

P.C.B. LAYOUT

REV.	DESCRIPTION	DATE	DRAFTER	APPROVER
A1	DWG.REL	2020.6.02	ZHANG	JIN

- Material  
 ØHousing : PA66, UL94V-0  
 ØPin header : Copper alloy, Tin plated
- Electrical  
 UL IEC  
 Rated voltage : 300V 250V  
 Rated current : 8A 7A  
 Contact resistance : 20mΩ(Max)  
 Insulation resistance : 500MΩ/DC500V  
 Withstanding Voltage : AC1500V/1min
- Mechanical  
 Operating temperature: -40°C ~ +105°C  
 Soldering temperature: 250°C ± 5/5sec
- RoHS compliance

HOW TO ORDER

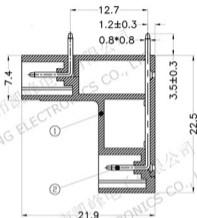
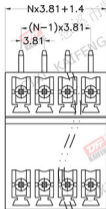
KF12ETR-3.5-2\*XXP-1 X-XXXXX



Pitch range		Nominal dimension range				PROJECTION	UNIT	TITLE	
>0	>6	>10	>0	>30	>60	>100	6.1/10	KF12ETR-3.5-2*XXP-1X	
~	~	~	~	~	~	~	≤		
±0.15(±0.20)	±0.30	±0.30	±0.30	±0.50	±0.70	±1.00	±1.30	±2	
DRAWING NO.		W10001422		PROJECTION		UNIT		TITLE	
SCALE		1:1		SHEET		1 OF 1		SERIES	
DRAWING NO.		W10001422		PROJECTION		UNIT		TITLE	

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

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A1	DWG.REL	2020.6.02	ZHANG	JIN

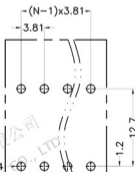


- Material  
 Housing : PA66, UL94V-0  
 Pin header : Copper alloy, Tin plated

- Electrical  
 UL IEC  
 Rated voltage : 300V 250V  
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 Contact resistance : 20mΩ(Max)  
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- Mechanical  
 Operating temperature: -40°C ~ +105°C  
 Soldering temperature: 250°C ± 5/5sec

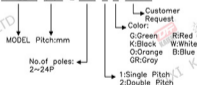
- RoHS compliance



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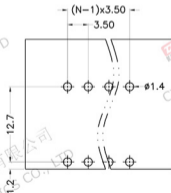
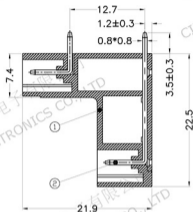
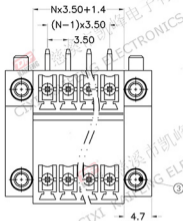
#### HOW TO ORDER

KF12ETR-3.81-2\*XXP-1 X-XXXXX



Pitch range	Nominal dimension range	PROJECTION	TITLE
>0	>0	6.1/10	KF12ETR-3.81-2*XXP-1X
>6	>30	UNIT	mm
>10	>60	SHEET SIZE	A4
>24	>100	SERIES	KF12ETR
>30	>150		
>60	>150		
>100	>150		
>150	>150		
±0.15(±0.20)	±0.30(±0.50)		
±0.30(±0.50)	±0.70(±1.00)		
±1.30	±2		
DRAWING TYPE		CUSTOMER DRAWING	
SCALE		1:1 SHEET 1 OF 1	
DRAWING NO.		W10001462	

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A1	DWG.REL	2020.6.02	ZHANG	JIN

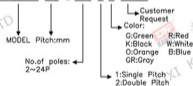
• Material  
 ØHousing : PA66, UL94V-0  
 ØPin header : Copper alloy, Tin plated  
 ØNut : M2.5, Copper alloy

• Electrical  
 UL IEC  
 Rated voltage : 300V 250V  
 Rated current : 8A 7A  
 Contact resistance : 20mΩ(Max)  
 Insulation resistance : 500MΩ/DC500V  
 Withstanding Voltage : AC1500V/1min

• Mechanical  
 Operating temperature: -40°C ~ +105°C  
 Soldering temperature: 250°C ± 5/5sec

• RoHS compliance

HOW TO ORDER  
 KF12ETRM-3.5-2\*XXP-1 X-XXXX



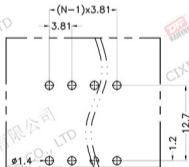
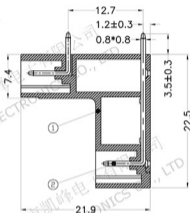
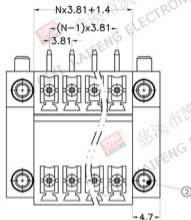
Pitch range	Nominal dimension range	PROJECTION	TITLE
>0	>0	0.1/10	KF12ETRM-3.5-2*XXP-1X
>6	>30	<	SHEET SIZE A4
6	10 24 30		SERIES KF12ETRM
>10	>60		
>15	>100		
>20	>150		
>30	>210		
>40	>300		
>50	>400		
>60	>500		
>70	>600		
>80	>700		
>90	>800		
>100	>900		
>110	>1000		
>120	>1100		
>130	>1200		
>140	>1300		
>150	>1400		
>160	>1500		
>170	>1600		
>180	>1700		
>190	>1800		
>200	>1900		
>210	>2000		
>220	>2100		
>230	>2200		
>240	>2300		
>250	>2400		
>260	>2500		
>270	>2600		
>280	>2700		
>290	>2800		
>300	>2900		
>310	>3000		
>320	>3100		
>330	>3200		
>340	>3300		
>350	>3400		
>360	>3500		
>370	>3600		
>380	>3700		
>390	>3800		
>400	>3900		
>410	>4000		
>420	>4100		
>430	>4200		
>440	>4300		
>450	>4400		
>460	>4500		
>470	>4600		
>480	>4700		
>490	>4800		
>500	>4900		
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>520	>5100		
>530	>5200		
>540	>5300		
>550	>5400		
>560	>5500		
>570	>5600		
>580	>5700		
>590	>5800		
>600	>5900		
>610	>6000		
>620	>6100		
>630	>6200		
>640	>6300		
>650	>6400		
>660	>6500		
>670	>6600		
>680	>6700		
>690	>6800		
>700	>6900		
>710	>7000		
>720	>7100		
>730	>7200		
>740	>7300		
>750	>7400		
>760	>7500		
>770	>7600		
>780	>7700		
>790	>7800		
>800	>7900		
>810	>8000		
>820	>8100		
>830	>8200		
>840	>8300		
>850	>8400		
>860	>8500		
>870	>8600		
>880	>8700		
>890	>8800		
>900	>8900		
>910	>9000		
>920	>9100		
>930	>9200		
>940	>9300		
>950	>9400		
>960	>9500		
>970	>9600		
>980	>9700		
>990	>9800		
>1000	>9900		

SCALE	CUSTOMER DRAWING
1:1	1 OF 1
DRAWING NO.	W10001432



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- Material  
 ◊Housing : PA66, UL94V-0  
 ◊Pin header : Copper alloy, Tin plated  
 ◊Nut : M2.5, Copper alloy
- Electrical  
 UL IEC  
 Rated voltage : 300V 250V  
 Rated current : 8A 7A  
 Contact resistance : 20mΩ(Max)  
 Insulation resistance : 500MΩ/DC500V  
 Withstanding Voltage : AC1500V/1min
- Mechanical  
 Operating temperature: -40℃~+105℃  
 Soldering temperature: 250℃±5/5sec
- RoHS compliance

HOW TO ORDER

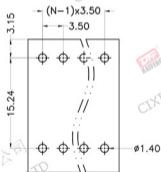
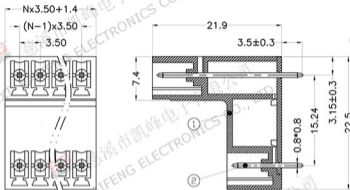
KF12ETRM-3.81-2\*XXP-1 X-XXXX



Pitch range	Nominal dimension range	PROJECTION	TITLE
>0	>0	6.1/10	KF12ETRM-3.81-2*XXP-1X
>6	>30	>60	>100
8	10	24	30
±0.15(±0.20)	±0.30(±0.30)	±0.50(±0.50)	±1.00(±1.30)
SCALE		CUSTOMER DRAWING	
DRAWING NO.		W10001472	



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A1	DWG.REL	2020.6.02	ZHANG	JIN

- Material  
 ØHousing : PA66, UL94V-0  
 ØPin header : Copper alloy, Tin plated
- Electrical  
 UL IEC  
 Rated voltage : 300V 250V  
 Rated current : 8A 7A  
 Contact resistance : 20mΩ(Max)  
 Insulation resistance: 500MΩ/DC500V  
 Withstanding Voltage : AC1500V/1min
- Mechanical  
 Operating temperature: -40°C ~ +105°C  
 Soldering temperature: 250°C ± 5/5sec
- RoHS compliance

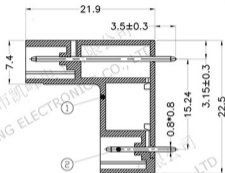
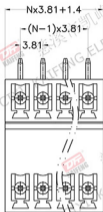
HOW TO ORDER

KF12ETV-3.5-2\*XXP-1 X-XXXX

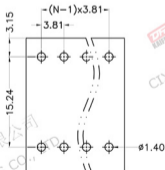


Pitch range	Nominal dimension range	PROJECTION	TITLE
>0	>0	6.1/10	KF12ETV-3.5-2*XXP-1X
>6	>30	<	SHEET SIZE A4
8	10 24 30 60 100 150		SERIES KF12ETV
±0.15(±0.20)	±0.30(±0.30) ±0.50(±0.50) ±0.70(±1.00) ±1.30 ±2		
DRAWING TYPE	CUSTOMER DRAWING	慈溪市凯峰电子有限公司 CIXI KAIFENG ELECTRONICS CO.,LTD	
SCALE	1:1 SHEET 1 OF 1		
DRAWING NO.	W10001402		

REV.	DESCRIPTION	DATE	DRAFTER	APPROVER
A1	DWG.REL	2020.6.02	ZHANG	JIN



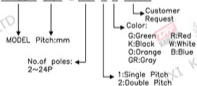
- Material  
 ØHousing : PA66, UL94V-0  
 ØPin header : Copper alloy, Tin plated
- Electrical  
 UL IEC  
 Rated voltage : 300V 250V  
 Rated current : 8A 7A  
 Contact resistance : 20mΩ(Max)  
 Insulation resistance : 500MΩ/DC500V  
 Withstanding Voltage : AC1500V/1min
- Mechanical  
 Operating temperature: -40°C ~ +105°C  
 Soldering temperature: 250°C ± 5/5sec
- RoHS compliance



P.C.B.LAYOUT

#### HOW TO ORDER

KF12ETV-3.81-2\*XXP-1 X-XXXXX

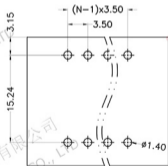
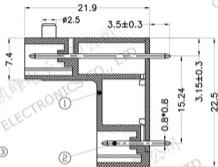
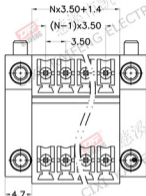


Pitch range		Nominal dimension range				PROJECTION	TITLE					
>0	>6	>10	>0	>30	>60	>100	>150	UNIT	mm	TITLE	KF12ETV-3.81-2*XXP-1X	
6	10	24	30	60	100	150	≥150	SHEET SIZE	A4	SERIES	KF12ETV	
±0.15	±0.20	±0.30	±0.30	±0.50	±0.70	±1.00	±1.30	DRAWING TYPE				CUSTOMER DRAWING
SCALE		1:1		SHEET		1 OF 1		DRAWING NO.				W10001442



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REV.	DESCRIPTION	DATE	DRAFTER	APPROVER
A1	DWG.REL	2020.6.02	ZHANG	JIN

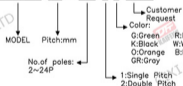


P.C.B. LAYOUT

- Material
  - ⊙Housing : PA66, UL94V-0
  - ⊙Pin header : Copper alloy, Tin plated
  - ⊙Nut : M2.5, Copper alloy
- Electrical
  - UL IEC
  - Rated voltage : 300V 250V
  - Rated current : 8A 7A
  - Contact resistance : 20mΩ(Max)
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- Mechanical
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- RoHS compliance

HOW TO ORDER

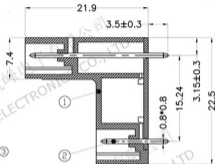
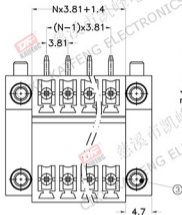
KF12ETVM-3.5-2\*XXP-1 X-XXXXX



Pitch range	Nominal dimension range	PROJECTION	UNIT	TITLE
>0	>0	0.1/10	mm	KF12ETVM-3.5-2*XXP-1X
>6	>30	<	A4	SHEET SIZE
8	10			SERIES
>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			
±2				
DRAWING TYPE		CUSTOMER DRAWING		
SCALE		1:1 SHEET 1 OF 1		
DRAWING NO.		W10001412		

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REV.	DESCRIPTION	DATE	DRAFTER	APPROVER
A1	DWG.REL	2020.6.02	ZHANG	JIN

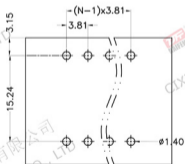


- Material
  - ①Housing : PA66, UL94V-0
  - ②Pin header : Copper alloy, Tin plated
  - ③Nut : M2.5, Copper alloy

- Electrical
  - UL IEC
  - Rated voltage : 300V 250V
  - Rated current : 8A 7A
  - Contact resistance : 20mΩ(Max)
  - Insulation resistance: 500MΩ/DC500V
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- Mechanical
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  - Soldering temperature: 250℃±5/5sec

- RoHS compliance



P.C.B.LAYOUT

#### HOW TO ORDER

KF12ETVM-3.81-2\*XXP-1 X-XXXXX



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.		W10001452					
UNIT		mm					
SHEET SIZE		A4					
SERIES		KF12ETVM					
TITLE		KF12ETVM-3.81-2*XXP-1X					

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