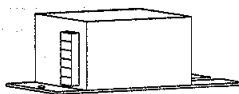


Power Supply Fixture

Power Supply Fixture reference chart

Series name	Model name	Type A	Type B	Type L	DIN rail
EWS	EWS15	A - 01	B - 01	L - 01	L - DIN30
	EWS25	A - 02	B - 02	L - 02	L - DIN30
	EWS50	A - 03	B - 03	L6007	L - DIN50/75
	EWS100	—	—	L6014	—
	EWS150	—	—	L6014	—
	EWS300	—	—	—	—
	EWS600	—	—	—	—
	EWS1500	—	—	—	—
	EWS3000	—	—	—	—
	EWS5000	—	—	—	—
HK	HK10A	—	—	—	L - DIN30
	HK15A	—	—	—	L - DIN30
	HK25A	—	—	L6008	L - DIN30
	HK50A	—	—	L6008	L - DIN30
	HK100A	—	—	L6009A	—
	HK150A	—	—	L6010	—
JWS	JWS50	A - 21	—	L - 09	L - DIN50/75
	JWS75	A - 22	—	L - 10	L - DIN50/75
	JWS100	A - 23	—	L - 11	L - DIN100/150
	JWS150	A - 24	—	L - 12	L - DIN100/150
	JWS300	—	—	—	—
	JWS600	—	—	—	—
	JWS70P	A - 23	—	L - 11	L - DIN100/150
	JWS120P	A - 24	—	L - 12	L - DIN100/150
	JWS240P	—	—	—	—
	JWS480P	—	—	—	—
MS	MS - 9	—	—	—	—
	MS - 10	A - 12	—	L - 03	—
	MS - 11	A - 13	—	L - 04	—
	MS - 12	A - 14	—	L - 05	—
	MS300	—	—	—	—
RWS	RWS15A	—	B - 01	L - 01	L - DIN30
	RWS30A	—	B - 02	L - 02	L - DIN30
	RWS200A	—	—	—	—
	RWS300A	—	—	—	—
	RWS450A	—	—	—	—
JWT	JWT75	—	—	—	L - DIN100/150
	JWT100	—	—	—	L - DIN100/150

Power Supply Fixture



Type A

LAMBDA
DENSEI-LAMBDA

Model	Applicable power supply	Outline Drawing and Mounting Method (unit:mm)
A-01	EWS15	Material=Aluminum (t=1.6mm)
A-02	EWS25	Material=Aluminum (t=1.6mm)
A-03	EWS50	Material=Aluminum (t=1.6mm)
A-12	MS-10	Material=Iron (t=2.0mm)

Please contact us for the details, if any.

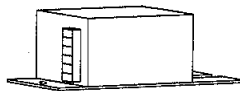
Option

LAMBDA 
DENSEI-LAMBDA

Please contact us for the details,if any.

200

Power Supply Fixture



Type A

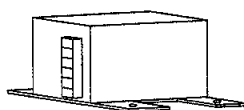
LAMBDA
DENSEI-LAMBDA

Model	Applicable power supply	Outline Drawing and Mounting Method (unit:mm)
A-22	JWS75	Material=Iron (t=2.0mm)
A-23	JWS100 JWS70P	Material=Iron (t=2.0mm)
A-24	JWS150 JWS120P	Material=Iron (t=2.0mm)

Please contact us for the details, if any.

Option

Power Supply Fixture



Type B

LAMBDA
DENSEI-LAMBDA

Model	Applicable power supply	Outline Drawing and Mounting Method (unit:mm)
B-01	EWS15 RWS15A	Material=Aluminum (t=1.6mm)
B-02	EWS25 RWS30A	Material=Aluminum (t=1.6mm)
B-03	EWS50 RWS15A	Material=Aluminum (t=1.6mm)

Please contact us for the details,if any.

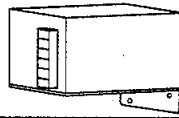
Option

LAMBDA 
DENSEI-LAMBDA

Option

203

Power Supply Fixture



Type L

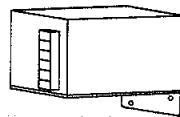
LAMBDA
DENSEI-LAMBDA

Model	Applicable power supply	Outline Drawing and Mounting Method (unit:mm)
L-05	MS-12	Material=Iron (t=2.0mm)
L-09	JWS50 RWS50A	Material=Iron (t=1.6mm)
L-10	JWS75	Material=Iron (t=1.6mm)

Option

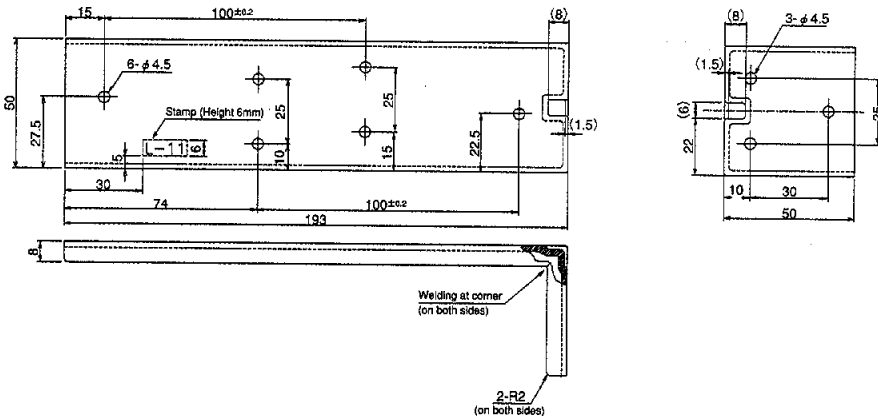
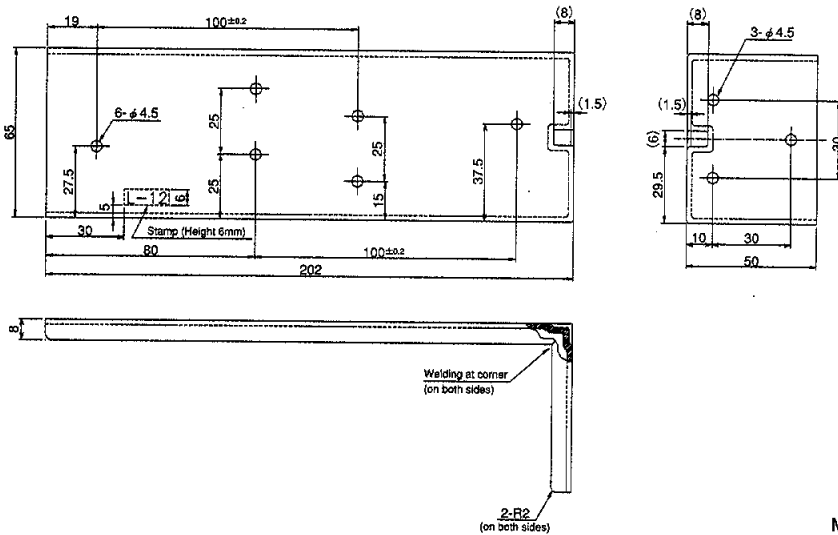
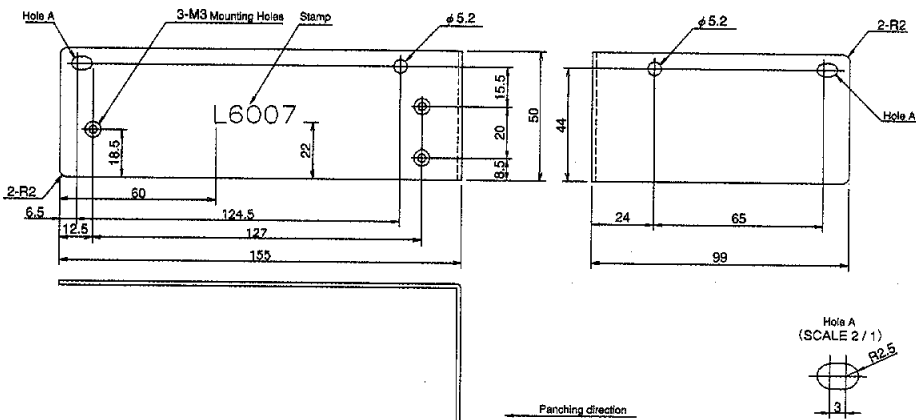
Please contact us for the details,if any.

Power Supply Fixture



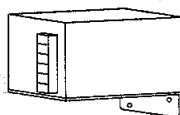
Type L

LAMBDA 
DENSEI-LAMBDA

Model	Applicable power supply	Outline Drawing and Mounting Method (unit:mm)
L-11	JWS100 JWS70P	 Material=Iron (t=2.0mm)
L-12	JWS150 JWS120P	 Material=Iron (t=2.0mm)
L-6007	EWS50	 Material=Iron (t=1.6mm)

Please contact us for the details, if any.

Power Supply Fixture



Type L

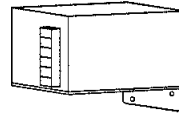
LAMBDA
DENSEI-LAMBDA

Model	Applicable power supply	Outline Drawing and Mounting Method (unit:mm)
L-6008	HK25A HK50A	Material=Iron (t=2.0mm)
L-6009A	HK100A	Material=Iron (t=1.6mm)
L-6010	HK150A	Material=Iron (t=2.0mm)

Please contact us for the details,if any.

Option

Power Supply Fixture



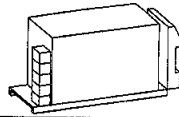
Type L

LAMBDA
DENSEI-LAMBDA

Model	Applicable power supply	Outline Drawing and Mounting Method (unit:mm)
L-6014	EWS100 EWS150	Material=Iron (t=2.0mm)

Please contact us for the details,if any.

Power Supply Fixture



DIN Rail

LAMBDA
DENSEI-LAMBDA

Model	Applicable power supply	Outline Drawing and Mounting Method (unit:mm)
L-DIN30	EWS15 EWS25 HK10A HK15A HK25A HK50A RWS15A RWS30A	1~7, L-DIN30: Stamp (Height 4mm) Dimension 2.6...3.5X15 3.7...3.5X6 (1.4, 5...3.5) Corners without indication to be 2R Material=Iron(t=1.6mm) Treatment=Zinc coating
L-DIN50/75	EWS50 JWS50 JWS75	Material=Iron(t=1.6mm) Treatment=Zinc coating
L-DIN 100/150	JWS100 JWS150 JWS70P JWS120P JWT75 JWT100	Material=Iron(t=1.6mm) Treatment=Zinc coating

Option

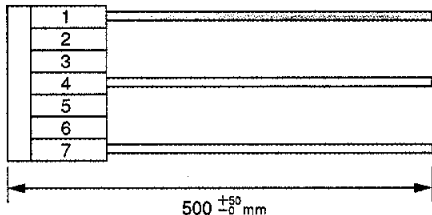
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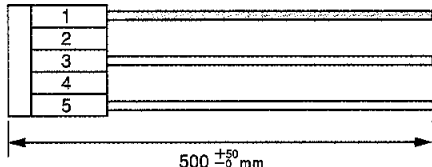
Wire harness

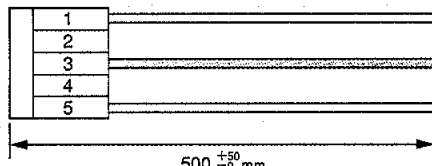
Wire harness reference chart

Series	Model	Input harness	Output harness
VS Series	VS10C	HA-1-IN	HA-1-OU
	VS15C	HA-1-IN	HA-2-OU
	VS30C	HA-2-IN	HA-3-OU
	VS50B	HA-2-IN	HA-3-OU
	VS75B	HA-2-IN	HA-4-OU
	VS100B	HA-2-IN	HA-5-OU
	VS150B	HA-2-IN	+ :HA-6-OU - :HA-7-OU
ZWS Series (J option)	ZWS5/J	HA-2-IN	HA-2-OU
	ZWS10/J	HA-2-IN	HA-2-OU
	ZWS15/J	HA-2-IN	HA-2-OU
	ZWS30/J	HA-2-IN	HA-3-OU
	ZWS50/J,ZWS50AF/J	HA-2-IN	HA-3-OU
	ZWS75PF/J,ZWS75AF/J	HA-2-IN	HA-4-OU
	ZWS100PF/J,ZWS100AF/J	HA-2-IN	HA-5-OU
	ZWS120PPF	HA-2-IN	HA-3-OU
	ZWS150PF/J,ZWS150AF/J	HA-2-IN	+ :HA-6-OU - :HA-7-OU
ZWQ Series	ZWQ80	HA-2-IN	V1, V2, V3: HA-9-OU VA4: HA-10-OU
	ZWQ130	HA-2-IN	V1: HA-11-OU V2, V3: HA-12-OU V4: HA-13-OU

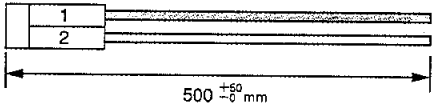
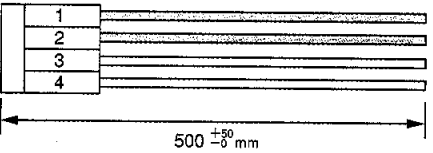
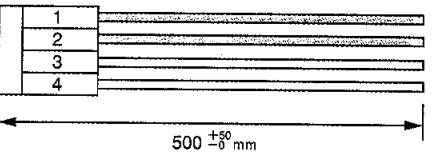
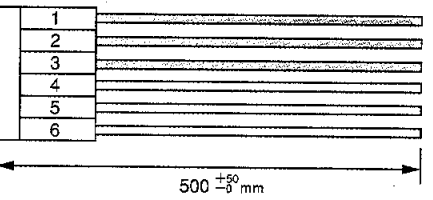
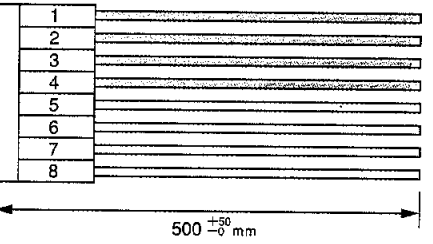
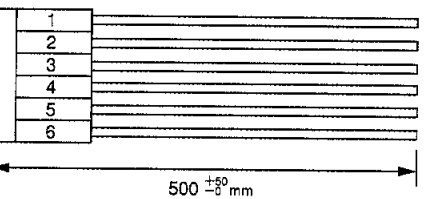
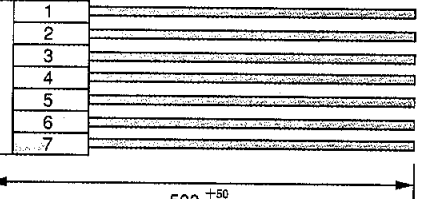
Wire harness at a glance

Model name	HA-1-IN		<table><tr><th>Connector pin No.</th><th>Material</th><th>AWG</th><th>Color</th></tr><tr><td>1</td><td>UL1007</td><td>22</td><td>Black</td></tr><tr><td>2,3</td><td colspan="3">Extra pin</td></tr><tr><td>4</td><td>UL1007</td><td>22</td><td>White</td></tr><tr><td>5,6</td><td colspan="3">Extra pin</td></tr><tr><td>7</td><td>UL1007</td><td>22</td><td>Green</td></tr></table>	Connector pin No.	Material	AWG	Color	1	UL1007	22	Black	2,3	Extra pin			4	UL1007	22	White	5,6	Extra pin			7	UL1007	22	Green
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2,3	Extra pin																										
4	UL1007	22	White																								
5,6	Extra pin																										
7	UL1007	22	Green																								
Housing	XHP-7																										
Contacter	SXH-001T-P0.6 (JST)																										

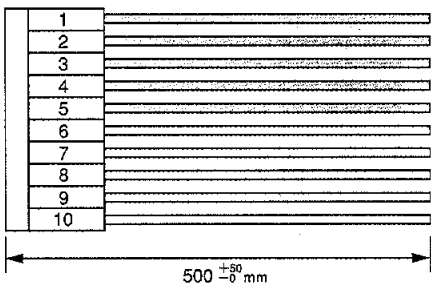
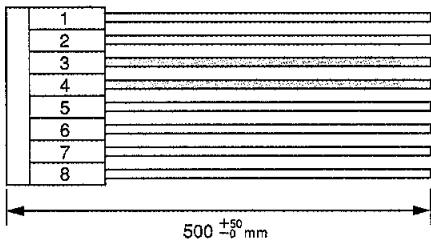
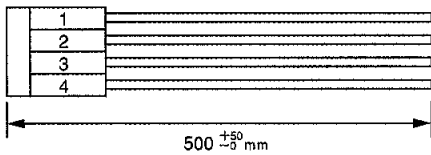
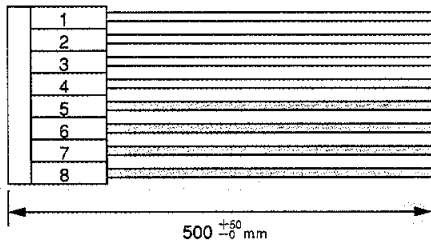
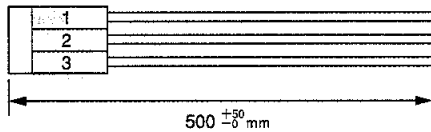
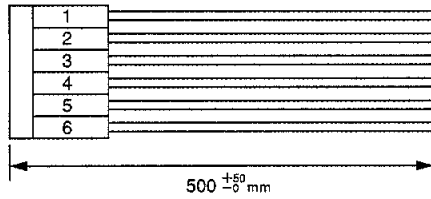
Model name	HA-2-IN		<table><tr><th>Connector pin No.</th><th>Material</th><th>AWG</th><th>Color</th></tr><tr><td>1</td><td>UL1015</td><td>18</td><td>Black</td></tr><tr><td>2</td><td colspan="3">Extra pin</td></tr><tr><td>3</td><td>UL1015</td><td>18</td><td>White</td></tr><tr><td>4</td><td colspan="3">Extra pin</td></tr><tr><td>5</td><td>UL1015</td><td>18</td><td>Green</td></tr></table>	Connector pin No.	Material	AWG	Color	1	UL1015	18	Black	2	Extra pin			3	UL1015	18	White	4	Extra pin			5	UL1015	18	Green
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2	Extra pin																										
3	UL1015	18	White																								
4	Extra pin																										
5	UL1015	18	Green																								
Housing	VHR-5N																										
Contacter	SVH-21T-P1.1 (JST)																										

Model name	HA-3-IN		<table><tr><th>Connector pin No.</th><th>Material</th><th>AWG</th><th>Color</th></tr><tr><td>1</td><td>UL1015</td><td>18</td><td>White</td></tr><tr><td>2</td><td colspan="3">Extra pin</td></tr><tr><td>3</td><td>UL1015</td><td>18</td><td>Black</td></tr><tr><td>4</td><td colspan="3">Extra pin</td></tr><tr><td>5</td><td>UL1015</td><td>18</td><td>Yellow/Green</td></tr></table>	Connector pin No.	Material	AWG	Color	1	UL1015	18	White	2	Extra pin			3	UL1015	18	Black	4	Extra pin			5	UL1015	18	Yellow/Green
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Housing	1-178128-5 1-175218-2 or 1-175218-3 (AMP)																										
Contacter																											

Wire harness

Model name	HA-1-OU																																						
Housing	XHP-2		<table border="1"> <thead> <tr> <th>Connector pin No.</th><th>Material</th><th>AWG</th><th>Color</th></tr> </thead> <tbody> <tr> <td>1</td><td>UL1007</td><td>22</td><td>Black</td></tr> <tr> <td>2</td><td>UL1007</td><td>22</td><td>Red</td></tr> </tbody> </table>	Connector pin No.	Material	AWG	Color	1	UL1007	22	Black	2	UL1007	22	Red																								
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Model name	HA-2-OU																																						
Housing	XHP-4		<table border="1"> <thead> <tr> <th>Connector pin No.</th><th>Material</th><th>AWG</th><th>Color</th></tr> </thead> <tbody> <tr> <td>1</td><td>UL1007</td><td>22</td><td>Black</td></tr> <tr> <td>2</td><td>UL1007</td><td>22</td><td>Black</td></tr> <tr> <td>3</td><td>UL1007</td><td>22</td><td>Red</td></tr> <tr> <td>4</td><td>UL1007</td><td>22</td><td>Red</td></tr> </tbody> </table>	Connector pin No.	Material	AWG	Color	1	UL1007	22	Black	2	UL1007	22	Black	3	UL1007	22	Red	4	UL1007	22	Red																
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Housing	VHR-4N		<table border="1"> <thead> <tr> <th>Connector pin No.</th><th>Material</th><th>AWG</th><th>Color</th></tr> </thead> <tbody> <tr> <td>1</td><td>UL1015</td><td>18</td><td>Black</td></tr> <tr> <td>2</td><td>UL1015</td><td>18</td><td>Black</td></tr> <tr> <td>3</td><td>UL1015</td><td>18</td><td>Red</td></tr> <tr> <td>4</td><td>UL1015</td><td>18</td><td>Red</td></tr> </tbody> </table>	Connector pin No.	Material	AWG	Color	1	UL1015	18	Black	2	UL1015	18	Black	3	UL1015	18	Red	4	UL1015	18	Red																
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Contacters	SVH-21T-P1.1 (JST)																																						
Model name	HA-4-OU																																						
Housing	VHR-6N		<table border="1"> <thead> <tr> <th>Connector pin No.</th><th>Material</th><th>AWG</th><th>Color</th></tr> </thead> <tbody> <tr> <td>1</td><td>UL1015</td><td>18</td><td>Black</td></tr> <tr> <td>2</td><td>UL1015</td><td>18</td><td>Black</td></tr> <tr> <td>3</td><td>UL1015</td><td>18</td><td>Black</td></tr> <tr> <td>4</td><td>UL1015</td><td>18</td><td>Red</td></tr> <tr> <td>5</td><td>UL1015</td><td>18</td><td>Red</td></tr> <tr> <td>6</td><td>UL1015</td><td>18</td><td>Red</td></tr> </tbody> </table>	Connector pin No.	Material	AWG	Color	1	UL1015	18	Black	2	UL1015	18	Black	3	UL1015	18	Black	4	UL1015	18	Red	5	UL1015	18	Red	6	UL1015	18	Red								
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Model name	HA-5-OU																																						
Housing	VHR-8N		<table border="1"> <thead> <tr> <th>Connector pin No.</th><th>Material</th><th>AWG</th><th>Color</th></tr> </thead> <tbody> <tr> <td>1</td><td>UL1015</td><td>18</td><td>Black</td></tr> <tr> <td>2</td><td>UL1015</td><td>18</td><td>Black</td></tr> <tr> <td>3</td><td>UL1015</td><td>18</td><td>Black</td></tr> <tr> <td>4</td><td>UL1015</td><td>18</td><td>Black</td></tr> <tr> <td>5</td><td>UL1015</td><td>18</td><td>Red</td></tr> <tr> <td>6</td><td>UL1015</td><td>18</td><td>Red</td></tr> <tr> <td>7</td><td>UL1015</td><td>18</td><td>Red</td></tr> <tr> <td>8</td><td>UL1015</td><td>18</td><td>Red</td></tr> </tbody> </table>	Connector pin No.	Material	AWG	Color	1	UL1015	18	Black	2	UL1015	18	Black	3	UL1015	18	Black	4	UL1015	18	Black	5	UL1015	18	Red	6	UL1015	18	Red	7	UL1015	18	Red	8	UL1015	18	Red
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Model name	HA-6-OU																																						
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Wire harness

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PH Series Heatsink

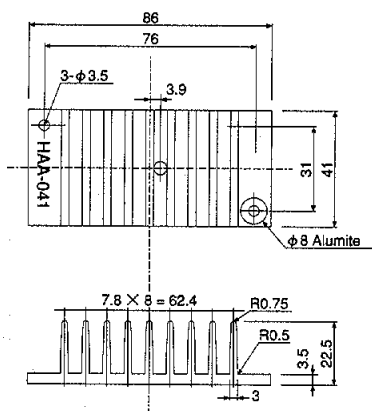
Reference chart

Model	Package type	Size (W·H·Dmm)	Heatsink	Thermal resistance
PH50S	T41	41×12.7×86	HAA-041	3.9°C/W
PH75S				
PH75F	T62	62×12.7×86	HAA-062	3.2°C/W
PH100S				
PH150S	T72	72×12.7×86	HAA-072	3.0°C/W
PH100F	T83	83×12.7×86	HAA-083	2.7°C/W
PH150F				
PH300S				
PH300F	T146	146×12.7×86	HAA-146	1.7°C/W
PH600S				

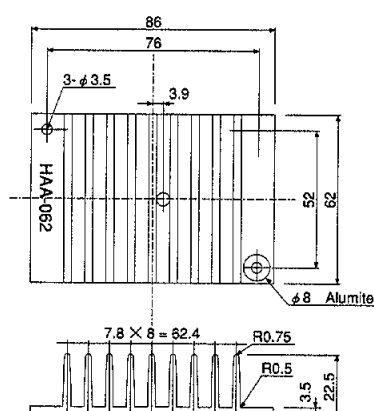
Outline drawing

Material=Aluminum(Black Alumite treatment)

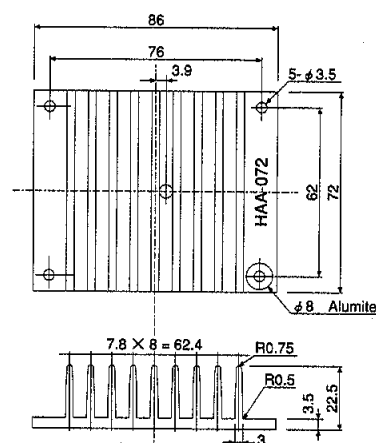
[HAA-041] for [T41]



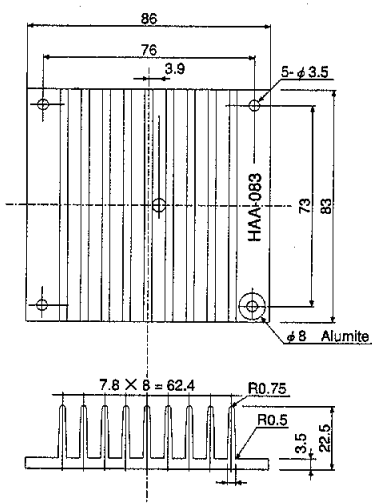
[HAA-062] for [T62]



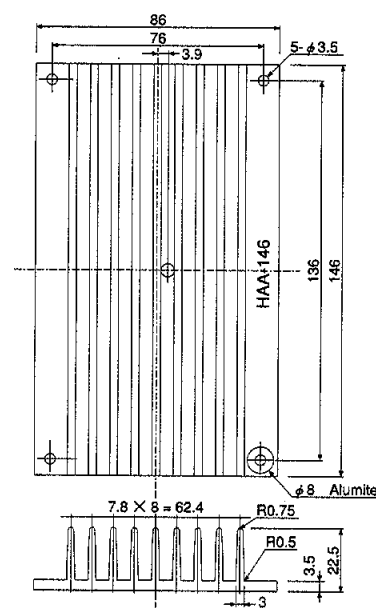
[HAA-072] for [T72]



[HAA-083] for [T83]



[HAA-146] for [T146]



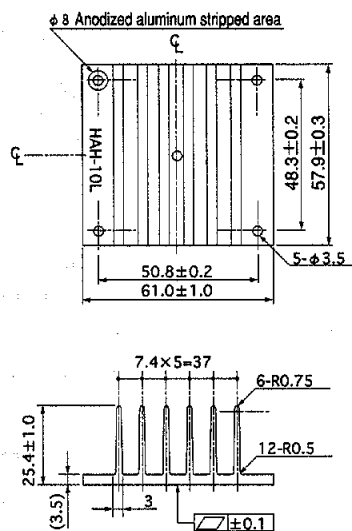
PAH-PAF Series Heatsink

Reference chart

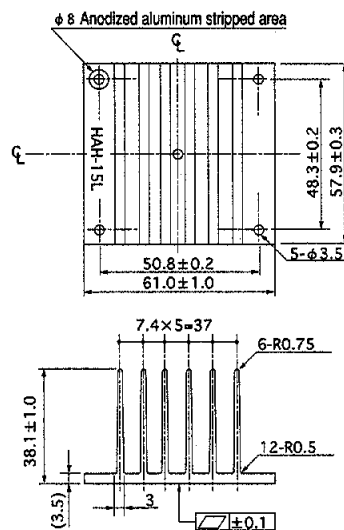
Model	Size (W-H-Dmm)	Heatsink	Thermal resistance
PAH Series	57.9X25.4X61	HAH-10L	4.6°C/W
	57.9X38.1X61	HAH-15L	3.4°C/W
	57.9X25.4X61	HAH-10T	4.5°C/W
PAF Series	116.8X25.4X61	HAF-10L	2.2°C/W
	116.8X38.1X61	HAF-15L	1.9°C/W
	116.8X38.1X61	HAF-15T	1.5°C/W

Outline drawing Material=Aluminum(Finished by black anodized aluminum)

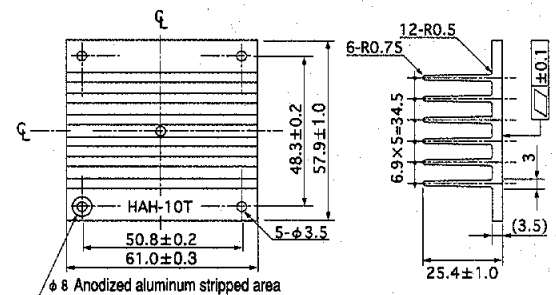
HAH-10L



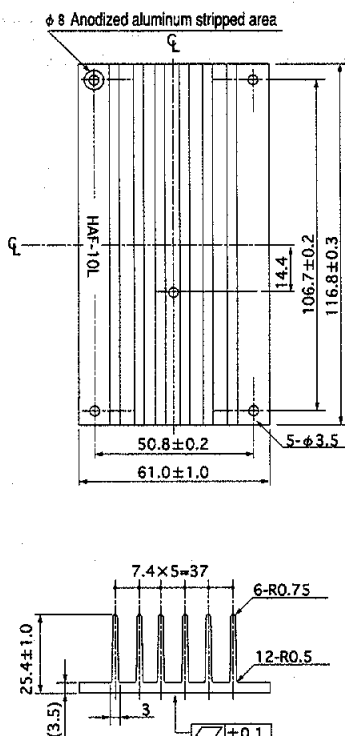
HAH-15L



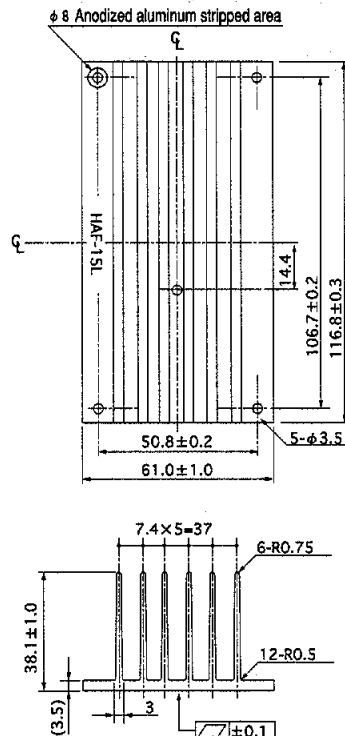
HAH-10T



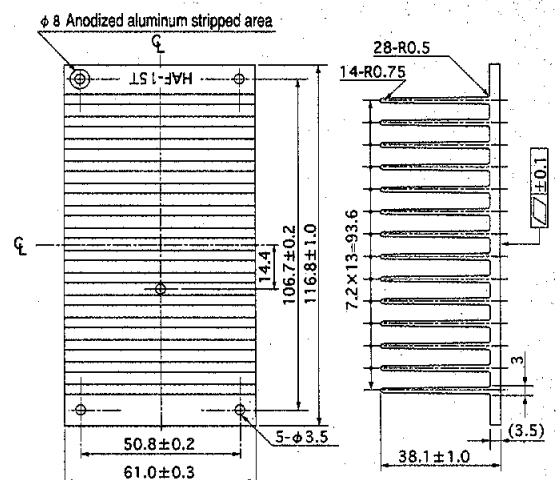
HAF-10L



HAF-15L



HAF-15T



Option

PAH-PAF Series Heatsink

■ Terminal Resistance Characteristics for HAH,HAF Series with Airflow

