■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
		H-OU-12
✱LGA240A, ✱LFA300F, ✱LFP300F	H-IN-14	H-OU-11
		H-OU-12
TECS10F	H-IN-29	H-OU-34
TECS20F		
TECS45F		H-OU- 9
TECS65F		

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
		H-OU-12
✱ LFA10F		H-OU-34
✱ LFA15F		H-OU-34
✱ LDA300W	H-IN-7	H-OU-22

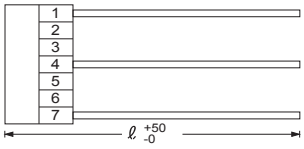
✱ Optional : connector type "-J" (LDA300W)
✱ Optional : connector type "-J1" (LGA50A,75A,100A,150A,240A)
✱ Optional : connector type "-J1" (LFA10F,15F,30F,50F,75F,100F,150F,240F,300F)
✱ Optional : connector type "-J1" (LFP100F,150F,240F,300F)
✱ Optional : connector type "-J1" (LMA100F,150F,240F)
✱ Optional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

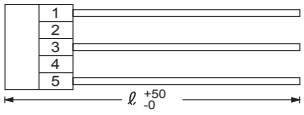
Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1007	22	black	500
2, 3				
4	UL1007	22	white	500
5, 6				
7	UL1007	22	green	500

●Model number

H-IN-5

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

●Type



●Wire

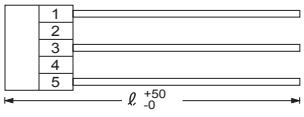
Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1015	18	black	500
2				
3	UL1015	18	white	500
4				
5	UL1015	18	green	500

●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

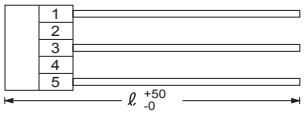
Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1015	18	white	500
2				
3	UL1015	18	black	500
4				
5	UL1015	18	green/yellow	500

●Model number

H-IN-10

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

●Type



●Wire

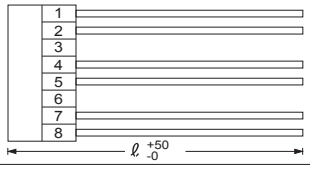
Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1015	18	black	500
2				
3	UL1015	18	white	500
4				
5	UL1015	18	green/yellow	500

●Model number

H-IN-14

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

●Type



●Wire

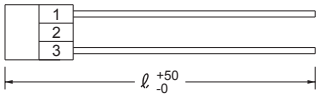
Pin #	Wire	AWG	Color	Length ℓ (mm)
1 ,2	UL1015	18	black	500
3				
4 ,5	UL1015	18	white	500
6				
7 ,8	UL1015	18	green	500

●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

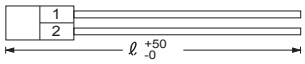
Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1015	AWG18	white	500
2	-	-	-	-
3	UL1015	AWG18	black	500

●Model number

H-OU-7

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

●Type



●Wire

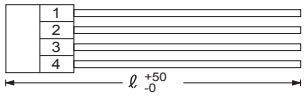
Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1007	22	black	500
2	UL1007	22	red	500

●Model number

H-OU-8

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

●Type



●Wire

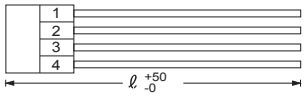
Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1007	22	black	500
2	UL1007	22	black	500
3	UL1007	22	red	500
4	UL1007	22	red	500

●Model number

H-OU-9

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

●Type



●Wire

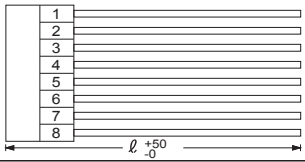
Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1015	18	black	500
2	UL1015	18	black	500
3	UL1015	18	red	500
4	UL1015	18	red	500

●Model number

H-OU-10

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

●Type



●Wire

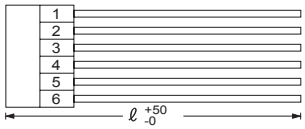
Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 4	UL1015	18	black	500
5 - 8	UL1015	18	red	500

●Model number

H-OU-11

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

●Type



●Wire

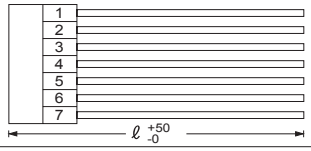
Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 6	UL1015	18	red	500

●Model number

H-OU-12

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

●Type



●Wire

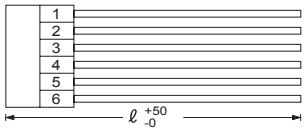
Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 7	UL1015	18	black	500

●Model number

H-OU-18

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

●Type



●Wire

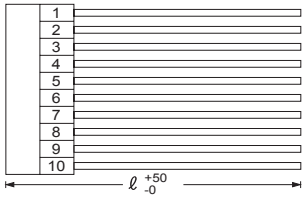
Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 3	UL1015	18	black	500
4 - 6	UL1015	18	red	500

●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

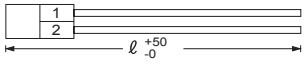
Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 5	UL1015	18	black	500
6 - 10	UL1015	18	red	500

●Model number

H-OU-34

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

●Type



●Wire

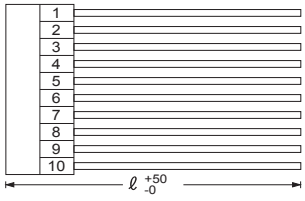
Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1015	18	black	500
2	UL1015	18	red	500

●Model number

H-OU-46

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

●Type



●Wire

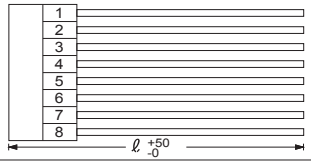
Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 5	UL1015	18	black	500
6 - 10	UL1015	18	red	500

●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

Mating harness

Model	Harness model #	
	Input	Output
LFA10F, *LHA10F	H-IN-12	H-OU-33
LFA15F, *LHA15F		H-OU-33
LFA30F, *LHA30F		H-OU-28
LFA50F, LGA50A, *LHA50F		H-OU-28
LFA75F, LGA75A, *LHA75F, *LHA100F,*LHA150F,*LHP150F		H-OU-29
LFP100F, LFA100F, LGA100A LMA100F		H-OU-30
LFP150F, LFA150F, LGA150A, LFA240F, LFP240F, LMA150F LMA240F		H-OU-31
		H-OU-32
*LHA300F,*LHP300F		H-OU-47
LGA240A, LFA300F LFP300F	H-IN-13	H-OU-31
		H-OU-32

LGA Series
LFA Series
LFP Series
LHA Series
LHP Series
LMA Series

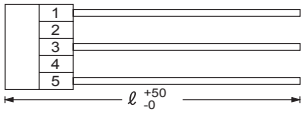
*Optional:connector type "-J4"
(LHA10F,15F,30F,50F,75F,100F,150F,300F)
*Optional:connector type "-J4"
(LHP150F,300F)

●Model number

H-IN-12

Housing : 1-1123722-5 (Tyco Electronics)
Pin : 1123721-1 or
1318912-1 (Tyco Electronics)
Weight : 30g max

●Type



●Wire

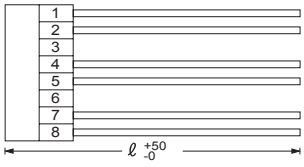
Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1015	18	black	500
2				
3	UL1015	18	white	500
4				
5	UL1015	18	green	500

●Model number

H-IN-13

Housing : 1-1123722-8 (Tyco Electronics)
Pin : 1123721-1 or
1318912-1 (Tyco Electronics)
Weight : 55g max

●Type



●Wire

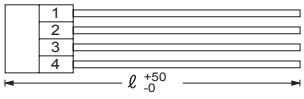
Pin #	Wire	AWG	Color	Length ℓ (mm)
1 ,2	UL1015	18	black	500
3				
4 ,5	UL1015	18	white	500
6				
7 ,8	UL1015	18	green	500

●Model number

H-OU-28

Housing : 1-1123722-4 (Tyco Electronics)
Pin : 1123721-1 or
1318912-1 (Tyco Electronics)
Weight : 40g max

●Type



●Wire

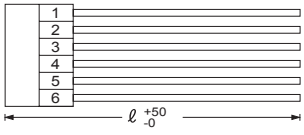
Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1015	18	black	500
2	UL1015	18	black	500
3	UL1015	18	red	500
4	UL1015	18	red	500

●Model number

H-OU-29

Housing : 1-1123722-6 (Tyco Electronics)
Pin : 1123721-1 or
1318912-1 (Tyco Electronics)
Weight : 60g max

●Type



●Wire

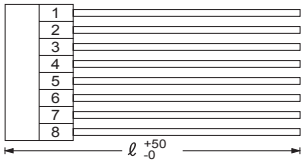
Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 3	UL1015	18	black	500
4 - 6	UL1015	18	red	500

●Model number

H-OU-30

Housing : 1-1123722-8 (Tyco Electronics)
Pin : 1123721-1 or
1318912-1 (Tyco Electronics)
Weight : 75g max

●Type



●Wire

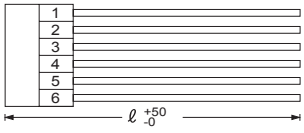
Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 4	UL1015	18	black	500
5 - 8	UL1015	18	red	500

●Model number

H-OU-31

Housing : 1-1123722-6 (Tyco Electronics)
Pin : 1123721-1 or
1318912-1 (Tyco Electronics)
Weight : 60g max

●Type



●Wire

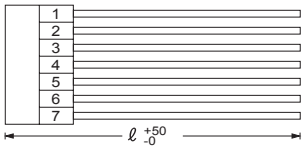
Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 6	UL1015	18	red	500

●Model number

H-OU-32

Housing : 1-1123722-7 (Tyco Electronics)
Pin : 1123721-1 or
1318912-1 (Tyco Electronics)
Weight : 70g max

●Type



●Wire

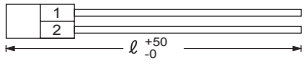
Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 7	UL1015	18	black	500

●Model number

H-OU-33

Housing : 1-1123722-2 (Tyco Electronics)
Pin : 1123721-1 or
1318912-1 (Tyco Electronics)
Weight : 20g max

●Type



●Wire

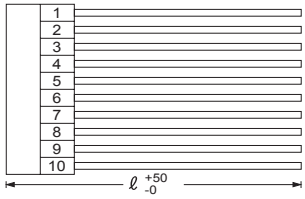
Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1015	18	black	500
2	UL1015	18	red	500

●Model number

H-OU-47

Housing : 1-1123722-0 (TycoElectronics)
Pin : 1123721-1 or
1318912-1 (TycoElectronics)
Weight : 100g max

●Type



●Wire

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

LFP Series

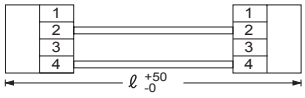
Harness for connecting the external capacitor unit is prepared for LFP240/300F(U1 type).

●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

LHA Series
LHP Series

Harness for connecting the external capacitor unit is prepared for LHA150F/300F and LHP150F/300F (U1 type).

●Model number

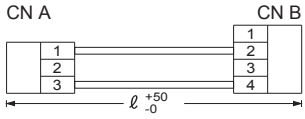
H-IN-25

CN A:
Housing : VHR-3N (J.S.T.)
Pin : SVH-21T-P1.1 (J.S.T.)

CN B:
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)
CN A	1	UL1015	20	black	100
	2				
	3	UL1015	20	red	100
CN B	1				
	2	UL1015	20	black	100
	3				
	4	UL1015	20	red	100