

Harness

Mating harness

Model	Harness model #	
	Input	Output
LHA30F	H-IN-5 or H-IN-10	H-OU-9
LHA50F		H-OU-9
LHA75F		H-OU-18
LHA100F		H-OU-18
LHA150F		H-OU-18
LHA300F		H-OU-46
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-OU-11
*LGA240A	H-IN-14	H-OU-11
*LFA300F		H-OU-12
*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,		H-OU-12
*LFP240F, *LMA150F, *LMA240F		H-OU-34
* LFA10F		H-OU-34
* LFA15F		H-OU-22
* LDA300W		H-IN-7

* Optional : connector type "-J" (LDA300W)

* Optional : connector type "-J1" (LGA50A, 75A, 100A, 150A, 240A)

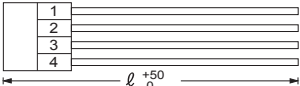
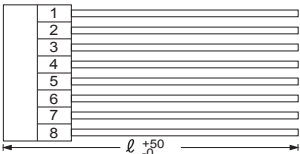
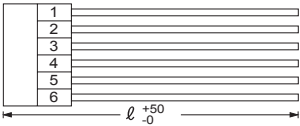
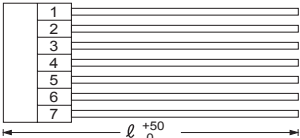
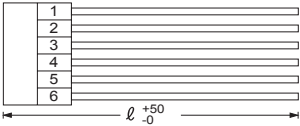
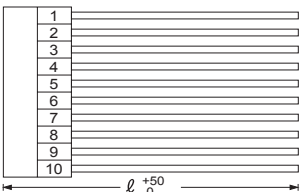
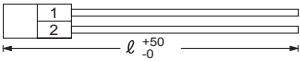
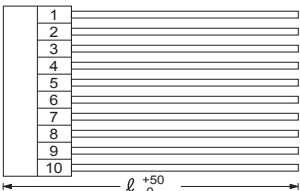
* Optional : connector type "-J1" (LFA10F, 15F, 30F, 50F, 75F, 100F, 150F, 240F, 300F)

* 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
 LHA 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
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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																												
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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					
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1	UL1007	22	black	500																												
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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><thead><tr><th>Pin #</th><th>Wire</th><th>AWG</th><th>Color</th><th>Length ℓ (mm)</th></tr></thead><tbody><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></tbody></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 <table><thead><tr><th>Pin #</th><th>Wire</th><th>AWG</th><th>Color</th><th>Length ℓ (mm)</th></tr></thead><tbody><tr><td>1 - 4</td><td>UL1015</td><td>18</td><td>black</td><td>500</td></tr><tr><td>5 - 8</td><td>UL1015</td><td>18</td><td>red</td><td>500</td></tr></tbody></table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1 - 4	UL1015	18	black	500	5 - 8	UL1015	18	red	500										
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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 <table><thead><tr><th>Pin #</th><th>Wire</th><th>AWG</th><th>Color</th><th>Length ℓ (mm)</th></tr></thead><tbody><tr><td>1 - 6</td><td>UL1015</td><td>18</td><td>red</td><td>500</td></tr></tbody></table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1 - 6	UL1015	18	red	500															
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 <table><thead><tr><th>Pin #</th><th>Wire</th><th>AWG</th><th>Color</th><th>Length ℓ (mm)</th></tr></thead><tbody><tr><td>1 - 7</td><td>UL1015</td><td>18</td><td>black</td><td>500</td></tr></tbody></table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1 - 7	UL1015	18	black	500															
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 <table><thead><tr><th>Pin #</th><th>Wire</th><th>AWG</th><th>Color</th><th>Length ℓ (mm)</th></tr></thead><tbody><tr><td>1 - 3</td><td>UL1015</td><td>18</td><td>black</td><td>500</td></tr><tr><td>4 - 6</td><td>UL1015</td><td>18</td><td>red</td><td>500</td></tr></tbody></table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1 - 3	UL1015	18	black	500	4 - 6	UL1015	18	red	500										
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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 <table><thead><tr><th>Pin #</th><th>Wire</th><th>AWG</th><th>Color</th><th>Length ℓ (mm)</th></tr></thead><tbody><tr><td>1 - 5</td><td>UL1015</td><td>18</td><td>black</td><td>500</td></tr><tr><td>6 - 10</td><td>UL1015</td><td>18</td><td>red</td><td>500</td></tr></tbody></table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1 - 5	UL1015	18	black	500	6 - 10	UL1015	18	red	500										
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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 <table><thead><tr><th>Pin #</th><th>Wire</th><th>AWG</th><th>Color</th><th>Length ℓ (mm)</th></tr></thead><tbody><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>red</td><td>500</td></tr></tbody></table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1	UL1015	18	black	500	2	UL1015	18	red	500										
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1	UL1015	18	black	500																							
2	UL1015	18	red	500																							
●Model number H-OU-46 Housing : VHR-10N (J.S.T.) Pin : SVH-41T-P1.1 (J.S.T.) Weight : 100g max	●Type 	●Wire <table><thead><tr><th>Pin #</th><th>Wire</th><th>AWG</th><th>Color</th><th>Length ℓ (mm)</th></tr></thead><tbody><tr><td>1 - 5</td><td>UL1430</td><td>16</td><td>black</td><td>500</td></tr><tr><td>6 - 10</td><td>UL1430</td><td>16</td><td>red</td><td>500</td></tr></tbody></table>	Pin #	Wire	AWG	Color	Length ℓ (mm)	1 - 5	UL1430	16	black	500	6 - 10	UL1430	16	red	500										
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1 - 5	UL1430	16	black	500																							
6 - 10	UL1430	16	red	500																							