

NOTE:  
 1. MATERIAL AND FINISH  
 SHELL ASSEMBLY: COPPER ALLOY, OUTER SHELL AND COLLECT NUT Cr PLATING, OTHER METALLIC COMPONENTS Ni PLATING  
 INSULATOR: PEEK  
 CONTACT: COPPER ALLOY, GOLD PLATING OVER Ni  
 2. DURABILITY: 5000 CYCLES  
 3. PROTECTION INDEX(MATED): IP66/IP68, IP68 ACHIEVED PROVIDING THAT THE CABLE IS PERFECTLY CIRCULAR AND THAT ASSEMBLY PROCESS ENSURES A HIGH INTEGRITY SEAL.  
 4. HUMIDITY: UP TO 95% AT 60°C  
 5. TEMPERATURE: -55°C,+200°C  
 6. ROHS COMPLIANCE  
 7. PART NO.

R - F 2 K R \* \* 0 \* 0 0 \* 0 0

CONTACT POS.  
02-32=2pin-32pin

SHELL MATERIAL  
0=Brass

CODE	CONTACT TYPE
4	Female Solder Contact
2	Male Solder Contact

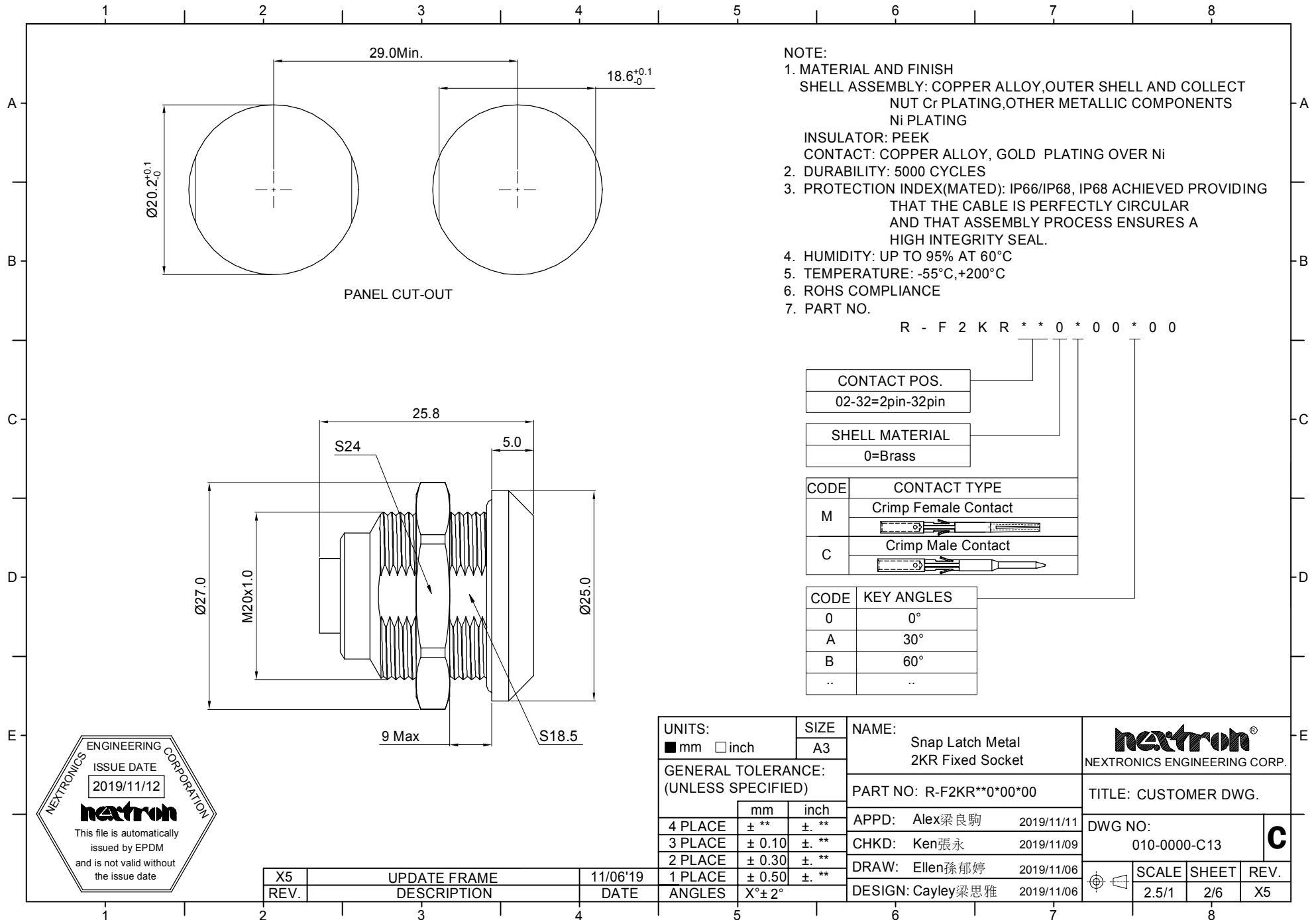
CODE	KEY ANGLES
0	0°
A	30°
B	60°
..	..



X5	UPDATE FRAME	11/06'19
REV.	DESCRIPTION	DATE

UNITS:	SIZE	NAME:	nexttron® NEXTRONICS ENGINEERING CORP.
mm inch	A3	Snap Latch Metal 2KR Fixed Socket	
GENERAL TOLERANCE: (UNLESS SPECIFIED)		PART NO: R-F2KR**0*00*00	TITLE: CUSTOMER DWG.
4 PLACE	± **	APPD: Alex梁良駒 2019/11/11	DWG NO: 010-0000-C13
3 PLACE	± 0.10	CHKD: Ken張永 2019/11/09	C
2 PLACE	± 0.30	DRAW: Ellen孫郁婷 2019/11/06	
1 PLACE	± 0.50	DESIGN: Cayley梁思雅 2019/11/06	
ANGLES	X°± 2°	SCALE SHEET REV.	2.5/1 1/6 X5

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 5. TEMPERATURE: -55°C, +200°C  
 6. ROHS COMPLIANCE  
 7. PART NO.

R - F 2 K R \* \* 0 \* 0 0 \* 0 0

CONTACT POS.  
02-32=2pin-32pin

SHELL MATERIAL  
0=Brass

CODE	CONTACT TYPE
M	Crimp Female Contact
C	Crimp Male Contact

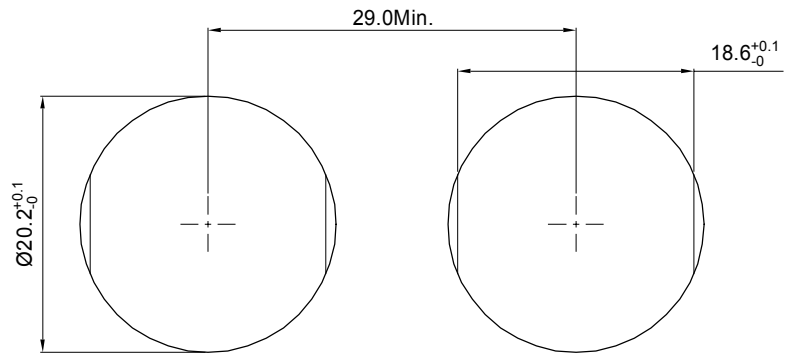
CODE	KEY ANGLES
0	0°
A	30°
B	60°
..	..



X5	UPDATE FRAME	11/06'19
REV.	DESCRIPTION	DATE

UNITS:	SIZE	NAME:	nexttron® NEXTRONICS ENGINEERING CORP.
■ mm □ inch	A3	Snap Latch Metal 2KR Fixed Socket	
GENERAL TOLERANCE: (UNLESS SPECIFIED)		PART NO: R-F2KR**0*00*00	TITLE: CUSTOMER DWG.
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3 PLACE	± 0.10	CHKD: Ken張永 2019/11/09	C
2 PLACE	± 0.30	DRAW: Ellen孫郁婷 2019/11/06	
1 PLACE	± 0.50	DESIGN: Cayley梁思雅 2019/11/06	
ANGLES	X° ± 2°		SCALE SHEET REV. 2.5/1 2/6 X5

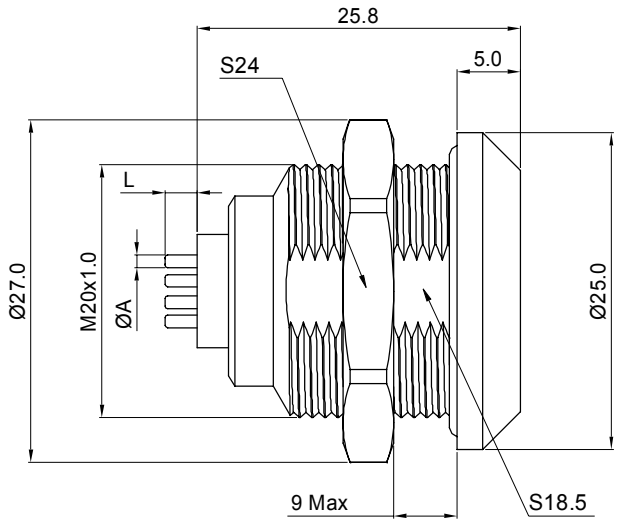
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PANEL CUT-OUT

- NOTE:
- MATERIAL AND FINISH  
SHELL ASSEMBLY: COPPER ALLOY, OUTER SHELL AND COLLECT NUT Cr PLATING, OTHER METALLIC COMPONENTS Ni PLATING  
INSULATOR: PEEK  
CONTACT: COPPER ALLOY, GOLD PLATING OVER Ni
  - DURABILITY: 5000 CYCLES
  - PROTECTION INDEX(MATED): IP66/IP68, IP68 ACHIEVED PROVIDING THAT THE CABLE IS PERFECTLY CIRCULAR AND THAT ASSEMBLY PROCESS ENSURES A HIGH INTEGRITY SEAL.
  - HUMIDITY: UP TO 95% AT 60°C
  - TEMPERATURE: -55°C,+200°C
  - ROHS COMPLIANCE
  - PART NO.

R - F 2 K R \* \* 0 \* 0 0 \* 0 0



CONTACT POS.	02-32=2pin-32pin
SHELL MATERIAL	0=Brass

CODE	CONTACT TYPE
1	Male Print Contact
3	Female Print Contact

CODE	KEY ANGLES
0	0°
A	30°
B	60°
..	..



No. OF CONTACTS	ØA	L
02,03,04,05,06,07,	0.7	3.0
08,10,12,14,16,18,19,	0.7	3.0
26,32,	0.5	3.0

REV.	DESCRIPTION	DATE
X5	UPDATE FRAME	11/06'19

UNITS: ■ mm □ inch	SIZE A3	NAME: Snap Latch Metal 2KR Fixed Socket	 NEXTRONICS ENGINEERING CORP.		
GENERAL TOLERANCE: (UNLESS SPECIFIED)		PART NO: R-F2KR**0*00*00	TITLE: CUSTOMER DWG.		
4 PLACE	± **	mm	APPD: Alex梁良駒	2019/11/11	DWG NO: 010-0000-C13
3 PLACE	± 0.10	inch	CHKD: Ken張永	2019/11/09	
2 PLACE	± 0.30	mm	DRAW: Ellen孫郁婷	2019/11/06	SCALE SHEET REV. 2.5/1 3/6 X5
1 PLACE	± 0.50	inch	DESIGN: Cayley梁思雅	2019/11/06	
ANGLES	X° ± 2°				

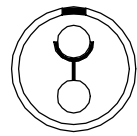
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1 2 3 4 5 6 7 8

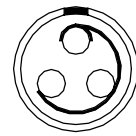
A A

view from termination side pin part

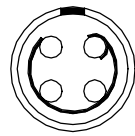
2 POS.



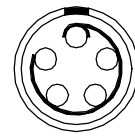
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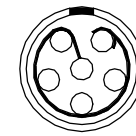
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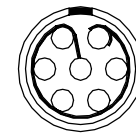
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6 POS.

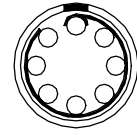


7 POS.

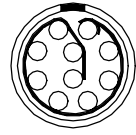


B B

8 POS.



10 POS.



12 POS.



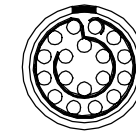
14 POS.



16 POS.

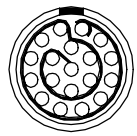


18 POS.

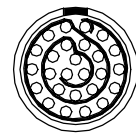


C C

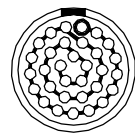
19 POS.



26 POS.



32 POS.



D D

E E

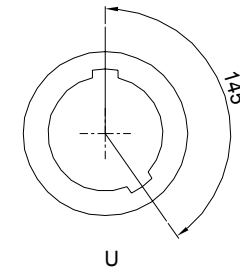
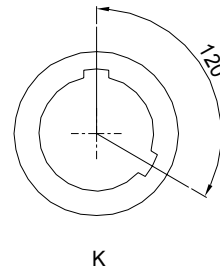
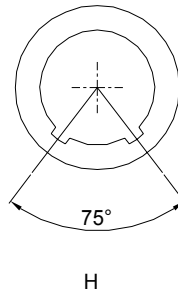
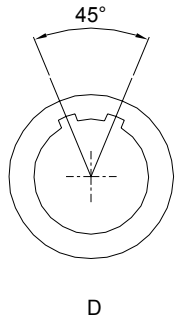
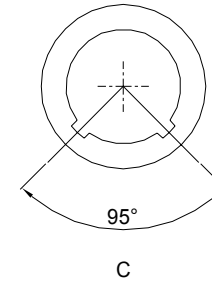
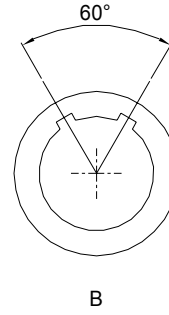
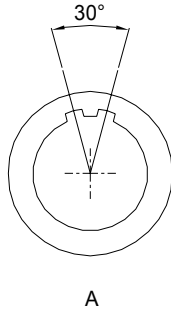
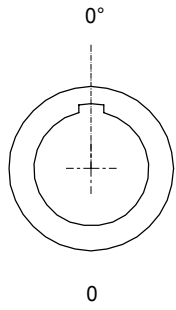
ENGINEERING CORPORATION  
 NEXTRONICS  
 ISSUE DATE  
 2019/11/12  
**nexttron**  
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X5	UPDATE FRAME	11/06'19
REV.	DESCRIPTION	DATE

UNITS: ■ mm □ inch	SIZE A3	NAME: Snap Latch Metal 2KR Fixed Socket	<b>nexttron</b> <sup>®</sup> NEXTRONICS ENGINEERING CORP.		
GENERAL TOLERANCE: (UNLESS SPECIFIED)		PART NO: R-F2KR**0*00*00	TITLE: CUSTOMER DWG.		
	mm	inch	APPD: Alex梁良駒	2019/11/11	DWG NO: 010-0000-C13
4 PLACE	± **	± **	CHKD: Ken張永	2019/11/09	
3 PLACE	± 0.10	± **	DRAW: Ellen孫郁婷	2019/11/06	SCALE SHEET REV. 2.5/1 4/6 X5
2 PLACE	± 0.30	± **	DESIGN: Cayley梁思雅	2019/11/06	
1 PLACE	± 0.50	± **			
ANGLES	X° ± 2°				

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KEY ANGLES (RECEPTACLE FRONT VIEW):

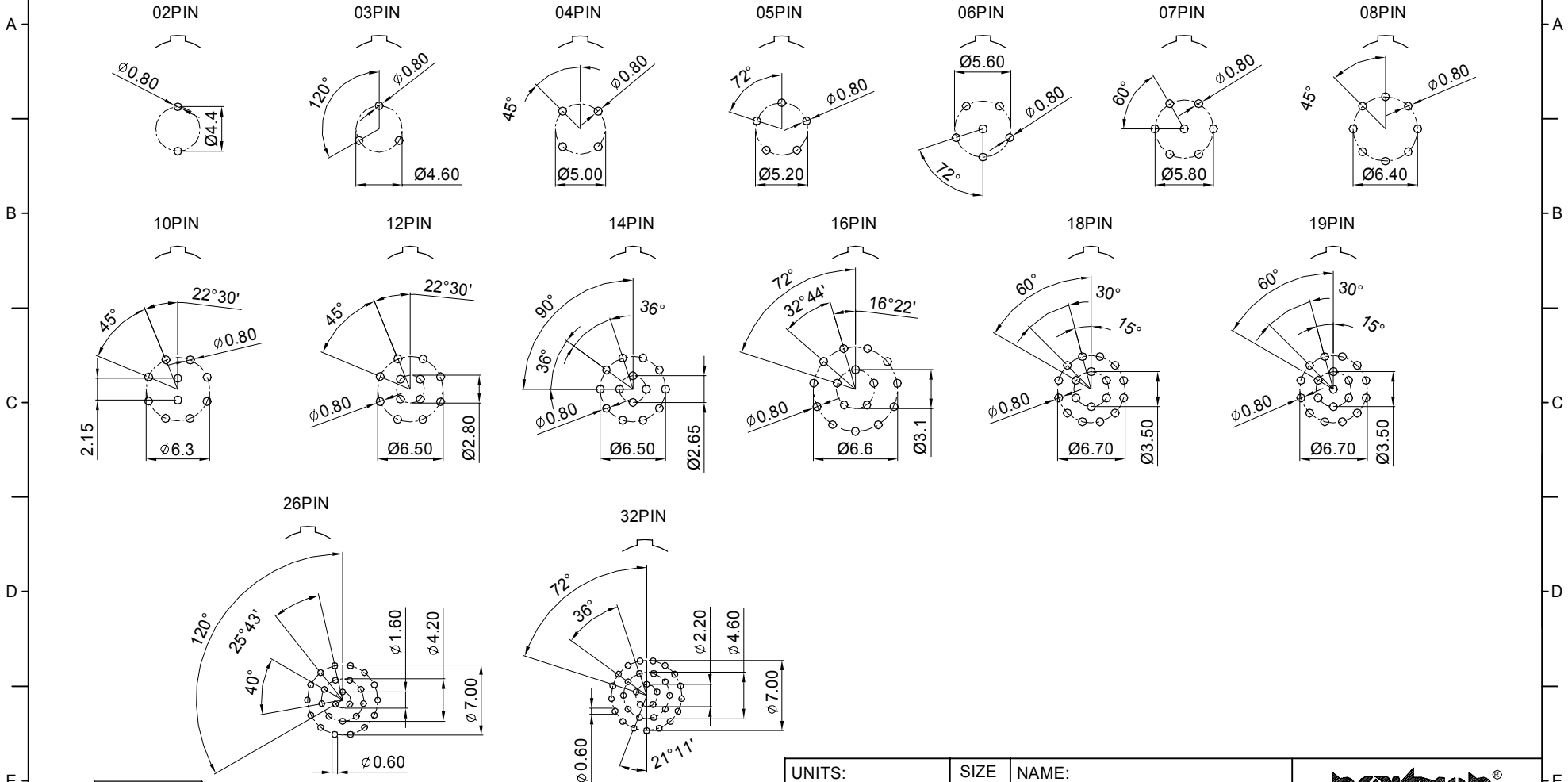


REV.	DESCRIPTION	DATE
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UNITS: ■ mm □ inch	SIZE A3	NAME: Snap Latch Metal 2KR Fixed Socket	 NEXTRONICS ENGINEERING CORP.								
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4 PLACE	± **	± **	CHKD: Ken張永	2019/11/09							
3 PLACE	± 0.10	± **	DRAW: Ellen孫郁婷	2019/11/06	<table border="1"> <tr> <th>SCALE</th> <th>SHEET</th> <th>REV.</th> </tr> <tr> <td>2.5/1</td> <td>5/6</td> <td>X5</td> </tr> </table>	SCALE	SHEET	REV.	2.5/1	5/6	X5
SCALE	SHEET	REV.									
2.5/1	5/6	X5									
2 PLACE	± 0.30	± **	DESIGN: Cayley梁思雅	2019/11/06							
1 PLACE	± 0.50	± **									
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PCB Drilling Pattern



NEXTRONICS ENGINEERING CORPORATION  
 ISSUE DATE  
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**nexttron**  
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4 PLACE ± **	mm ± **	inch ± **	DWG NO: 010-0000-C13								
3 PLACE ± 0.10	mm ± 0.30	inch ± **									
2 PLACE ± 0.30	mm ± 0.50	inch ± **	<table border="1"> <tr> <td>SCALE</td> <td>SHEET</td> <td>REV.</td> </tr> <tr> <td>2.5/1</td> <td>6/6</td> <td>X5</td> </tr> </table>	SCALE	SHEET	REV.	2.5/1	6/6	X5		
SCALE	SHEET	REV.									
2.5/1	6/6	X5									
1 PLACE ± 0.50	mm X° ± 2°	inch ± **	<table border="1"> <tr> <td>APPD: Alex梁良駒</td> <td>2019/11/11</td> </tr> <tr> <td>CHKD: Ken張永</td> <td>2019/11/09</td> </tr> <tr> <td>DRAW: Ellen孫郁婷</td> <td>2019/11/06</td> </tr> <tr> <td>DESIGN: Cayley梁思雅</td> <td>2019/11/06</td> </tr> </table>	APPD: Alex梁良駒	2019/11/11	CHKD: Ken張永	2019/11/09	DRAW: Ellen孫郁婷	2019/11/06	DESIGN: Cayley梁思雅	2019/11/06
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