

Harness

Mating harness

Model	Harness model #	
	Input	Output
LCA10S	H-IN-4	H-OU-7
LCA15S	H-IN-4	H-OU-8
LCA30S	H-IN-5 or H-IN-10	H-OU-9
LCA50S, *LGA50A		H-OU-9
LCA75S, *LGA75A		H-OU-18
LCA100S, *LGA100A		H-OU-10
LCA150S, *LGA150A	H-IN-14	H-OU-11
*LGA240A, *LFA300F, *LFP300F		H-OU-12
SNA-01,-03	H-OU-8	H-OU-8
SNA-06	H-OU-9	H-OU-9
SNR-10	H-OU-18	H-OU-18

Model	Harness model #	
	Input	Output
LDA10F	H-IN-5 or H-IN-10	H-OU-8
LDA15F		H-OU-8
LDA30F, *LFA30F		H-OU-9
LDA50F, LEA50F, *LFA50F		H-OU-9
LDA75F, LEA75F, *LFA75F		H-OU-18
LDA100W, LEA100F, *LFP100F, *LFA100F		H-OU-10
*LMA100F, LEP100F, 150F, 240F		H-OU-11
LDA150W, LEA150F, *LFP150F, *LFA150F, *LFA240F, *LFP240F, *LMA150F, *LMA240F		H-OU-12
*LFA10F		H-OU-34
*LFA15F		H-OU-34
*LDA300W	H-IN-7	H-OU-22

* Optional : connector type "-J" (LDA300W)
 * Optional : connector type "-J1" (LGA50A, 75A, 100A, 150A, 240A)
 * Optional : connector type "-J1" (LFA10F, 15F, 30F, 50F, 75F, 100F, 150F, 240F, 300F)
 * Optional : connector type "-J1" (LFP100F, 150F, 240F, 300F)
 * Optional : connector type "-J1" (LMA100F, 150F, 240F)

LCA Series
 LGA Series
 LDA Series
 LEA Series
 LEP Series
 LFA Series
 LFP Series
 LMA Series
 SNA Series
 SNR Series

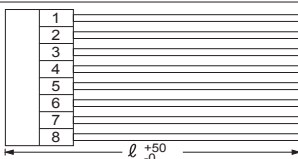
●Model number H-IN-4 Housing : XHP-7 (J.S.T.) Pin : SXH-001T-P0.6 (J.S.T.) Weight : 10g max	●Type	●Wire <table><tr><th>Pin #</th><th>Wire</th><th>AWG</th><th>Color</th><th>Length ℓ (mm)</th></tr><tr><td>1</td><td>UL1007</td><td>22</td><td>black</td><td>500</td></tr><tr><td>2, 3</td><td></td><td></td><td></td><td></td></tr><tr><td>4</td><td>UL1007</td><td>22</td><td>white</td><td>500</td></tr><tr><td>5, 6</td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td>UL1007</td><td>22</td><td>green</td><td>500</td></tr></table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1	UL1007	22	black	500	2, 3					4	UL1007	22	white	500	5, 6					7	UL1007	22	green	500
Pin #	Wire	AWG	Color	Length ℓ (mm)																												
1	UL1007	22	black	500																												
2, 3																																
4	UL1007	22	white	500																												
5, 6																																
7	UL1007	22	green	500																												
●Model number H-IN-5 Housing : VHR-5N (J.S.T.) Pin : SVH-21T-P1.1 (J.S.T.) Weight : 30g max	●Type	●Wire <table><tr><th>Pin #</th><th>Wire</th><th>AWG</th><th>Color</th><th>Length ℓ (mm)</th></tr><tr><td>1</td><td>UL1015</td><td>18</td><td>black</td><td>500</td></tr><tr><td>2</td><td></td><td></td><td></td><td></td></tr><tr><td>3</td><td>UL1015</td><td>18</td><td>white</td><td>500</td></tr><tr><td>4</td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td>UL1015</td><td>18</td><td>green</td><td>500</td></tr></table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1	UL1015	18	black	500	2					3	UL1015	18	white	500	4					5	UL1015	18	green	500
Pin #	Wire	AWG	Color	Length ℓ (mm)																												
1	UL1015	18	black	500																												
2																																
3	UL1015	18	white	500																												
4																																
5	UL1015	18	green	500																												
●Model number H-IN-7 Housing : 1-178128-5 (Tyco Electronics) Pin : 1-175218-2 or 1-175218-3 (Tyco Electronics) Weight : 35g max	●Type	●Wire <table><tr><th>Pin #</th><th>Wire</th><th>AWG</th><th>Color</th><th>Length ℓ (mm)</th></tr><tr><td>1</td><td>UL1015</td><td>18</td><td>white</td><td>500</td></tr><tr><td>2</td><td></td><td></td><td></td><td></td></tr><tr><td>3</td><td>UL1015</td><td>18</td><td>black</td><td>500</td></tr><tr><td>4</td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td>UL1015</td><td>18</td><td>green/yellow</td><td>500</td></tr></table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1	UL1015	18	white	500	2					3	UL1015	18	black	500	4					5	UL1015	18	green/yellow	500
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1	UL1015	18	white	500																												
2																																
3	UL1015	18	black	500																												
4																																
5	UL1015	18	green/yellow	500																												
●Model number H-IN-10 Housing : VHR-5N (J.S.T.) Pin : SVH-21T-P1.1 (J.S.T.) Weight : 30g max	●Type	●Wire <table><tr><th>Pin #</th><th>Wire</th><th>AWG</th><th>Color</th><th>Length ℓ (mm)</th></tr><tr><td>1</td><td>UL1015</td><td>18</td><td>black</td><td>500</td></tr><tr><td>2</td><td></td><td></td><td></td><td></td></tr><tr><td>3</td><td>UL1015</td><td>18</td><td>white</td><td>500</td></tr><tr><td>4</td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td>UL1015</td><td>18</td><td>green/yellow</td><td>500</td></tr></table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1	UL1015	18	black	500	2					3	UL1015	18	white	500	4					5	UL1015	18	green/yellow	500
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1	UL1015	18	black	500																												
2																																
3	UL1015	18	white	500																												
4																																
5	UL1015	18	green/yellow	500																												
●Model number H-IN-14 Housing : VHR-8N (J.S.T.) Pin : SVH-21T-P1.1 (J.S.T.) Weight : 60g max	●Type	●Wire <table><tr><th>Pin #</th><th>Wire</th><th>AWG</th><th>Color</th><th>Length ℓ (mm)</th></tr><tr><td>1, 2</td><td>UL1015</td><td>18</td><td>black</td><td>500</td></tr><tr><td>3</td><td></td><td></td><td></td><td></td></tr><tr><td>4, 5</td><td>UL1015</td><td>18</td><td>white</td><td>500</td></tr><tr><td>6</td><td></td><td></td><td></td><td></td></tr><tr><td>7, 8</td><td>UL1015</td><td>18</td><td>green</td><td>500</td></tr></table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1, 2	UL1015	18	black	500	3					4, 5	UL1015	18	white	500	6					7, 8	UL1015	18	green	500
Pin #	Wire	AWG	Color	Length ℓ (mm)																												
1, 2	UL1015	18	black	500																												
3																																
4, 5	UL1015	18	white	500																												
6																																
7, 8	UL1015	18	green	500																												
●Model number H-OU-7 Housing : XHP-2 (J.S.T.) Pin : SXH-001T-P0.6 (J.S.T.) Weight : 7g max	●Type	●Wire <table><tr><th>Pin #</th><th>Wire</th><th>AWG</th><th>Color</th><th>Length ℓ (mm)</th></tr><tr><td>1</td><td>UL1007</td><td>22</td><td>black</td><td>500</td></tr><tr><td>2</td><td>UL1007</td><td>22</td><td>red</td><td>500</td></tr></table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1	UL1007	22	black	500	2	UL1007	22	red	500															
Pin #	Wire	AWG	Color	Length ℓ (mm)																												
1	UL1007	22	black	500																												
2	UL1007	22	red	500																												
●Model number H-OU-8 Housing : XHP-4 (J.S.T.) Pin : SXH-001T-P0.6 (J.S.T.) Weight : 15g max	●Type	●Wire <table><tr><th>Pin #</th><th>Wire</th><th>AWG</th><th>Color</th><th>Length ℓ (mm)</th></tr><tr><td>1</td><td>UL1007</td><td>22</td><td>black</td><td>500</td></tr><tr><td>2</td><td>UL1007</td><td>22</td><td>black</td><td>500</td></tr><tr><td>3</td><td>UL1007</td><td>22</td><td>red</td><td>500</td></tr><tr><td>4</td><td>UL1007</td><td>22</td><td>red</td><td>500</td></tr></table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1	UL1007	22	black	500	2	UL1007	22	black	500	3	UL1007	22	red	500	4	UL1007	22	red	500					
Pin #	Wire	AWG	Color	Length ℓ (mm)																												
1	UL1007	22	black	500																												
2	UL1007	22	black	500																												
3	UL1007	22	red	500																												
4	UL1007	22	red	500																												
●Model number H-OU-9 Housing : VHR-4N (J.S.T.) Pin : SVH-21T-P1.1 (J.S.T.) Weight : 40g max	●Type	●Wire <table><tr><th>Pin #</th><th>Wire</th><th>AWG</th><th>Color</th><th>Length ℓ (mm)</th></tr><tr><td>1</td><td>UL1015</td><td>18</td><td>black</td><td>500</td></tr><tr><td>2</td><td>UL1015</td><td>18</td><td>black</td><td>500</td></tr><tr><td>3</td><td>UL1015</td><td>18</td><td>red</td><td>500</td></tr><tr><td>4</td><td>UL1015</td><td>18</td><td>red</td><td>500</td></tr></table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1	UL1015	18	black	500	2	UL1015	18	black	500	3	UL1015	18	red	500	4	UL1015	18	red	500					
Pin #	Wire	AWG	Color	Length ℓ (mm)																												
1	UL1015	18	black	500																												
2	UL1015	18	black	500																												
3	UL1015	18	red	500																												
4	UL1015	18	red	500																												

●Model number

H-OU-10

Housing : VHR-8N (J.S.T.)
Pin : SVH-21T-P1.1 (J.S.T.)
Weight : 80g max

●Type



●Wire

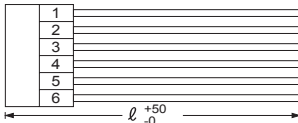
Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 4	UL1015	18	black	500
5 - 8	UL1015	18	red	500

●Model number

H-OU-11

Housing : VHR-6N (J.S.T.)
Pin : SVH-21T-P1.1 (J.S.T.)
Weight : 60g max

●Type



●Wire

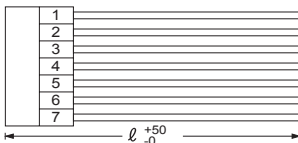
Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 6	UL1015	18	red	500

●Model number

H-OU-12

Housing : VHR-7N (J.S.T.)
Pin : SVH-21T-P1.1 (J.S.T.)
Weight : 70g max

●Type



●Wire

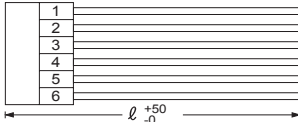
Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 7	UL1015	18	black	500

●Model number

H-OU-18

Housing : VHR-6N (J.S.T.)
Pin : SVH-21T-P1.1 (J.S.T.)
Weight : 60g max

●Type



●Wire

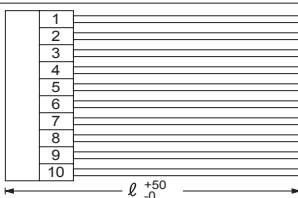
Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 3	UL1015	18	black	500
4 - 6	UL1015	18	red	500

●Model number

H-OU-22

Housing : 1-178288-8 (Tyco Electronics)
Pin : 1-175218-2 or 1-175218-3 (Tyco Electronics)
Weight : 100g max

●Type



●Wire

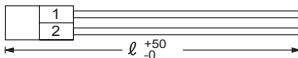
Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 5	UL1015	18	black	500
6 - 10	UL1015	18	red	500

●Model number

H-OU-34

Housing : VHR-2N (J.S.T.)
Pin : SVH-21T-P1.1 (J.S.T.)
Weight : 20g max

●Type



●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1015	18	black	500
2	UL1015	18	red	500

Mating harness

LGA Series
LFA Series
LFP Series
LMA Series

Model	Harness model #	
	Input	Output
LFA10F	H-IN-12	H-OU-33
LFA15F		H-OU-33
LFA30F		H-OU-28
LFA50F, LGA50A		H-OU-28
LFA75F, LGA75A		H-OU-29
LFP100F, LFA100F, LGA100A LMA100F		H-OU-30
LFP150F, LFA150F, LGA150A, LFA240F, LFP240F, LMA150F LMA240F		H-OU-31
		H-OU-32
LGA240A, LFA300F LFP300F	H-IN-13	H-OU-31
		H-OU-32

●Model number

H-IN-12

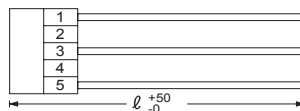
Housing : 1-1123722-5 (Tyco Electronics)

Pin : 1123721-1 or

1318912-1 (Tyco Electronics)

Weight : 30g max

●Type



●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1015	18	black	500
2				
3	UL1015	18	white	500
4				
5	UL1015	18	green	500

●Model number

H-IN-13

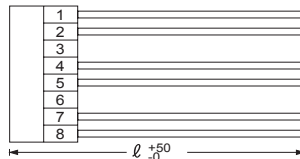
Housing : 1-1123722-8 (Tyco Electronics)

Pin : 1123721-1 or

1318912-1 (Tyco Electronics)

Weight : 55g max

●Type



●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1,2	UL1015	18	black	500
3				
4,5	UL1015	18	white	500
6				
7,8	UL1015	18	green	500

●Model number

H-OU-28

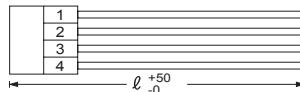
Housing : 1-1123722-4 (Tyco Electronics)

Pin : 1123721-1 or

1318912-1 (Tyco Electronics)

Weight : 40g max

●Type



●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1015	18	black	500
2	UL1015	18	black	500
3	UL1015	18	red	500
4	UL1015	18	red	500

●Model number

H-OU-29

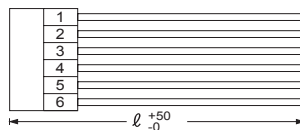
Housing : 1-1123722-6 (Tyco Electronics)

Pin : 1123721-1 or

1318912-1 (Tyco Electronics)

Weight : 60g max

●Type



●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 3	UL1015	18	black	500
4 - 6	UL1015	18	red	500

●Model number

H-OU-30

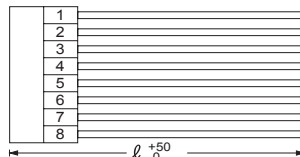
Housing : 1-1123722-8 (Tyco Electronics)

Pin : 1123721-1 or

1318912-1 (Tyco Electronics)

Weight : 75g max

●Type



●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 4	UL1015	18	black	500
5 - 8	UL1015	18	red	500

●Model number

H-OU-31

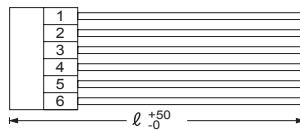
Housing : 1-1123722-6 (Tyco Electronics)

Pin : 1123721-1 or

1318912-1 (Tyco Electronics)

Weight : 60g max

●Type



●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 6	UL1015	18	red	500

●Model number

H-OU-32

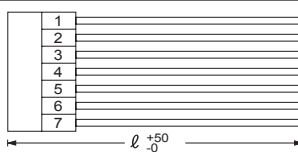
Housing : 1-1123722-7 (Tyco Electronics)

Pin : 1123721-1 or

1318912-1 (Tyco Electronics)

Weight : 70g max

●Type



●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 7	UL1015	18	black	500

●Model number

H-OU-33

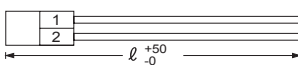
Housing : 1-1123722-2 (Tyco Electronics)

Pin : 1123721-1 or

1318912-1 (Tyco Electronics)

Weight : 20g max

●Type



●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1015	18	black	500
2	UL1015	18	red	500

LFP Series

Harness for connecting the external capacitor unit is prepared for LFP240/300F(U1 type).

●Model number

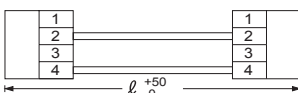
H-IN-23

Housing : VHR-4N(J.S.T.)

Pin : SVH-21T-P1.1(J.S.T.)

Weight : 5g max

●Type



●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1				
2	UL1015	20	black	100
3				
4	UL1015	20	red	100

Harness for remote ON/OFF(R type) is prepared in LDA, LEA, LEB, LEP, LFA, LFP & LMA series.

LDA Series
LEA Series
LEB Series
LEP Series
LFA Series
LFP Series
LMA Series

Mating harness

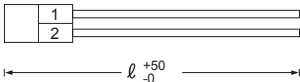
Model	Harness model #
LDA50F, LDA75F, LDA100W, LDA150W, LDA300W	H-RC-1
LEA50F, LEA75F, LEA100F, LEA150F, LEP100F, LEP150F, LEP240F	
LEB100F, LEB150F, LEB225F	
LFA100F, LFA150F, LFA240F, LFA300F, LFP100F, LFP150F, LFP240F, LFP300F	
LMA100F, LMA150F, LMA240F	

●Model number

H-RC-1

Housing : XHP-2 (J.S.T.)
Pin : SXH-001T-P0.6 (J.S.T.)
Weight : 7g max

●Type



●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1007	22	orange	500
2	UL1007	22	blue	500