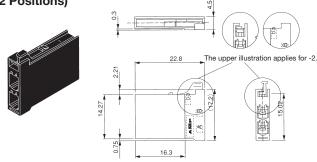




#### **Receptacle Housing**

**Mating Tab Housing Part Number:** 





No. of Pos.	Part Number	The illustrations show -1 type. (-2 type does not have the locking lever.)
0	175362-1	( 2 type deed not have the leading level)
2	175362-2	-

	01 11
No. of Pos.	Part Number
4	175363-1
	175363-2

75

(4 Positions)

No. of Pos.

6

**Part Number** 1318095-1

1318095-2 (without a key)

#### **Tab Housing** Circuit #1 The space for 3-type $\Delta$ mark. [8] īe] 10 **Mating Receptacle Panel Type** Housing Part Number: 175362-□ 19.2±0.3 175363-1318095-1 2 3 4 5 6 The location of $\nabla$ Free-Hanging Type

D	Panel Cutout
∇ mark of 3-type.  B  5.08XN	When mounting panel from the front, apply clamping torque of less than 49N [11 lbf].
812 	B Row A Row 15.6

No. of	Part N	lumber		Dimensions					
Pos.	Panel Type	Free-Hanging Type	Α	В	С	D	E	F	G
10	917241-6	917242-6	F0	40	06.40	32.48	32.48	33.4	15.04
12	3-917241-6	3-917242-6	52	43   36.43	32.40	32.46	33.4	15.24	
	917241-8	917242-8	70	63	56.75	52.8	52.8	53.8	35.56
20	3-917241-8	3-917242-8	72						

★3- type has ∇ mark on top of the circuit No.1 in order to enhance visibility.

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Dimensions are in millimeters unless otherwise specified.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-1106-0803 South America: 55-11-2103-6000 Hong Kong: 852-2735-1628 Japan: 81-44-844-8013 UK: 44-8706-080-208

<sup>\*-2</sup> type has no locking lever in order not to hinder the adjacent receptacle when removing the receptacle. When removing -2 type receptacle, please use a screwdriver.



D-3500D — Sensor **Connectors** (Continued)

## **Board-mounting Tab Header (Horizontal Type)**

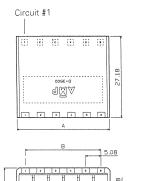
## **Mating Receptacle Housing**

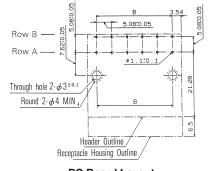
Part Number:

175362-□ 175363-□

1318095-







**PC Board Layout** Acceptable Board Thickness: .4±0.1

			*****	1.6-2.
v=1			(0)	Row B
3.34			10)	m Row A
	9.6	7.62	1	0.82 5.08

No. of	5	Dimensions		
Pos.	Part Number	Α	В	
4	1376133-□	12.16	5.08	
12	177555-□	32.48	25.4	
20	175365-□	52.8	45.72	

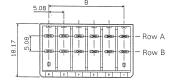
#### **Board-mounting Tab Header (Vertical Type)**

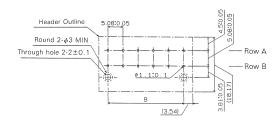
#### **Mating Receptacle Housing** Part Number:

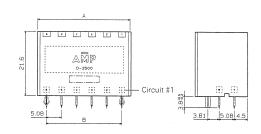
175362-□

175363-□

1318095-□







**PC Board Layout** Acceptable Board Thickness: 1.6-2.4±0.1

#### **Tube Package Dimensions (Ref.)**

15.2 Base level	500*0	Base level
-----------------	-------	------------

No. of	Part Number	Dimensions		
Pos.	Part Number	Α	В	
12	316516-□	32.48	25.4	
20	316517-□	52.8	45.72	

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Dimensions are shown for reference purposes only. Specifications subject to change.

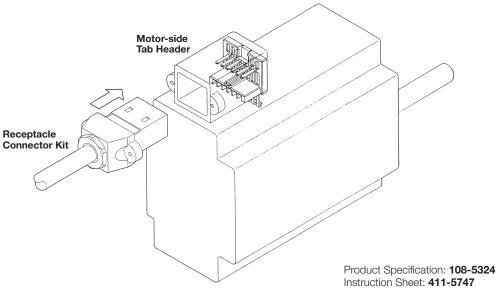
USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-1106-0803



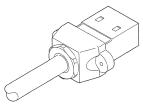
D-3700 — Connectors for Exclusive Use with Servomotor

**Appearance** 

Dielectric Withstanding Voltage: 1,500 V (for one minute) Voltage Rating: 250 V

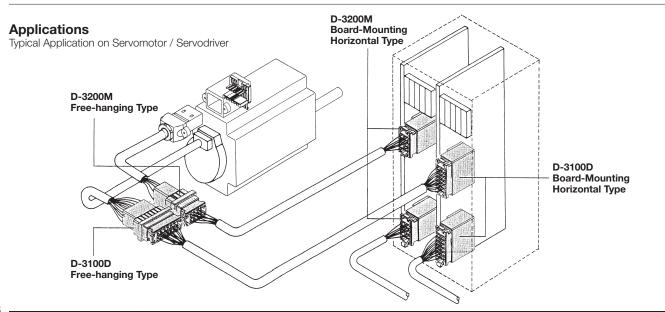


#### **Receptacle Connector Kit**



#### **Part Number Chart**

i ait itali	ibei Oliait		
No. of Pos.	W/O Contact	Contact (P/N 1-175218-2) including 6 contacts	Remarks
0	176346-7	176346-8	Products with TÜV
6	1-176346-7	1-176346-8	_



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Catalog 1242132 Revised 5-07

Dimensions are in millimeters unless otherwise specified.

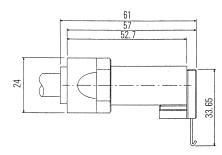
Dimensions are shown for reference purposes only. Specifications subject to change.

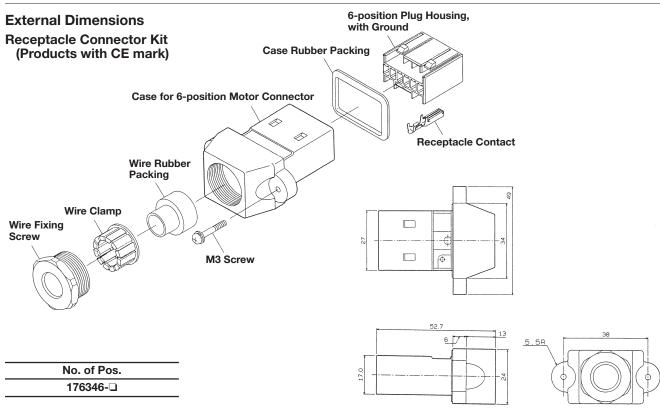
USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 01-800-733-8926 C. America: 52-55-1106-0803



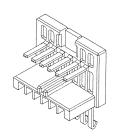
D-3700 — Connectors for Exclusive Use with Servomotor (Continued)

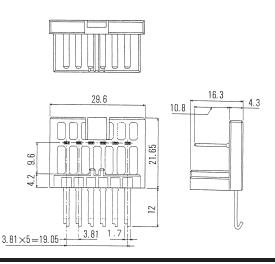
## **Mating Dimensions**





# Motor-side Tab Header (Offered for limited usage)





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