

REV.	DESCRIPTION	DATE	DRAFTER	APPROVER
A1	DWG.REL	2020.5.19	ZHANG	JIN

• Material

- ①Housing : PA66, UL94V-0
- ②Cover : PA66, UL94V-0
- ③Contact : Copper alloy, Tin plated
- ④Reed : Stainless steel
- ⑤Button : PA66, UL94V-0

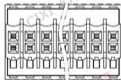
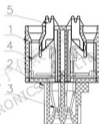
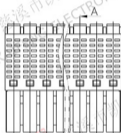
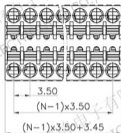
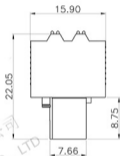
• Electrical

- UL IEC
- Rated voltage : 300V 320V
- Rated current : 10A 13.4A
- Contact resistance : 20mΩ(Max)
- Insulation resistance : 500MΩ/DC500V
- Withstanding Voltage : AC1600V/1min
- Wire range : 28-16AWG 0.2-1.5mm²

• Mechanical

- Operating temperature: -40℃ ~ +105℃
- Soldering temperature: 250℃ ± 5/5sec
- Strip length: 7-8mm

• RoHS compliance



HOW TO ORDER

KF12ED-3.5-2*XXP-1 X-XXXX

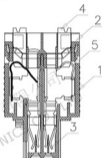
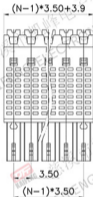
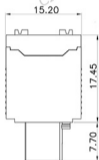


Pitch range		Nominal dimension range				PROJECTION	TITLE	
>0	>6	>10	>0	>30	>60	>100	6.1/10	
6	10	24	30	60	100	150	<	
±0.15/±0.20		±0.30	±0.30	±0.50	±0.70	±1.00	±1.30	±2
DRAWING TYPE		CUSTOMER DRAWING						
SCALE		1:1 SHEET 1 OF 1						
DRAWING NO.		W10000982						
PROJECTION UNIT mm							TITLE KF12ED-3.5-2*XXP-1X	
SHEET SIZE A4							SERIES KF12ED	



慈溪市凯峰电子有限公司
CIXI KAIFENG ELECTRONICS CO., LTD

REV.	DESCRIPTION	DATE	DRAFTER	APPROVER
A1	DWG.REL	2020.5.19	ZHANG	JIN



SECTION A-A

- Material
 - ØHousing : PA66, UL94V-0
 - ØCover : PA66, UL94V-0
 - ØContact : Copper alloy
 - ØButton : PA66, UL94V-0
 - ØReed : Stainless steel
- Electrical
 - UL IEC
 - Rated voltage : 300V 320V
 - Rated current : 10A 13.4A
 - Contact resistance : 20mΩ(Max)
 - Insulation resistance : 500MΩ/DC500V
 - Withstanding Voltage : AC1600V/1min
 - Wire range : 28-16AWG 0.2-1.5mm²
- Mechanical
 - Operating temperature: -40℃~+105℃
 - Soldering temperature: 250℃±5/5sec
 - Strip length: 10-11mm
- RoHS compliance

HOW TO ORDER

KF12EDH-3.5-2*XXP-1 X-XXXX



Pitch range		Nominal dimension range				PROJECTION	TITLE
>0	>6	>10	>0	>30	>60	>100	6.1/10
6	10	24	30	60	100	150	<
±0.15	±0.20	±0.30	±0.30	±0.50	±0.70	±1.00	±2
DRAWING TYPE		CUSTOMER DRAWING					
SCALE		1:1		SHEET		1 OF 1	
DRAWING NO.		W10001952					

PROJECTION

UNIT mm

SHEET SIZE A4

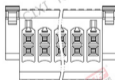
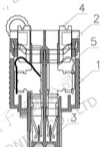
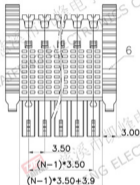
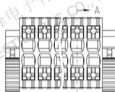
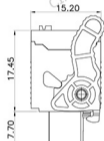
SERIES KF12EDH

TITLE KF12EDH-3.5-2*XXP-1X

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CIXI KAIFENG ELECTRONICS CO.,LTD

REV.	DESCRIPTION	DATE	DRAFTER	APPROVER
A1	DWG.REL	2020.5.19	ZHANG	JIN



- Material
 - ØHousing : PA66, UL94V-0
 - ØCover : PA66, UL94V-0
 - ØContact : Copper alloy
 - ØButton : PA66, UL94V-0
 - ØReed : Stainless steel
 - ØSpanner : PA66, UL94V-0
- Electrical
 - UL IEC
 - Rated voltage : 300V 320V
 - Rated current : 10A 13.4A
 - Contact resistance : 20mΩ(Max)
 - Insulation resistance : 500MΩ/DC500V
 - Withstanding Voltage : AC1600V/1min
 - Wire range : 2B-16AWG 0.2-1.5mm²
- Mechanical
 - Operating temperature : -40°C ~ +105°C
 - Soldering temperature : 250°C ± 5/5sec
 - Strip length : 10-11mm

• RoHS compliance

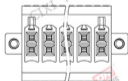
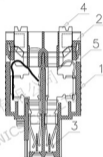
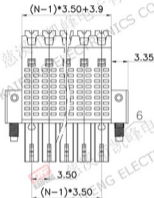
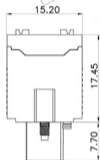
HOW TO ORDER

KF12EDHF-3.5-2*XXP-1 X-XXXXX



Pitch range	Nominal dimension range	PROJECTION	UNIT	TITLE
$\times 0$ $\times 6$ $\times 10$ $\times 15$ $\times 20$ $\times 30$ $\times 40$ $\times 50$ $\times 60$ $\times 70$ $\times 80$ $\times 90$ $\times 100$ $\times 120$ $\times 150$	$\times 0$ $\times 6$ $\times 10$ $\times 15$ $\times 20$ $\times 30$ $\times 40$ $\times 50$ $\times 60$ $\times 70$ $\times 80$ $\times 90$ $\times 100$ $\times 120$ $\times 150$	$\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{8}$ $\frac{1}{16}$	mm	KF12EDHF-3.5-2*XXP-1X
± 0.15 ± 0.30 ± 0.50 ± 0.80 ± 1.00 ± 1.50 ± 2.00	± 0.15 ± 0.30 ± 0.50 ± 0.80 ± 1.00 ± 1.50 ± 2.00	$\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{8}$ $\frac{1}{16}$	A4	SERIES KF12EDHF
DRAWING TYPE CUSTOMER DRAWING		慈溪市凯峰电子有限公司 CIXI KAIFENG ELECTRONICS CO.,LTD		
SCALE 1:1 SHEET 1 OF 1				
DRAWING NO. W10001972				

REV.	DESCRIPTION	DATE	DRAFTER	APPROVER
A1	DWG.REL	2020.5.19	ZHANG	JIN



- Material
 - ①Housing : PA66, UL94V-0
 - ②Cover : PA66, UL94V-0
 - ③Contact : Copper alloy
 - ④Button : PA66, UL94V-0
 - ⑤Reed : Stainless steel
 - ⑥Screw : M2.0,Steel

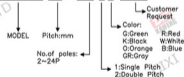
- Electrical
 - UL IEC
 - Rated voltage : 300V 320V
 - Rated current : 10A 13.4A
 - Contact resistance : 20mΩ(Max)
 - Insulation resistance : 500MΩ/DC500V
 - Withstanding Voltage : AC1600V/1min
 - Wire range : 28-16AWG 0.2-1.5mm²

- Mechanical
 - Operating temperature: -40℃~+105℃
 - Soldering temperature: 250℃±5/5sec
 - Strip length: 10-11mm

- RoHS compliance

HOW TO ORDER

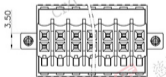
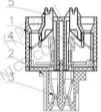
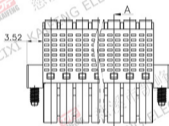
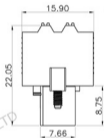
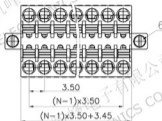
KF12EDHM-3.5-2*XXP-1 X-XXXX



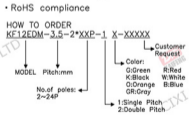
Pitch range		Nominal dimension range				PROJECTION	TITLE
>0	>6	>10	>0	>30	>60	>100	6.1/10
6	10	24	30	60	100	150	<
±0.15/±0.20		±0.30	±0.30	±0.50	±0.70	±1.00	±1.30
							±2
DRAWING TYPE		CUSTOMER DRAWING					
SCALE		1:1 SHEET 1 OF 1					
DRAWING NO.		W10001962					
UNIT		mm					
SHEET SIZE		A4					
SERIES		KF12EDHM					
TITLE		KF12EDHM-3.5-2*XXP-1X					

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REV.	DESCRIPTION	DATE	DRAFTER	APPROVER
A1	DWG.REL	2020.5.19	ZHANG	JIN



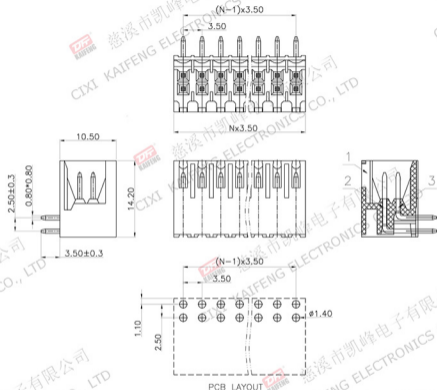
- Material
 - ①Housing : PA66, UL94V-0
 - ②Cover : PA66, UL94V-0
 - ③Contact : Copper alloy, Tin plated
 - ④Reed : Stainless steel
 - ⑤Button : PA66, UL94V-0
 - ⑥Screw : M2.0 Steel, Zinc plated
- Electrical
 - UL IEC
 - Rated voltage : 300V 320V
 - Rated current : 10A 13.4A
 - Contact resistance : 20mΩ(Max)
 - Insulation resistance: 500MΩ/DC500V
 - Withstanding Voltage : AC1600V/1min
 - Wire range : 28-16AWG 0.2-1.5mm²
- Mechanical
 - Operating temperature: -40℃~+105℃
 - Soldering temperature: 250℃±5/5sec
 - Strip length: 7-8mm



Pitch range	Nominal dimension range	PROJECTION	UNIT	TITLE
>0	>0	6.1/10	mm	KF12EDM-3.5-2*XXP-1X
≤6	≤6	<	SHEET SIZE	A4
≤15	≤15	±2	SERIES	KF12EDM
DRAWING TYPE		CUSTOMER DRAWING		
SCALE		1:1 SHEET 1 OF 1		
DRAWING NO.		W10001032		

DF 慈溪市凯峰电子有限公司
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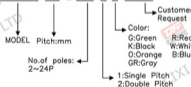
REV.	DESCRIPTION	DATE	DRAFTER	APPROVER
A1	DWG.REL	2020.5.20	ZHANG	JIN



- Material
 - ①Housing : PA66, UL94V-0
 - ②Long Pin: Copper alloy, Tin plated
 - ③Short Pin: Copper alloy, Tin plated
- Electrical
 - UL IEC
 - Rated voltage : 300V 320V
 - Rated current : 10A 13.4A
 - Contact resistance : 20mΩ(Max)
 - Insulation resistance: 500MΩ/DC500V
 - Withstanding Voltage : AC1600V/1min
- Mechanical
 - Operating temperature: -40°C ~ +105°C
 - Soldering temperature: 250°C ± 5/5sec
- RoHS compliance

HOW TO ORDER

KF12EDR-3.5-2*XXP-1 X-XXXXX

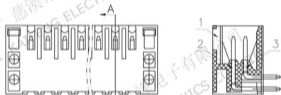
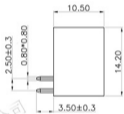
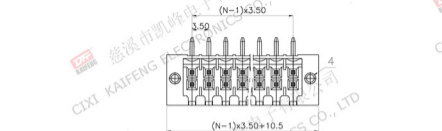


Pitch range	Nominal dimension range	PROJECTION	UNIT	TITLE						
>0	>6	>10	>30	>60	>100	>150	0.1/10	mm	KF12EDR-3.5-2*XXP-1X	
0.8	10	24	30	60	100	150	<	SHEET SIZE	A4	
±0.15(±0.20)	±0.30	±0.30	±0.50	±0.70	±1.00	±1.30	±2		SERIES	KF12EDR
DRAWING TYPE		CUSTOMER DRAWING								
SCALE		1:1 SHEET 1 OF 1								
DRAWING NO.		W10001022								



慈溪市凯峰电子有限公司
CIXI KAIFENG ELECTRONICS CO.,LTD

REV.	DESCRIPTION	DATE	DRAFTER	APPROVER
A1	DWG.REL	2020.5.20	ZHANG	JIN



- Material
 - ØHousing: PA66, UL94V-0
 - ØLong Pin: Copper alloy, Tin plated
 - ØShort Pin: Copper alloy, Tin plated
 - ØNut: M2.0, steel, Zinc plate
- Electrical
 - UL IEC
 - Rated voltage: 300V 320V
 - Rated current: 10A 13.4A
 - Contact resistance: 20mΩ(Max)
 - Insulation resistance: 500MΩ/DC500V
 - Withstanding Voltage: AC1600V±1min
- Mechanical
 - Operating temperature: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
 - Soldering temperature: $250^{\circ}\text{C} \pm 5/5\text{sec}$
- RoHS compliance

HOW TO ORDER

KF12EDRM-3.5-2*XXP-1 X-XXXX



PROJECTION

UNIT

SHEET SIZE

SCALE

DRAWING NO.

TITLE

SERIES

QTY

DATE

BY

CHECKED

APPROVED

DATE

BY

CHECKED

APPROVED

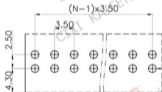
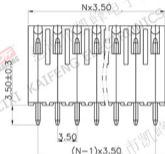
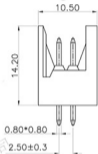
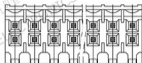
DATE

Pitch range	Nominal dimension range	PROJECTION	UNIT	TITLE
>0	>0	6.1/10	mm	KF12EDRM-3.5-2*XXP-1X
>6	>30	<	A4	SERIES: KF12EDRM
8	10			
10	24			
30	30			
60	60			
100	100			
150	150			
>150	>150			
±0.15	±0.20			
±0.30	±0.30			
±0.50	±0.50			
±0.70	±1.00			
±1.30	±2			
CUSTOMER DRAWING				
SCALE	1:1	SHEET	1	OF 1
DRAWING NO.	W10001042			



慈溪市凯峰电子有限公司
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REV.	DESCRIPTION	DATE	DRAFTER	APPROVER
A1	DWG.REL	2020.5.20	ZHANG	JIN



PCB LAYOUT

- Material
 ØHousing : PA66, UL94V-0
 ØPin header : Copper alloy, Tin plated
- Electrical
 UL IEC
 Rated voltage : 300V 320V
 Rated current : 10A 13.4A
 Contact resistance : 20mΩ(Max)
 Insulation resistance : 500MΩ/DC500V
 Withstanding Voltage : AC1600V/1min
- Mechanical
 Operating temperature: -40℃~+105℃
 Soldering temperature: 250℃±5/5sec
- RoHS compliance

HOW TO ORDER

KF12EDV-3.5-2*XXP-1 X-XXXX

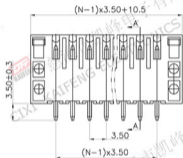
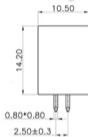
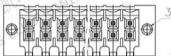


Pitch range		Nominal dimension range				PROJECTION	UNIT	TITLE	
>0	>6	>10	>0	>30	>60	>100	6.1/10	KF12EDV-3.5-2*XXP-1X	
6	10	24	30	60	100	150	<	SHEET SIZE A4	
±0.15/±0.20		±0.30	±0.30	±0.50	±0.70	±1.00	±1.30	±2	
DRAWING TYPE		CUSTOMER DRAWING		SCALE		1:1 SHEET		1 OF 1	
DRAWING NO.		W10001012							

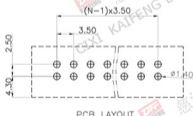


慈溪市凯峰电子有限公司
 CIXI KAIFENG ELECTRONICS CO.,LTD

REV.	DESCRIPTION	DATE	DRAFTER	APPROVER
A1	DWG.REL	2020.5.20	ZHANG	JIN



SECTION A-A

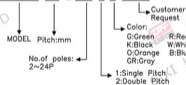


PCB LAYOUT

- Material
 - ØHousing : PA66, UL94V-0
 - ØPin header : Copper alloy, Tin plated
 - ØNut : M2.0, steel ,Zinc plate
- Electrical
 - UL IEC
 - Rated voltage : 300V 320V
 - Rated current : 10A 13.4A
 - Contact resistance : 20mΩ(Max)
 - Insulation resistance: 500MΩ/DC500V
 - Withstanding Voltage : AC1600V/1min
- Mechanical
 - Operating temperature: -40°C ~ +105°C
 - Soldering temperature: 250°C ± 5/5sec
- RoHS compliance

HOW TO ORDER

KF12EDVM-3.5-2*XXP-1 X-XXXX



Pitch range		Nominal dimension range		PROJECTION	UNIT	TITLE			
>0	>6	>10	>0	>30	>60	>100	6.1/10	mm	KF12EDVM-3.5-2*XXP-1X
6	10	24	30	60	100	150	<	SHEET SIZE	A4
±0.15 (±0.20)		±0.30 (±0.30)		±0.50 (±0.50)		±0.70 (±1.00)		±1.30 ±2	
DRAWING TYPE		CUSTOMER DRAWING		PROJECTION		TITLE		SERIES	
SCALE		1:1		SHEET		1 OF 1		KF12EDVM	
DRAWING NO.		W10001052		DRAWING NO.		W10001052		KF12EDVM	



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