



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Harness to use the function of the output module is prepared in ACE series.

ACE Series

Mating harness

Model	Harness model #	Contents
ACE series	H-SN-14	Harness for using AUX and PR alarm of CN1.
	H-SN-16	Harness for using all function of output modules. (CN2)
	H-SN-17	Harness for using all functions except remote sensing of the output modules. (CN2)
	H-SN-18	Harness for using remote ON/OFF of output module S, T, U.(CN2)

●Model number
H-SN-14

Housing : XHP-3 (J.S.T.)
Pin : SXH-001T-P0.6 (J.S.T.)
Weight : 10g max

●Type

●Wire

Pin #	Wire	AWG	Color	Length l (mm)
1	UL1007	22	black	500
2	UL1007	22	yellow	500
3	UL1007	22	red	500

●Model number
H-SN-16

Housing : PHDR-10VS (J.S.T.)
Pin : SPHD-002T-P0.5 (J.S.T.)
Weight : 8g max

●Type

●Wire

Pin #	Wire	AWG	Color	Length l (mm)
1	UL1061	28	yellow	500
2	UL1061	28	orange	500
3	-	-	-	-
4	-	-	-	-
5	UL1061	28	blue	500
6	UL1061	28	black	500
7	UL1061	28	red	500
8	UL1061	28	red	500
9	UL1061	28	black	500
10	UL1061	28	black	500

* The even number pin side of the connector is the same wiring as the odd number pin side.

●Model number
H-SN-17

Housing : PHDR-10VS (J.S.T.)
Pin : SPHD-002T-P0.5 (J.S.T.)
Weight : 5g max

●Type

●Wire

Pin #	Wire	AWG	Color	Length l (mm)
1	UL1061	28	yellow	500
2	UL1061	28	orange	500
3	-	-	-	-
4	-	-	-	-
5	UL1061	28	blue	500
6	UL1061	28	black	500
7	UL1061	28	red	30
8	UL1061	28	red	30
9	UL1061	28	black	30
10	UL1061	28	black	30

* Pin #7 and #8 are shorted with harness and also pin #9 and #10.

* The even number pin side of the connector is the same wiring as the odd number pin side.

●Model number
H-SN-18

Housing : PHR-2 (J.S.T.)
Pin : SPH-002T-P0.5S (J.S.T.)
Weight : 4g max

●Type

●Wire

Pin #	Wire	AWG	Color	Length l (mm)
1	UL1007	26	yellow	500
2	UL1007	26	orange	500

Option

Option-38

Type	Mating Model	Contents
B-ACE-7	ACE series	Terminal attachment to facilitate faston terminal output modules
B-ACE-8	ACE series	Terminal attachment to facilitate wiring
B-ACE-9	ACE series	Terminal attachment for series operation as output modules

★These attachments cannot be used for module code S, T, U, Y, W, Z, 9, Q, and V.

B-ACE-7	B-ACE-8
<p>Size</p> <p style="text-align: center;">Installation (TOP)</p> <ul style="list-style-type: none"> ★ Material : Copper ★ Thickness : 0.8 ★ Dimension in mm ★ Weight : 3g max 	<p>Size</p> <p style="text-align: center;">Installation (TOP)</p> <ul style="list-style-type: none"> ★ Material : Brass ★ Thickness : 1.0 ★ Dimension in mm ★ Weight : 3g max

★ B-ACE-7: Recommended faston terminal #250. Quantity is 1 piece.

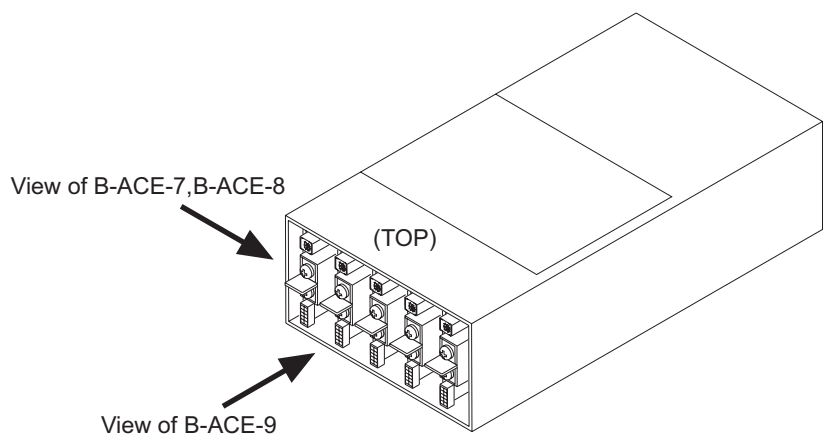
★ B-ACE-8: Please be careful with that B-ACE-8 is not stressed in wiring. Quantity is a couple.

B-ACE-9

Size

Installation (TOP)

- ★ Material : Brass
- ★ Thickness : 1.0
- ★ Dimension in mm
- ★ Weight : 4g max



Fan unit

★ Fan unit is prepared by the option.

ACE Series MAX Series

Fan unit type	Matching model	External	Pin connection								
FAN-AC3 (Standard)	ACE300F <Standard>	 ★ Weight : 75g max	<p>CONNECTOR = XAP-03V-1 (Mfr : J. S. T) TERMINAL = SXA-001T-P0.6 (Mfr : J. S. T)</p> <table border="1"> <thead> <tr> <th>Pin No.</th> <th>Content</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>GND</td> </tr> <tr> <td>2</td> <td>FAN ALARM</td> </tr> <tr> <td>3</td> <td>POWER</td> </tr> </tbody> </table> <p>LENGTH OF HARNESS = 60 ± 10mm</p>	Pin No.	Content	1	GND	2	FAN ALARM	3	POWER
Pin No.	Content										
1	GND										
2	FAN ALARM										
3	POWER										
FAN-AC3-F (Air flow reverse : -F)	ACE300F <Modification : F>	 ★ Weight : 75g max									
FAN-AC3-K (Low speed : -K)	ACE300F <Modification : K>	 ★ Weight : 85g max									
FAN-AC3-T (With filter : -T)	ACE300F <Modification : T>	 ★ Weight : 130g max									
FAN-AC4 (Standard)	ACE450F ACE650F <Standard>	 ★ Weight : 130g max	<p>CONNECTOR = XAP-03V-1 (Mfr : J. S. T) TERMINAL = SXA-001T-P0.6 (Mfr : J. S. T)</p> <table border="1"> <thead> <tr> <th>Pin No.</th> <th>Content</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>GND</td> </tr> <tr> <td>2</td> <td>FAN ALARM</td> </tr> <tr> <td>3</td> <td>POWER</td> </tr> </tbody> </table> <p>LENGTH OF HARNESS = 55 ± 10mm</p>	Pin No.	Content	1	GND	2	FAN ALARM	3	POWER
Pin No.	Content										
1	GND										
2	FAN ALARM										
3	POWER										
FAN-AC4-F (Air flow reverse : -F)	ACE450F ACE650F <Modification : F>	 ★ Weight : 130g max									
FAN-AC4-K (Low speed : -K)	ACE450F ACE650F <Modification : K>	 ★ Weight : 130g max									
FAN-AC4-T (With filter : -T)	ACE450F ACE650F <Modification : T>	 ★ Weight : 180g max									

★ 1 Handle with care and don't add the impact such as falls or throwing to the unit.

★ 2 Exchange the unit after intercepting the input power.

★ 3 When the unit is exchanged, make sure there are not loosening of the connector and shutting the harness.

Fan unit

★Fan unit is prepared by the option.

ACE Series MAX Series

Fan unit type	Matching model	External	Pin connection								
FAN-AC9 (Standard)	ACE900F <Standard>	 ★Weight : 220g max	CONNECTOR = XAP-03V-1 (Mfr : J. S. T) TERMINAL = SXA-001T-P0.6 (Mfr : J. S. T) <table border="1"> <thead> <tr> <th>Pin No.</th> <th>Content</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>GND</td> </tr> <tr> <td>2</td> <td>FAN ALARM</td> </tr> <tr> <td>3</td> <td>POWER</td> </tr> </tbody> </table> LENGTH OF HARNESS = 55 ± 10mm	Pin No.	Content	1	GND	2	FAN ALARM	3	POWER
Pin No.	Content										
1	GND										
2	FAN ALARM										
3	POWER										
FAN-AC9-F (Air flow reverse : -F)	ACE900F <Modification : F>	 ★Weight : 220g max									
FAN-AC9-K (Low speed : -K)	ACE900F <Modification : K>	 ★Weight : 220g max									
FAN-AC9-T (With filter : -T)	ACE900F <Modification : T>	 ★Weight : 320g max									
FAN-MA1 (Standard)	MAX1600F MAX1600T <Standard>	 ★Weight : 400g max									
FAN-MA1-B (Long life : -B)	MAX1600F MAX1600T <Modification : B>	 ★Weight : 550g max	CONNECTOR = XHP-3 (Mfr : J. S. T) TERMINAL = SXH-001T-P0.6 (Mfr : J. S. T) <table border="1"> <thead> <tr> <th>Pin No.</th> <th>Content</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>POWER</td> </tr> <tr> <td>2</td> <td>FAN ALARM</td> </tr> <tr> <td>3</td> <td>GND</td> </tr> </tbody> </table> LENGTH OF HARNESS = 210 ± 15mm	Pin No.	Content	1	POWER	2	FAN ALARM	3	GND
Pin No.	Content										
1	POWER										
2	FAN ALARM										
3	GND										
FAN-MA3 (Standard)	MAX3200T <Standard>	 ★Weight : 610g max									
FAN-MA3-B (Long life : -B)	MAX3200T <Modification : B>	 ★Weight : 830g max									

- ★ 1 Handle with care and don't add the impact such as falls or throwing to the unit.
- ★ 2 Exchange the unit after intercepting the input power.
- ★ 3 When the unit is exchanged, make sure there are not loosening of the connector and shutting the harness.