

Excellent Integrated System Limited

Stocking Distributor

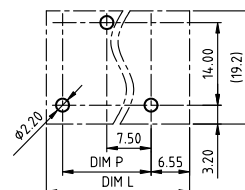
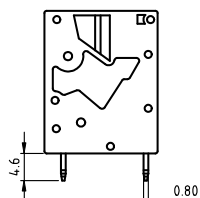
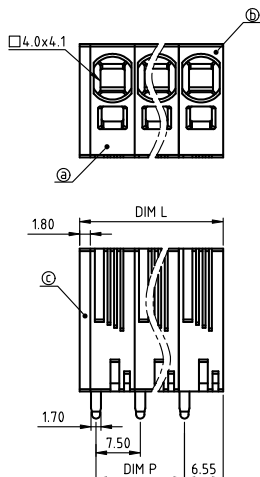
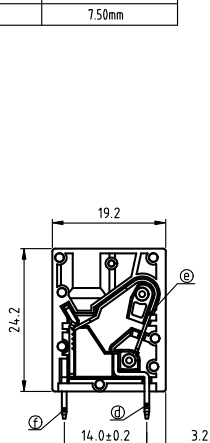
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[NK02A02100J0G](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PRODUCT NUMBER	PITCH
NKxxA0x100J0G	7.50mm



RECOMMENDED P.C.B LAYOUT
TOP VIEW

Material:

- Item**Ⓐ**Terminal body: Thermoplastic (UL94V-0)
- Item**Ⓑ**Terminal side body: Thermoplastic (UL94V-0)
- Item**Ⓒ**Terminal cover: Thermoplastic (UL94V-0)
- Item**Ⓓ**Solder pin1:Copper, Tin Plated.
- Item**Ⓔ**Spring clamp: Stainless steel
- Item**Ⓕ**Solder pin2:Copper, Tin Plated.

Electrical: Use group(B,C) Use group(D)

- | Electrical: | Use group(b, c) | Use group |
|--------------------------|-----------------|-----------|
| ● Voltage rating: | 300V | 600V |
| ● Current rating(Sol): | 30A | 5A |
| ● Current rating(Str): | 35 A | 5A |
| ● Solid wire(AWG): | 10-24 | |
| ● Stranded wire(AWG): | 8-24 | |
| ● Wire strip length: | 15-16 mm | |
| ● Withstanding Voltage: | 1.6KV | |
| ● Operating temperature: | -40°C to +115°C | |
| ● Soldering temperature: | 260°C±5°C/5 Sec | |
| ● Safety Approval: | UL | |

N=Number of poles
Dim L= $N \times 7.5 + 1.8$
Dim P= $(N-1) \times 7.5$

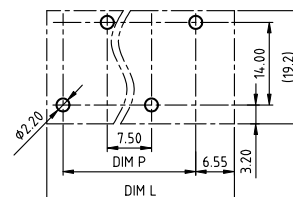
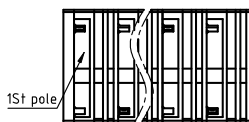
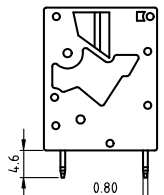
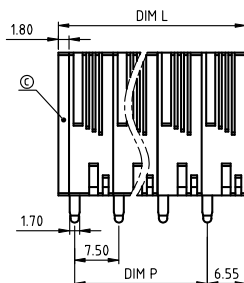
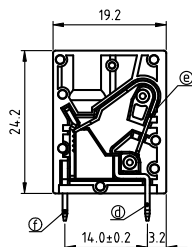
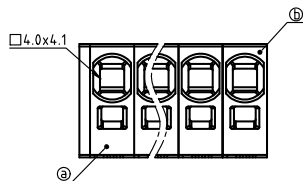
POLES	Dim L	Dim P
3p/5p	± 0.15	± 0.15
7p/9p/11p	± 0.25	± 0.25
13p/15p	± 0.35	± 0.35

PART NO.: NK xx A0 x 100J0 G

No. of poles	Color	RoHS compliant (lead<4%) in copper Alloy
End Stackable	0 Black (RAL9005)	
03 3 poles	2 Red (RAL3001/D)	
05 5 poles	3 Orange(RAL2011/P)	
...	4 Yellow(RAL1018/A)	
...	5 Green(RAL6018/T)	
15 15 poles	6 Blue (RAL5015/A)	
	8 Grey(RAL 7004 /P)	
	9 White(RAL1102)	
	C Multiple colors	

mat'l. code				surface ASME Y14.5 ✓ tolerance ASME Y14.5		projection 		product family TERMINAL BLOCK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM		title TERMINAL BLOCK	
				angles X±0.5 Y±0.3 Z±0.1		scale		SPRING CLAMP,90D WIRE INLET,INTERLACE TAIL B TYPE ODD POLES	
				X±1° Y±1° Z±1°				dwg no sheet 1 of 2 size	
				engr EVIN ZHONG 060514				NKxxA0x100JOG A4	
				dwr EVIN ZHONG 060514					
				chr HANKE FENG 060514					
				appd SHI JUN 060514				type CUSTOMER Drawing	
sheet index		revision sheet		A	1				

PRODUCT NUMBER	PITCH
NKxxA0x100J0G	7.50mm



RECOMMENDED P.C.B LAYOUT
TOP VIEW

Material:

- Item④Terminal body: Thermoplastic (UL94V-0)
- Item⑤Terminal side body: Thermoplastic (UL94V-0)
- Item⑥Terminal cover: Thermoplastic (UL94V-0)
- Item⑦Solder pin1:Copper,Tin Plated.
- Item⑧Spring clamp: Stainless steel
- Item⑨Solder pin2:Copper,Tin Plated.

cULys

- | Electrical: | Use group(B,C) | Use group(D) |
|--------------------------|---|--------------|
| ● Voltage rating: | 300V | 600V |
| ● Current rating(Sol): | 30A | 5A |
| ● Current rating(Str): | 35 A | 5A |
| ● Solid wire(AWG): | 10-24 | |
| ● Stranded wire(AWG): | 8-24 | |
| ● Wire strip length: | 15-16 mm | |
| ● Withstanding Voltage: | 16KV | |
| ● Operating temperature: | -40°C to +115°C | |
| ● Soldering temperature: | 260°C±5°C/5 Sec | |
| ● Safety Approval: |  | |

N=Number of poles
Dim L= $N \times 7.5 + 1.8$
Dim P= $(N-1) \times 7.5$

POLES	Dim L	Dim P
2p/4p/6P	±0.15	±0.15
8p/10p/12p	±0.25	±0.25
14p/16p	±0.35	±0.35

PART NO.: NK xx A0 x 100J0 G

	No. of poles	Color	RoHS compliant (lead<4%) in copper Alloy
End Stackable	0	Black (RAL9005)	
02 2 poles	2	Red (RAL3001/D)	
04 4 poles	3	Orange(RAL2011/P)	
...	4	Yellow(RAL1018/A)	
...	5	Green(RAL6018/T)	
16 16 poles	6	Blue (RAL5015/A)	
	8	Grey(RAL 7004 /P)	
	9	White(RAL1102)	
	C	Multiple colors	

mat'l. code					surface ASME Y14.5 ✓		tolerance ASME Y14.5		projection 		product family TERMINAL BLOCK					
ltr	ecn	no	dr	date	tolerances unless otherwise specified							title TERMINAL BLOCK				
					angles	X, ±0.5					scale 		SPRING CLAMP, 90D WIRE INLET, INTERLACE TAIL, B TYPE EVEN POLES			
					UNFINISHED	X, X±0.3							dwg no			
					X±1°	X, X±0.1							sheet 2 of 2 size			
					eng	EVIN ZHONG	060514				NKxxA0x100J0G					
					dr	EVIN ZHONG	060514				A4					
					chr	HANKE FENG	060514				type					
					appd	SHI JUN	060514				CUSTOMER Drawing					
sheet		revision		A												
index		sheet		2												

form: A4mmXLc

PDS: Rev :A

STATUS:Released

Printed: Jul 22, 2014