# ■Harness

LCA Series
LDA Series
LGA Series
LEA Series
LEP Series
LFA Series
LFP Series
LHA Series
LHP Series
LMA Series
SNA Series
SNR Series
TECS Series

## Mating harness

| Model | Harness model # | |
|---|---|---|
| | Input | Output |
| LHA10F | H-IN-5 or H-IN-10 | H-OU-34 |
| LHA15F | | H-OU-34 |
| LHA30F | | H-OU-9 |
| LHA50F | | H-OU-9 |
| LHA75F | | H-OU-18 |
| LHA100F | | H-OU-18 |
| LHA150F,LHP150F | | H-OU-18 |
| LHA300F,LHP300F | | H-OU-46 |
| ✱LHA300F,✱LHP300F | | H-OU-10 |
| ✱LHP300F | | H-OU-54 |
| 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<br>H-OU-12 |
| ✱LGA240A, ✱LFA300F, ✱LFP300F | H-IN-14 | H-OU-11<br>H-OU-12 |
| TECS10F<br>TECS20F<br>TECS45F<br>TECS65F | H-IN-29 | H-OU-34<br>H-OU- 9 |

| Model | Harness model # | |
|---|---|---|
| | Input | Output |
| 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 |
| 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 ✱ LMA100F, LEP100F, 150F, 240F | | H-OU-10 |
| LDA150W, LEA150F, ✱LFP150F, ✱LFA150F, ✱LFA240F, ✱LFP240F, ✱LMA150F, ✱LMA240F | | H-OU-11<br>H-OU-12 |
| ✱ LFA10F | | H-OU-34 |
| ✱ LFA15F | | H-OU-34 |
| ✱ LDA300W | H-IN-7 | H-OU-22 |

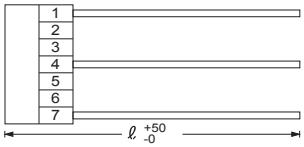
✱ Optional : connector type "-J" (LDA300W)
✱ Optional : connector type "-J1" (LGA50A,75A,100A,150A,240A)
✱ Optional : connector type "-J1" (LFA10F,15F,30F,50F,75F,100F,150F,240F,300F)
✱ Optional : connector type "-J1" (LFP100F,150F,240F,300F)
✱ Optional : connector type "-J1" (LMA100F,150F,240F)
✱ Optional : connector type "-J5 " (LHA300F)
✱ Optional : connector type "-J5 " (LHP300F)

●Model number

### H-IN-4

Housing : XHP-7 (J.S.T.)
Pin : SXH-001T-P0.6 (J.S.T.)
Weight : 10g max

●Type




●Wire

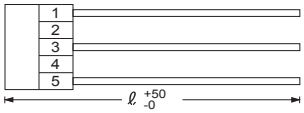
| Pin # | Wire | AWG | Color | Length ℓ (mm) |
|---|---|---|---|---|
| 1 | UL1007 | 22 | black | 500 |
| 2, 3 | | | | |
| 4 | UL1007 | 22 | white | 500 |
| 5, 6 | | | | |
| 7 | UL1007 | 22 | green | 500 |

●Model number

### H-IN-5

Housing : VHR-5N (J.S.T.)
Pin : SVH-21T-P1.1 (J.S.T.)
Weight : 30g max

●Type




●Wire

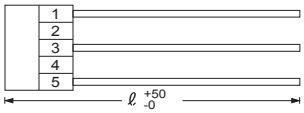
| Pin # | Wire | AWG | Color | Length ℓ (mm) |
|---|---|---|---|---|
| 1 | UL1015 | 18 | black | 500 |
| 2 | | | | |
| 3 | UL1015 | 18 | white | 500 |
| 4 | | | | |
| 5 | UL1015 | 18 | green | 500 |

●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

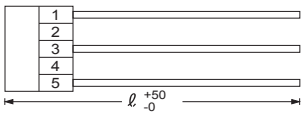
| Pin # | Wire | AWG | Color | Length ℓ (mm) |
|---|---|---|---|---|
| 1 | UL1015 | 18 | white | 500 |
| 2 | | | | |
| 3 | UL1015 | 18 | black | 500 |
| 4 | | | | |
| 5 | UL1015 | 18 | green/yellow | 500 |

●Model number

### H-IN-10

Housing : VHR-5N (J.S.T.)
Pin : SVH-21T-P1.1 (J.S.T.)
Weight : 30g max

●Type




●Wire

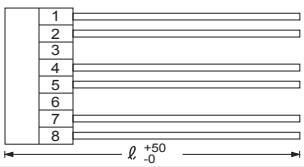
| Pin # | Wire | AWG | Color | Length ℓ (mm) |
|---|---|---|---|---|
| 1 | UL1015 | 18 | black | 500 |
| 2 | | | | |
| 3 | UL1015 | 18 | white | 500 |
| 4 | | | | |
| 5 | UL1015 | 18 | green/yellow | 500 |

●Model number

### H-IN-14

Housing : VHR-8N (J.S.T.)
Pin : SVH-21T-P1.1 (J.S.T.)
Weight : 60g max

●Type




●Wire

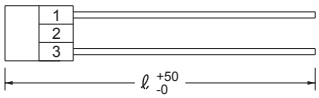
| Pin # | Wire | AWG | Color | Length ℓ (mm) |
|---|---|---|---|---|
| 1 ,2 | UL1015 | 18 | black | 500 |
| 3 | | | | |
| 4 ,5 | UL1015 | 18 | white | 500 |
| 6 | | | | |
| 7 ,8 | UL1015 | 18 | green | 500 |

●Model number

### H-IN-29

Housing : VHR-3N(J.S.T)
Pin : SVH-21T-P1.1 or BVH-21T-P1.1
(J.S.T)
Weight : 25g max

●Type




●Wire

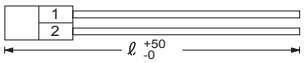
| Pin # | Wire | AWG | Color | Length ℓ (mm) |
|---|---|---|---|---|
| 1 | UL1015 | AWG18 | white | 500 |
| 2 | - | - | - | - |
| 3 | UL1015 | AWG18 | black | 500 |

●Model number

## H-OU-7

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

●Type




●Wire

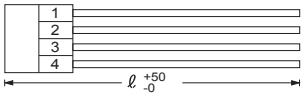
| Pin # | Wire | AWG | Color | Length ℓ (mm) |
|---|---|---|---|---|
| 1 | UL1007 | 22 | black | 500 |
| 2 | UL1007 | 22 | red | 500 |

●Model number

## H-OU-8

Housing : XHP-4 (J.S.T.)
Pin : SXH-001T-P0.6 (J.S.T.)
Weight : 15g max

●Type




●Wire

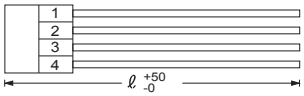
| Pin # | Wire | AWG | Color | Length ℓ (mm) |
|---|---|---|---|---|
| 1 | UL1007 | 22 | black | 500 |
| 2 | UL1007 | 22 | black | 500 |
| 3 | UL1007 | 22 | red | 500 |
| 4 | UL1007 | 22 | red | 500 |

●Model number

## H-OU-9

Housing : VHR-4N (J.S.T.)
Pin : SVH-21T-P1.1 (J.S.T.)
Weight : 40g max

●Type




●Wire

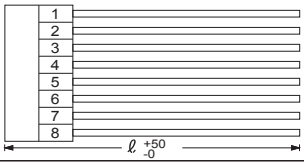
| Pin # | Wire | AWG | Color | Length ℓ (mm) |
|---|---|---|---|---|
| 1 | UL1015 | 18 | black | 500 |
| 2 | UL1015 | 18 | black | 500 |
| 3 | UL1015 | 18 | red | 500 |
| 4 | UL1015 | 18 | red | 500 |

●Model number

## H-OU-10

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

●Type




●Wire

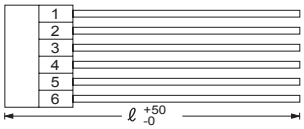
| Pin # | Wire | AWG | Color | Length ℓ (mm) |
|---|---|---|---|---|
| 1 - 4 | UL1015 | 18 | black | 500 |
| 5 - 8 | UL1015 | 18 | red | 500 |

●Model number

## H-OU-11

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

●Type




●Wire

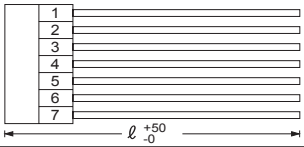
| Pin # | Wire | AWG | Color | Length ℓ (mm) |
|---|---|---|---|---|
| 1 - 6 | UL1015 | 18 | red | 500 |

●Model number

## H-OU-12

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

●Type




●Wire

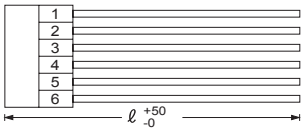
| Pin # | Wire | AWG | Color | Length ℓ (mm) |
|---|---|---|---|---|
| 1 - 7 | UL1015 | 18 | black | 500 |

●Model number

## H-OU-18

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

●Type




●Wire

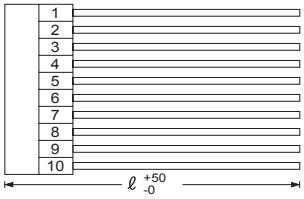
| Pin # | Wire | AWG | Color | Length ℓ (mm) |
|---|---|---|---|---|
| 1 - 3 | UL1015 | 18 | black | 500 |
| 4 - 6 | UL1015 | 18 | red | 500 |

●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

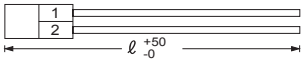
| Pin # | Wire | AWG | Color | Length ℓ (mm) |
|---|---|---|---|---|
| 1 - 5 | UL1015 | 18 | black | 500 |
| 6 - 10 | UL1015 | 18 | red | 500 |

●Model number

## H-OU-34

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

●Type




●Wire

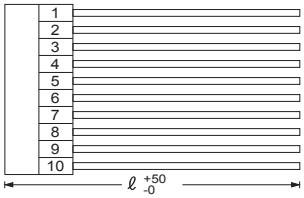
| Pin # | Wire | AWG | Color | Length ℓ (mm) |
|---|---|---|---|---|
| 1 | UL1015 | 18 | black | 500 |
| 2 | UL1015 | 18 | red | 500 |

●Model number

## H-OU-46

Housing : VHR-10N (J.S.T.)
Pin : SVH-21T-P1.1 (J.S.T.)
Weight : 100g max

●Type




●Wire

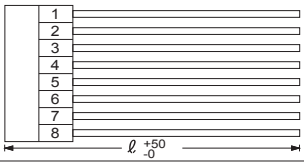
| Pin # | Wire | AWG | Color | Length ℓ (mm) |
|---|---|---|---|---|
| 1 - 5 | UL1015 | 18 | black | 500 |
| 6 - 10 | UL1015 | 18 | red | 500 |

●Model number

## H-OU-54

Housing : VHR-8N (J.S.T.)
Pin : SVH-41T-P1.1 (J.S.T.)
Weight : 100g max

●Type




●Wire

| Pin # | Wire | AWG | Color | Length ℓ (mm) |
|---|---|---|---|---|
| 1 - 4 | UL1430 | 16 | black | 500 |
| 5 - 8 | UL1430 | 16 | red | 500 |

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

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

## Mating harness

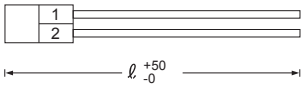
| Model | Harness model # |
|---|---|
| LDA50F, LDA75F, LDA100W, LDA150W, LDA300W | H-RC-1 |
| LEA50F, LEA75F, LEA100F, LEA150F, LEP100F, LEP150F, LEP240F | |
| LEB100F, LEB150F, LEB225F | |
| LFA100F, LFA150F, LFA240F, LFA300F, LFP100F, LFP150F, LFP240F, LFP300F | |
| LHA100F,LHA150F,LHA300F,LHP150F,LHP300F | |
| 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 |