

1 2 3 4 5 6 7 8 9 10

A

B

C

D

E

F

G

H

A

B

C

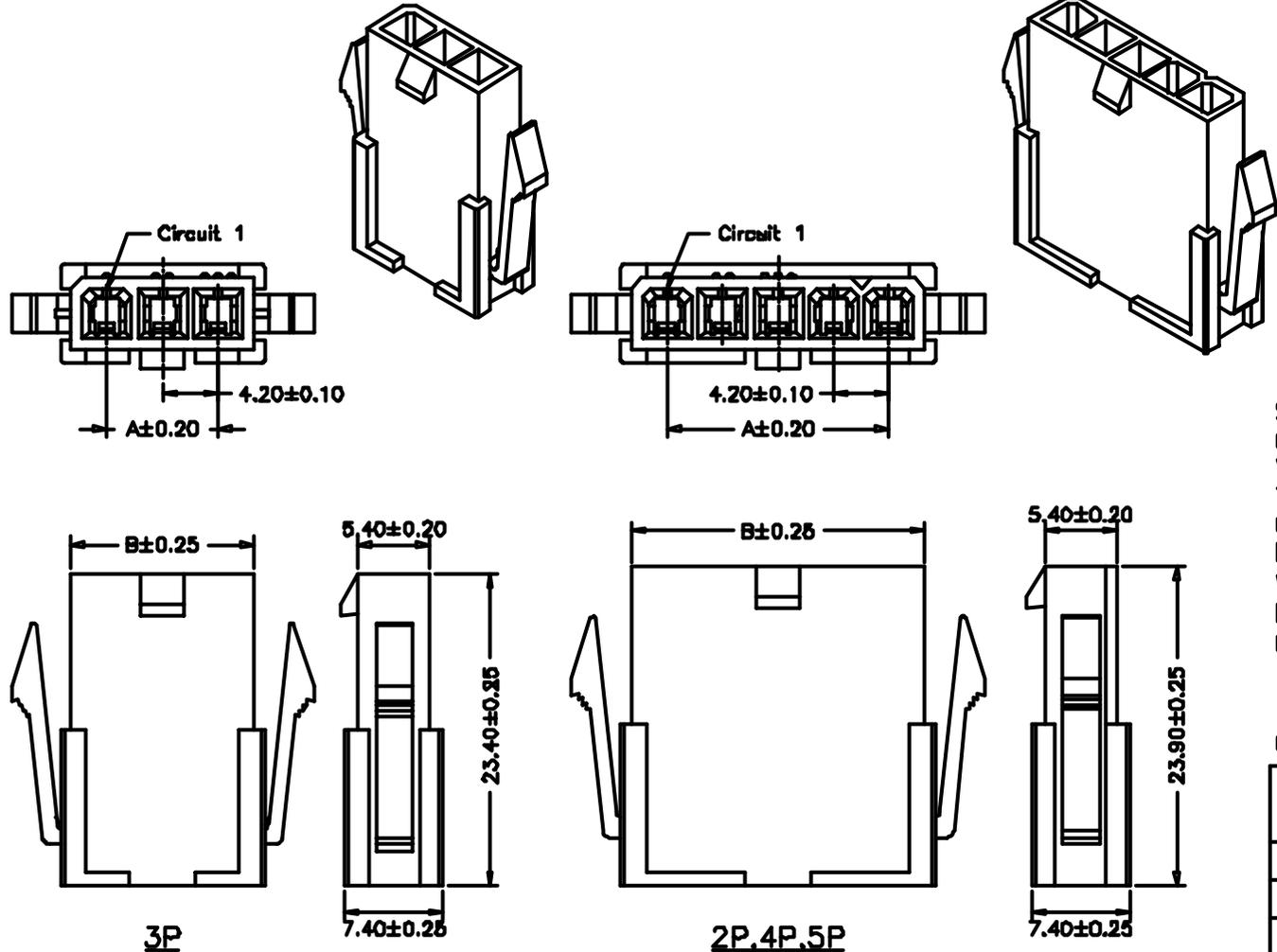
D

E

F

G

H



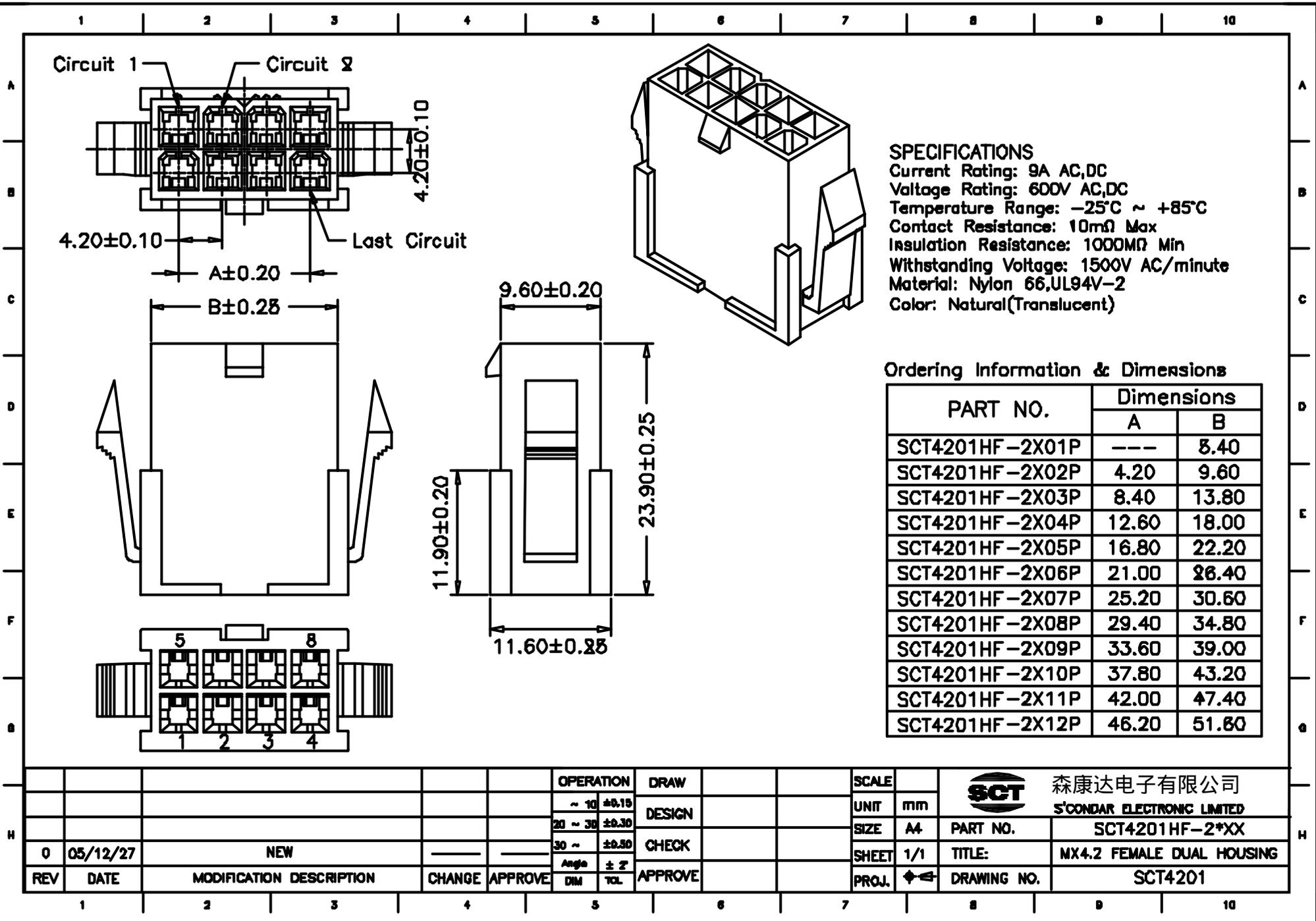
**8PEOIFIOATIONS**  
 Current Rating: 9A AC,DC  
 Voltage Rating: 600V AC,DC  
 Temperature Range: -25°C ~ +85°C  
 Contact Resistance: 10mΩ Max  
 Insulation Resistance: 1000MΩ Min  
 Withstanding Voltage: 1500V AC/minute  
 Material: Nylon 66,UL94V-2  
 Color: Natural(Translucent)

**Ordering Information & Dimensions**

PART NO.	Dimensions	
	A	B
SCT4201HF-02P	4.20	9.80
SCT4201HF-03P	8.40	13.80
SCT4201HF-04P	12.60	18.00
SCT4201HF-05P	16.80	22.80

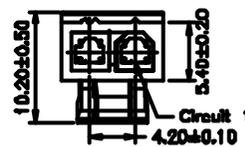
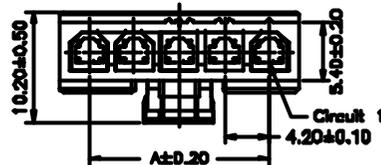
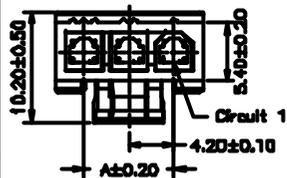
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					~ 10 ±0.15	DESIGN		UNIT	mm		
					20 ~ 30 ±0.30	CHECK		SIZE	A4	PART NO.	SCT4201HF-XX
0	05/12/27	NEW			30 ~ ±0.50	APPROVE		SHEET	1/1	TITLE:	MX4.2 FEMALE HOUSING
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	Angle ± 2°			PROJ.	◀	DRAWING NO.	SCT4201
					Dim TOL						

1 2 3 4 5 6 7 8 9 10



						OPERATION	DRAW			SCALE		森康达电子有限公司 S'CONDAR ELECTRONIC LIMITED	
						~ 10 ±0.15	DESIGN			UNIT	mm		
						20 ~ 30 ±0.30	CHECK			SIZE	A4	PART NO.	SCT4201HF-2*XX
0	05/12/27		NEW			30 ~ ±0.50	APPROVE			SHEET	1/1	TITLE:	MX4.2 FEMALE DUAL HOUSING
REV	DATE		MODIFICATION DESCRIPTION	CHANGE	APPROVE	Angle ± 2°				PROJ.	◆	DRAWING NO.	SCT4201
						Dim TOL							



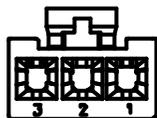
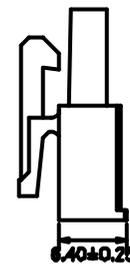
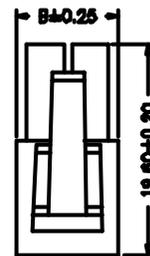
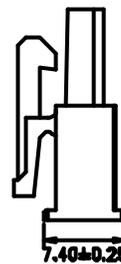
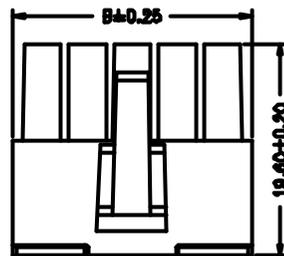
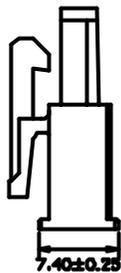
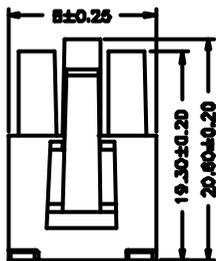


**SPECIFICATIONS**

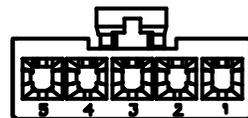
Current Rating: 9A AC,DC  
 Voltage Rating: 500V AC,DC  
 Temperature Range: -25°C ~ +85°C  
 Contact Resistance: 10mΩ Max  
 Insulation Resistance: 1000MΩ Min  
 Withstanding Voltage: 1500V AC/minute  
 Material: Nylon 66,UL94V-2  
 Color: Natural(Translucent)

**Ordering Information & Dimensions**

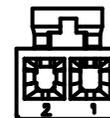
PART NO.	Dimensions	
	A	B
SCT4201HM-02P	4.20	9.60
SCT4201HM-03P	8.40	13.80
SCT4201HM-04P	12.60	18.00
SCT4201HM-05P	16.80	22.20



3P



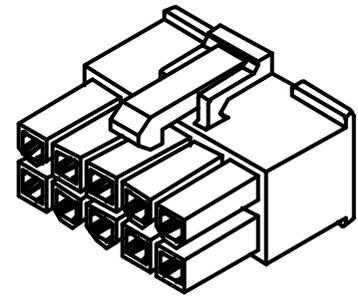
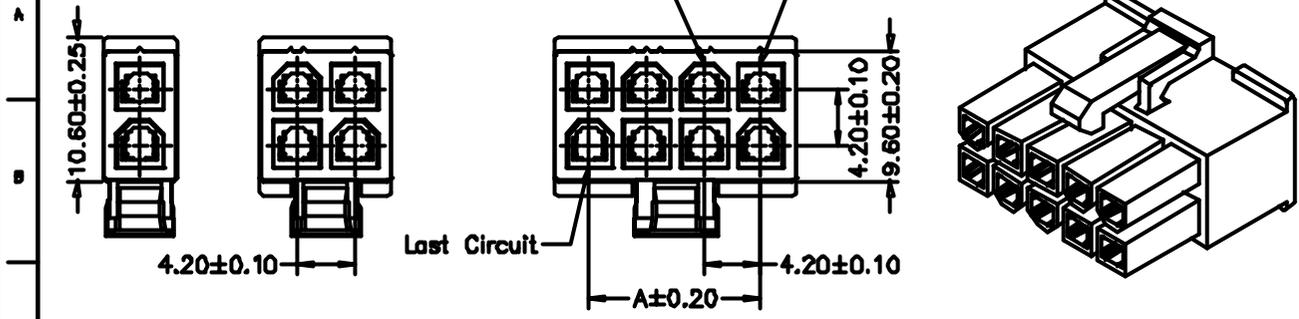
4P,5P



2P

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				20 ~ 30	±0.30	CHECK		SIZE	A4	PART NO.	SCT4201HM-XX
0	05/12/27	NEW		30 ~	±0.50	APPROVE		SHEET	1/1	TITLE:	MX4.2 MALE HOUSING
REV	DATE	MODIFICATION DESCRIPTION		Angle	± 2°			PROJ.	◆ ←	DRAWING NO.	SCT4201
		CHANGE	APPROVE	DM	TOL						

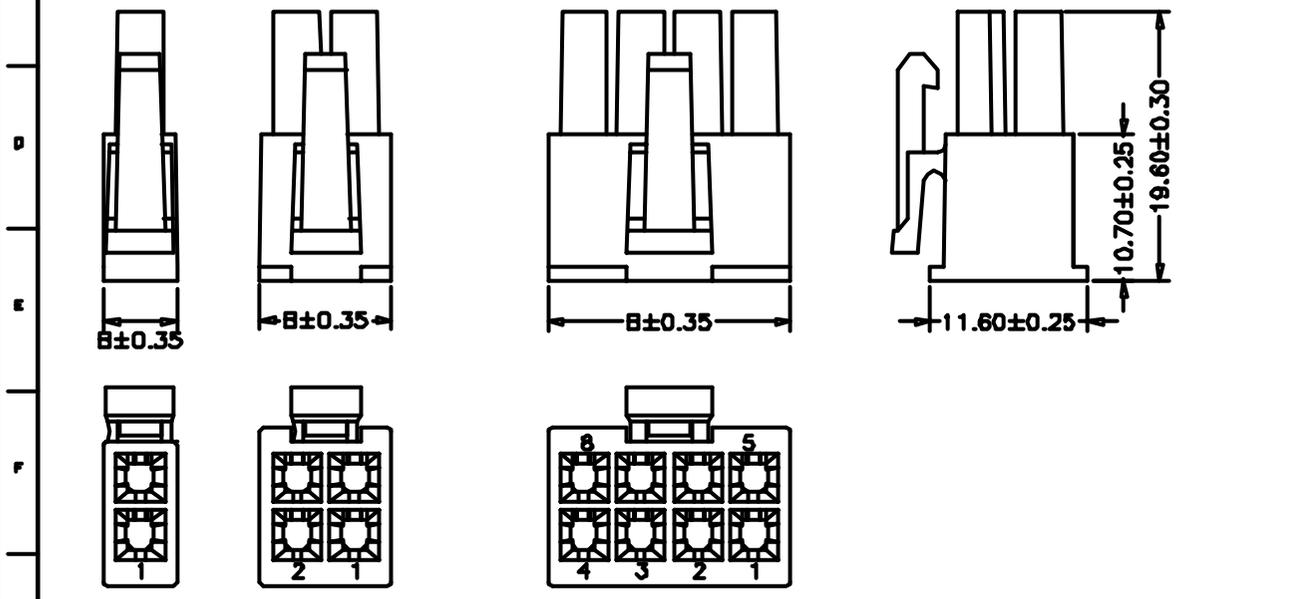
1 2 3 4 5 6 7 8 9 10



**SPECIFICATIONS**  
 Current Rating: 9A AC,DC  
 Voltage Rating: 600V AC,DC  
 Temperature Range: -25°C ~ +85°C  
 Contact Resistance: 10mΩ Max  
 Insulation Resistance: 1000MΩ Min  
 Withstanding Voltage: 1500V AC/minute  
 Material: Nylon 66,UL94V-2  
 Color: Natural(Translucent)

**Ordering Information & Dimensions**

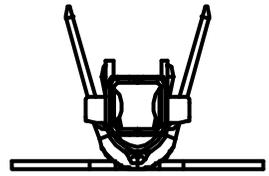
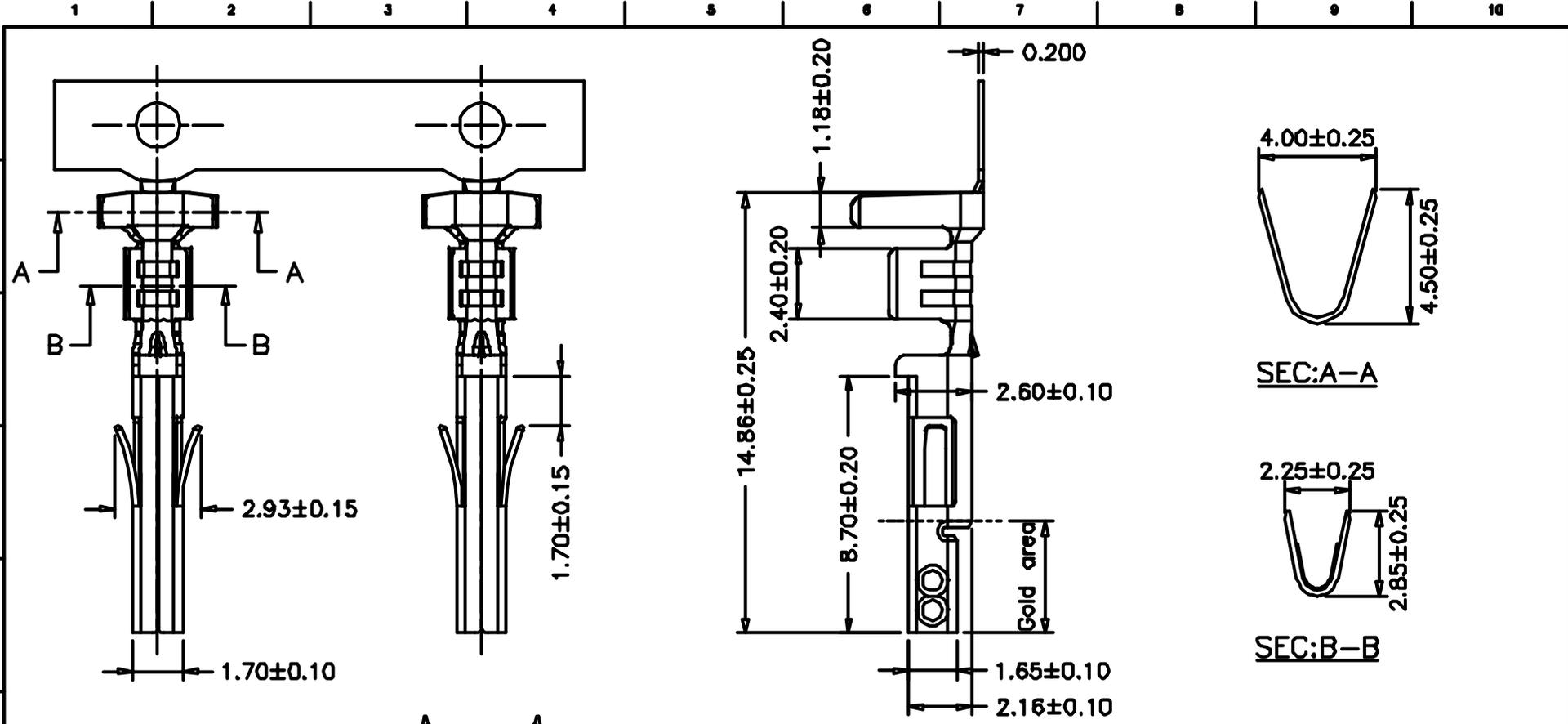
PART NO.	Dimensions	
	A	B
SCT4201HM-2X01P	---	5.70
SCT4201HM-2X02P	4.20	9.60
SCT4201HM-2X03P	8.40	13.80
SCT4201HM-2X04P	12.60	18.00
SCT4201HM-2X05P	16.80	22.20
SCT4201HM-2X06P	21.00	26.40
SCT4201HM-2X07P	25.20	30.60
SCT4201HM-2X08P	29.40	34.80
SCT4201HM-2X09P	33.60	39.00
SCT4201HM-2X10P	37.80	43.20
SCT4201HM-2X11P	42.00	47.40
SCT4201HM-2X12P	46.20	51.60



2X01P 2X02P

				OPERATION		DRAW		SCALE		森康达电子有限公司 S'CONDAR ELECTRONIC LIMITED	
				~ 10	±0.15	DESIGN		UNIT	mm		
				20 ~ 30	±0.30	CHECK		SIZE	A4	PART NO.	SCT4201HM-2*XX
0	05/12/27	NEW		30 ~	±0.80	APPROVE		SHEET	1/1	TITLE:	MX4.2 MALE DUAL HOUSING
REV	DATE	MODIFICATION DESCRIPTION		Angle	± 2'			PROJ.	◆	DRAWING NO.	SCT4201
		CHANGE	APPROVE	Dim	TOL						

1 2 3 4 5 6 7 8 9 10

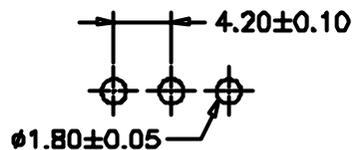


**Ordering Information & Specifications**

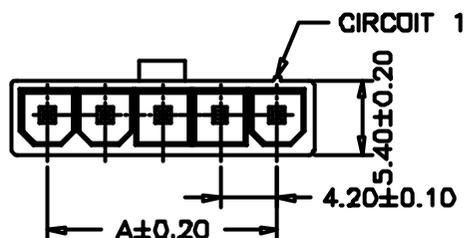
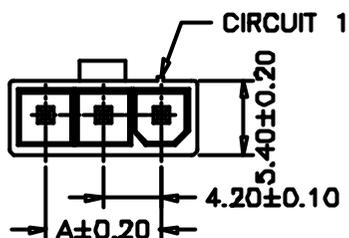
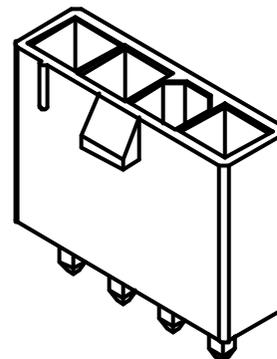
Part No	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
SCT4201-TBE-H	AWG#16-#24	3.10mm(max)	Brass	Tin-plated	5,000pcs
SCT4201-TPE-H	AWG#16-#24	3.10mm(max)	Phosphor Bronze	Tin-plated	5,000pcs
SCT4201-HBE-H1	AWG#16-#24	3.10mm(max)	Brass	Gold-plated 15u"	5,000pcs
SCT4201-HPE-H1	AWG#16-#24	3.10mm(max)	Phosphor Bronze	Gold-plated 15u"	5,000pcs

Note: E-Stamping before Tin-plated or Gold-plated

					OPERATION	DRAW			SCALE	森康达电子有限公司 S'CONDAR ELECTRONIC LIMITED PART NO. SCT4201TF TITLE: MX4.2 FEMALE TERMINAL DRAWING NO. SCT4201
					~ 10 ±0.15	DESIGN			UNIT mm	
					20 ~ 30 ±0.30	CHECK			SIZE A4	
					30 ~ ±0.50	APPROVE			SHEET 1/1	
0	05/12/27	NEW			Angle ± 2°				PROJ.	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	DIM TOL					



P.C.B LAYOUT

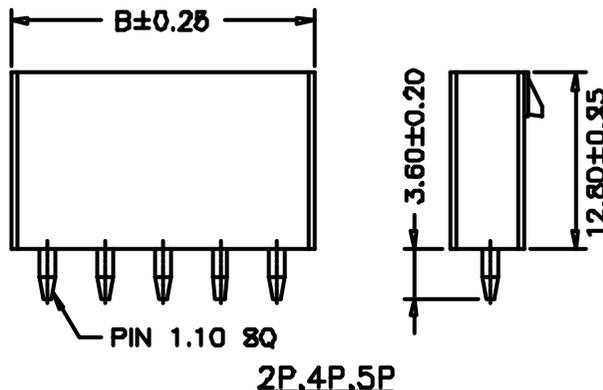
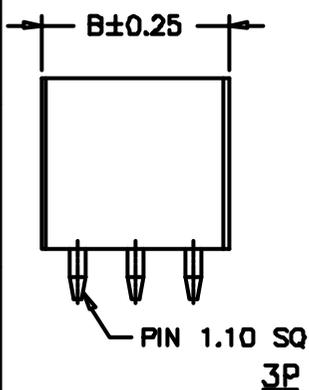


**SPEOIFIOATIONS**

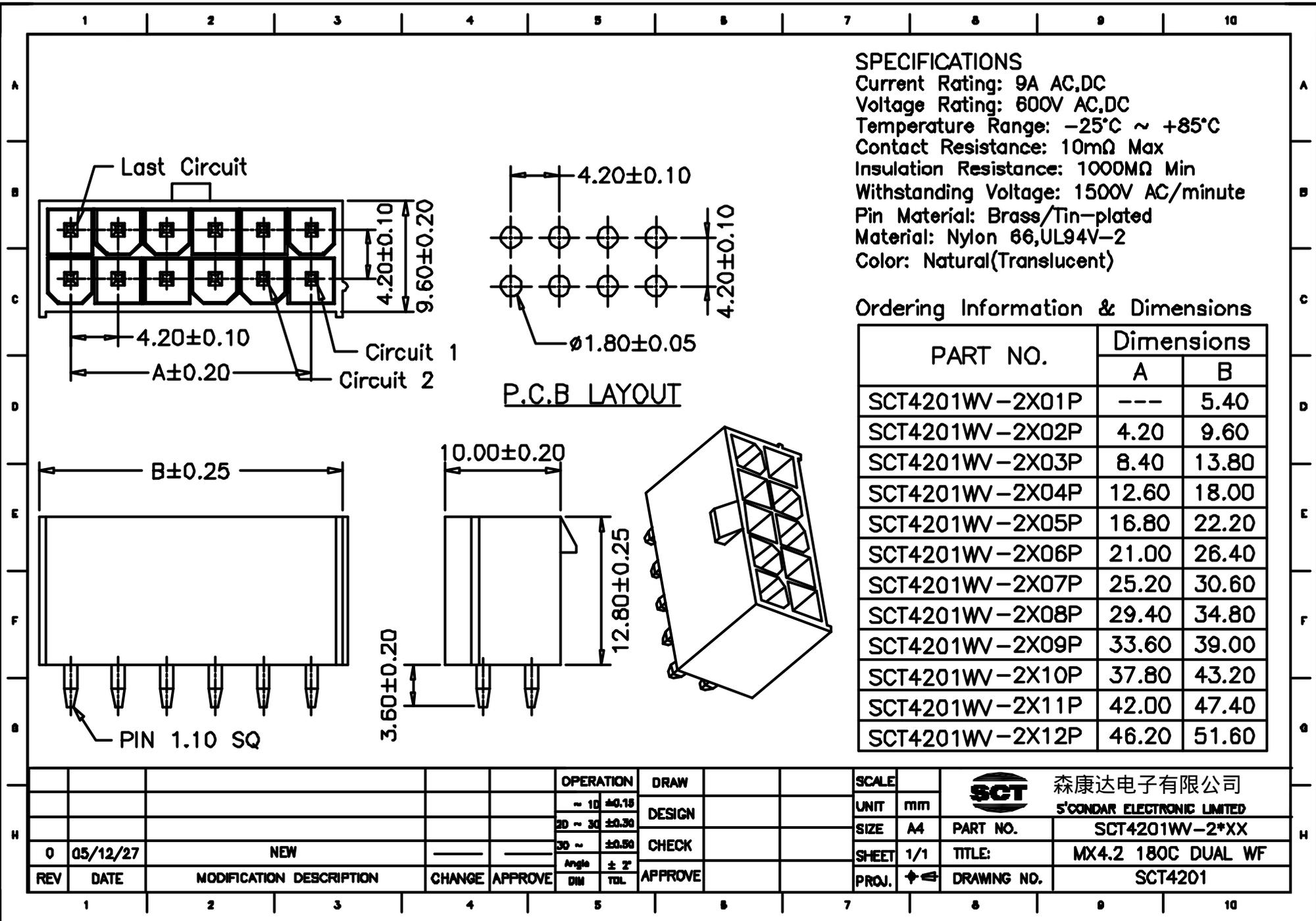
Current Rating: 9A AC,DC  
 Voltage Rating: 600V AC,DC  
 Temperature Range: -25°C ~ +85°C  
 Contact Resistance: 10mΩ Max  
 Insulation Resistance: 1000MΩ Min  
 Withstanding Voltage: 1500V AC/minute  
 Pin Material: Brass/Tin-plated  
 Material: Nylon 66,UL94V-2  
 Color: Natural(Translucent)

**Ordering Information & Dimensions**

PART NO.	Dimensions	
	A	B
SCT4201WV-02P	4.20	9.60
SCT4201WV-03P	8.40	13.80
SCT4201WV-04P	12.60	18.00
SCT4201WV-05P	16.80	22.20

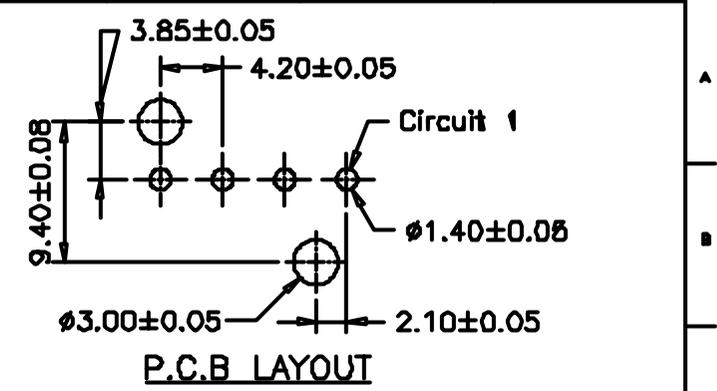
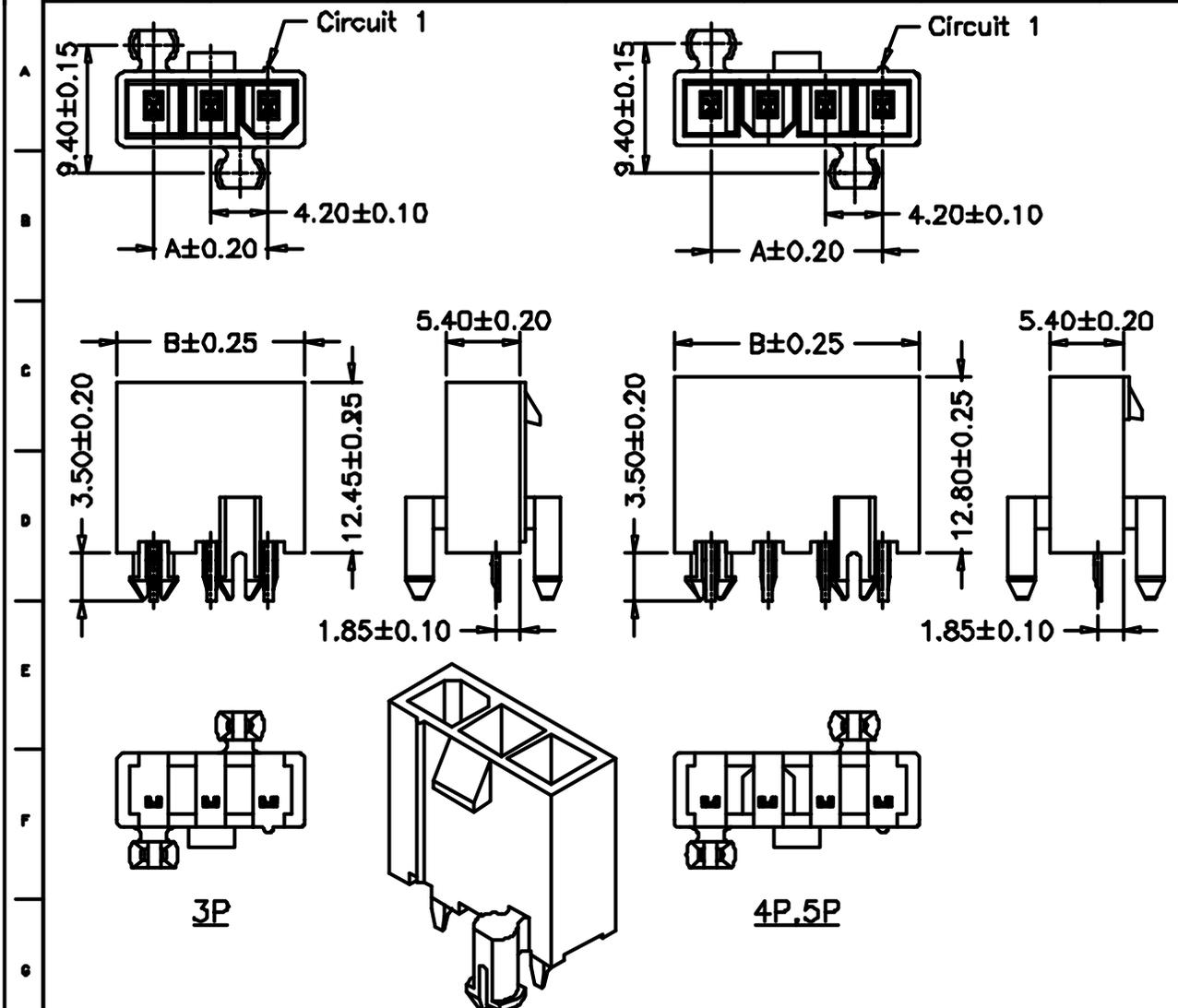


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				~ 10 ±0.15	DESIGN	UNIT	mm	
				20 ~ 30 ±0.30	CHECK	SIZE	A4	PART NO. SCT4201WV-XX
0	05/12/27	NEW		30 ~ ±0.80	APPROVE	SHEET	1/1	TITLE: MX4.2 180C WF
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	APPROVE	PROJ.	◆	DRAWING NO. SCT4201



				OPERATION		DRAW		SCALE		森康达电子有限公司 SECONDAR ELECTRONIC LIMITED	
				~ 10	±0.15	DESIGN		UNIT	mm		
				20 ~ 30	±0.30	CHECK		SIZE	A4	PART NO.	SCT4201WV-2*XX
0	05/12/27	NEW		30 ~	±0.50	APPROVE		SHEET	1/1	TITLE:	MX4.2 180C DUAL WF
REV	DATE	MODIFICATION DESCRIPTION		CHANGE	APPROVE	APPROVE		PROJ.	◆	DRAWING NO.	SCT4201

1 2 3 4 5 6 7 8 9 10



**SPECIFICATIONS**  
 Current Rating: 9A AC,DC  
 Voltage Rating: 600V AC,DC  
 Temperature Range: -25°C ~ +85°C  
 Contact Resistance: 10mΩ Max  
 Insulation Resistance: 1000MΩ Min  
 Withstanding Voltage: 1500V AC/minute  
 Pin Material: Brass/Tin-plated  
 Material: Nylon 66,UL94V-2  
 Color: Natural(Translucent)

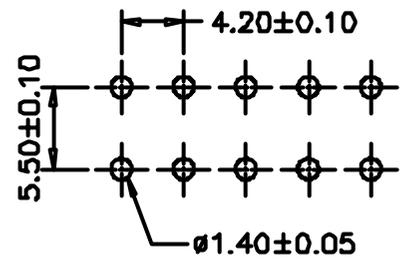
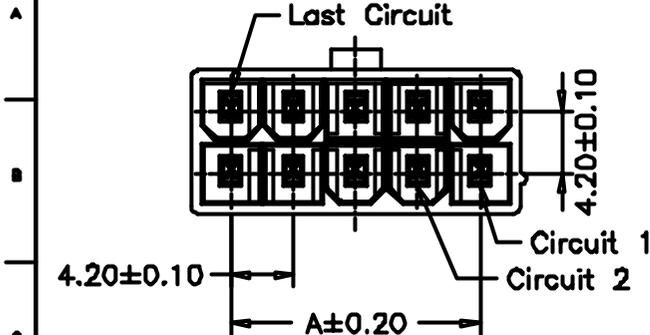
**Ordering Information & Dimensions**

PART NO.	Dimensions	
	A	B
SCT4201WVA-F-03P	8.40	13.80
SCT4201WVA-F-04P	12.60	18.00
SCT4201WVA-F-05P	16.80	22.20

						OPERATION	DRAW			SCALE	森康达电子有限公司 S'CONDAR ELECTRONIC LIMITED	
						~ 10 ±0.15	DESIGN			UNIT		mm
						20 ~ 30 ±0.30	CHECK			SIZE		A4
						30 ~ ±0.50	APPROVE			SHEET		1/1
						Angle ± 2°				PROJ.		↔
0	05/12/27	NEW				DIM TOL				PART NO.	SCT4201WVA-F-XX	
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE						TITLE:	MX4.2 180C A F WF	
										DRAWING NO.	SCT4201	

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10



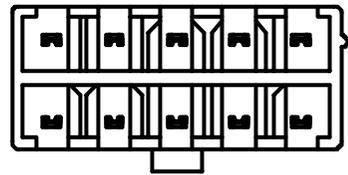
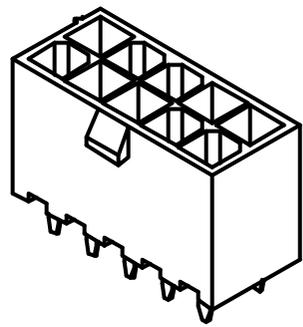
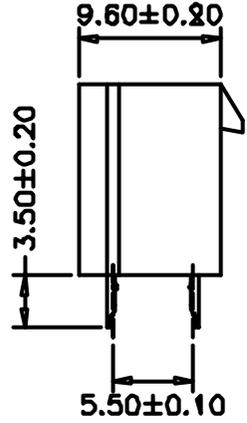
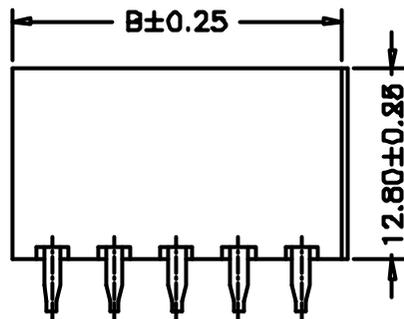
P.C.B LAYOUT

**SPECIFICATIONS**

Current Rating: 9A AC,DC  
 Voltage Rating: 600V AC,DC  
 Temperature Range: -25°C ~ +85°C  
 Contact Resistance: 10mΩ Max  
 Insulation Resistance: 1000MΩ Min  
 Withstanding Voltage: 1500V AC/minute  
 Pin Material: Brass/Tin-plated  
 Material: Nylon 66,UL94V-2  
 Color: Natural(Translucent)

**Ordering Information & Dimensions**

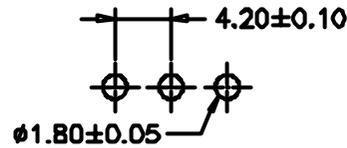
PART NO.	Dimensions	
	A	B
SCT4201WVA-2X01P	---	5.40
SCT4201WVA-2X02P	4.20	9.60
SCT4201WVA-2X03P	8.40	13.80
SCT4201WVA-2X04P	12.60	18.00
SCT4201WVA-2X05P	16.80	22.20
SCT4201WVA-2X06P	21.00	26.40
SCT4201WVA-2X07P	25.20	30.60
SCT4201WVA-2X08P	29.40	34.80
SCT4201WVA-2X09P	33.60	39.00
SCT4201WVA-2X10P	37.80	43.20
SCT4201WVA-2X11P	42.00	47.40
SCT4201WVA-2X12P	46.20	51.60



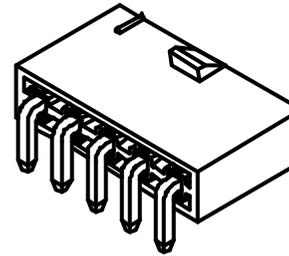
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				~ 10	±0.15	DESIGN		UNIT	mm		
				20 ~ 30	±0.30	CHECK		SIZE	A4		
				30 ~	±0.50	APPROVE		SHEET	1/1		
0	05/12/27	NEW		CHANGE	APPROVE			PROJ.	↔	PART NO.	SCT4201WVA-2*XX
REV	DATE	MODIFICATION DESCRIPTION		CHANGE	APPROVE			TITLE:		DRAWING NO.	SCT4201

1 2 3 4 5 6 7 8 9 10





P.C.B LAYOUT

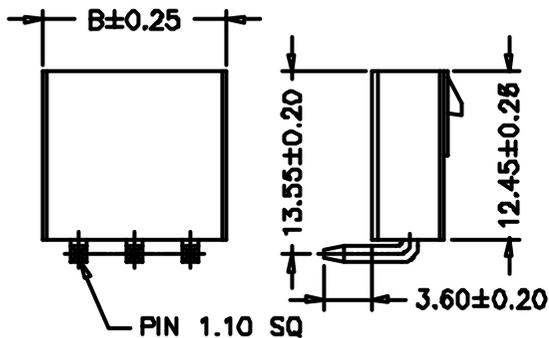
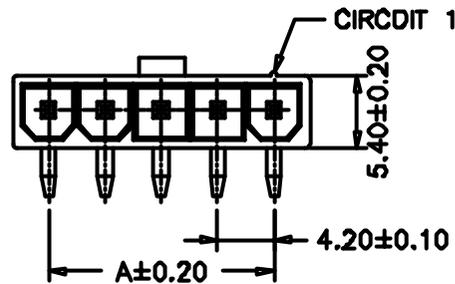
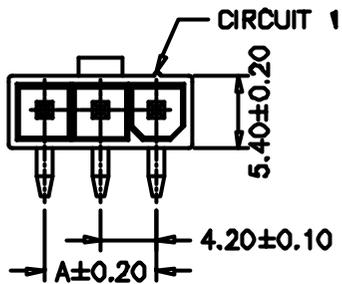


**SPEOIFICATIONS**

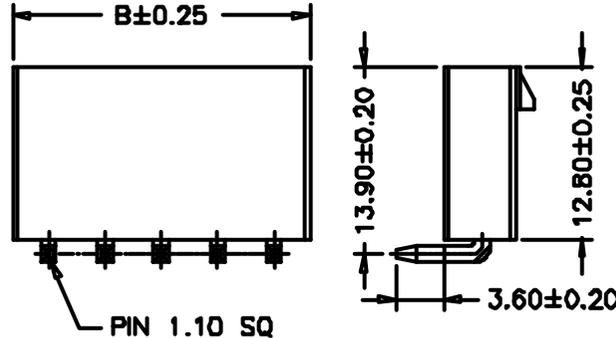
Current Rating: 9A AC,DC  
 Voltage Rating: 600V AC,DC  
 Temperature Range: -25°C ~ +85°C  
 Contact Resistance: 10mΩ Max  
 Insulation Resistance: 1000MΩ Min  
 Withstanding Voltage: 1500V AC/minute  
 Pin Material: Brass/Tin-plated  
 Material: Nylon 66,UL94V-2  
 Color: Natural(Translucent)

**Ordering Information & Dimensions**

PART NO.	DIMENSIONS	
	A	B
SCT4201WR-02P	4.20	9.60
SCT4201WR-03P	8.40	13.80
SCT4201WR-04P	12.60	18.00
SCT4201WR-05P	16.80	22.20



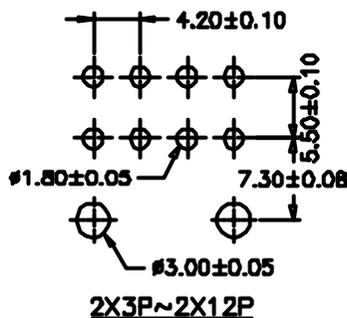
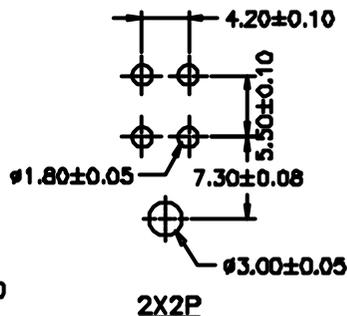
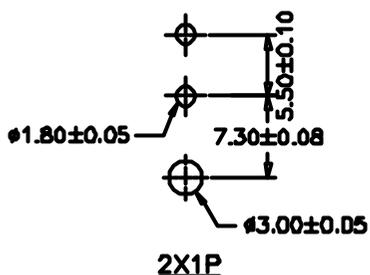
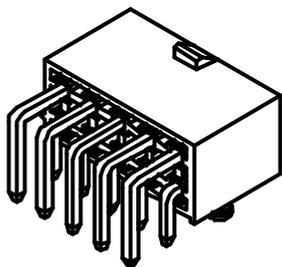
**3P**



**2P,4P,5P**

						OPERATION	DRAW			SCALE	森康达电子有限公司 S'CONDAR ELECTRONIC LIMITED		
						~ 10 ±0.15	DESIGN			UNIT		mm	
						20 ~ 30 ±0.30	CHECK			SIZE	A4	PART NO.	SCT4201WR-XX
						30 ~ ±0.50	APPROVE			SHEET	1/1	TITLE:	MX4.2 90C WF
0	05/12/27	NEW				Angle ± 2°				PROJ.	↙	DRAWING NO.	SCT4201
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE		DM	TOL						





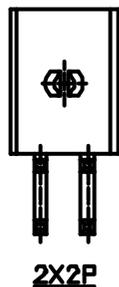
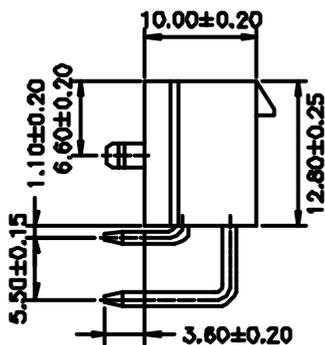
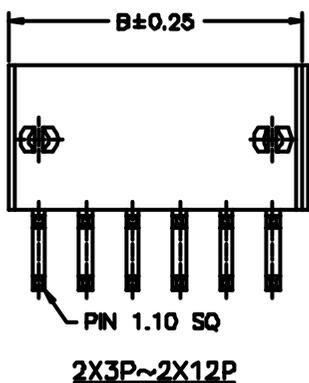
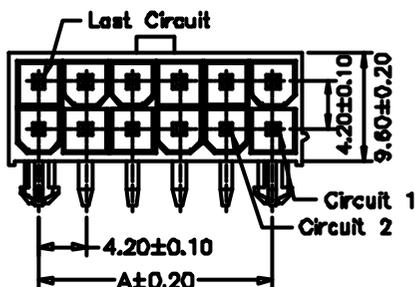
P.C.B LAYOUT

**SPECIFICATIONS**

Current Rating: 9A AC,DC  
 Voltage Rating: 600V AC,DC  
 Temperature Range:  $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$   
 Contact Resistance: 10m $\Omega$  Max  
 Insulation Resistance: 1000M $\Omega$  Min  
 Withstanding Voltage: 1500V AC/minute  
 Pin Material: Brass/Tin-plated  
 Material: Nylon 66,UL94V-2  
 Color: Natural(Translucent)

**Ordering Information & Dimensions**

PART NO.	Dimensions	
	A	B
SCT4201WR-F-2X01P	---	5.40
SCT4201WR-F-2X02P	4.20	9.60
SCT4201WR-F-2X03P	8.40	13.80
SCT4201WR-F-2X04P	12.60	18.00
SCT4201WR-F-2X05P	16.80	22.20
SCT4201WR-F-2X06P	21.00	26.40
SCT4201WR-F-2X07P	25.20	30.60
SCT4201WR-F-2X08P	29.40	34.80
SCT4201WR-F-2X09P	33.60	39.00
SCT4201WR-F-2X10P	37.80	43.20
SCT4201WR-F-2X11P	42.00	47.40
SCT4201WR-F-2X12P	46.20	51.60

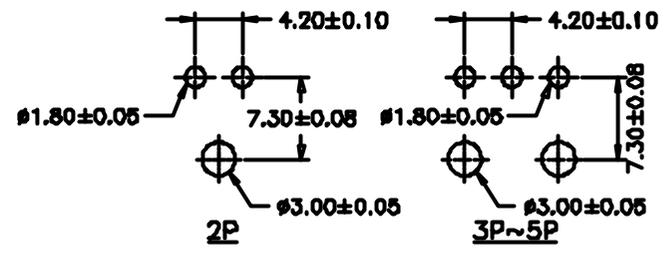


					OPERATION	DRAW		SCALE		森康达电子有限公司 S'CONDAR ELECTRONIC LIMITED	
					~ 10 $\pm 0.15$	DESIGN		UNIT	mm		
					20 ~ 30 $\pm 0.30$	CHECK		SIZE	A4	PART NO.	SCT4201WR-F-2*XX
0	05/12/27		NEW		30 ~ $\pm 0.50$	APPROVE		SHEET	1/1	TITLE:	MX4.2 90C F DUAL WF
REV	DATE		MODIFICATION DESCRIPTION	CHANGE	APPROVE			PROJ.		DRAWING NO.	SCT4201

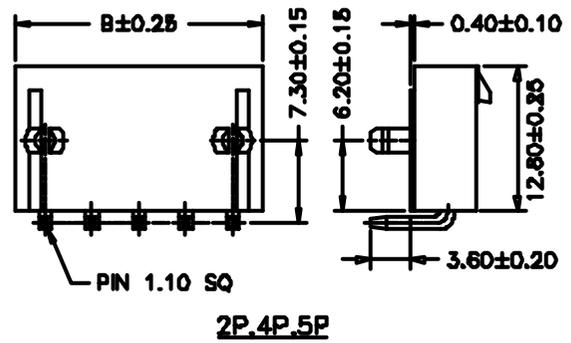
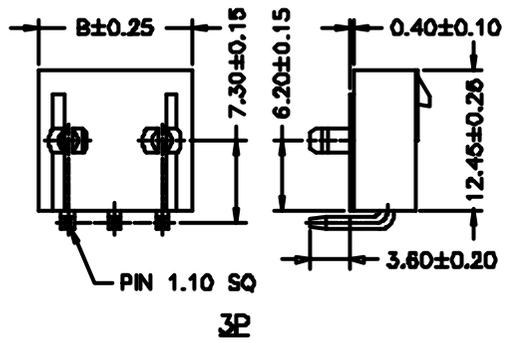
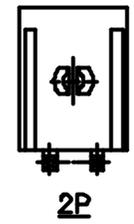
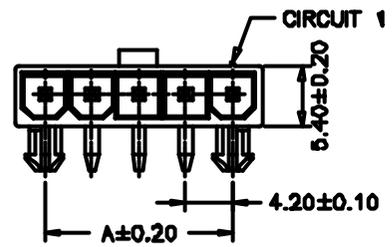
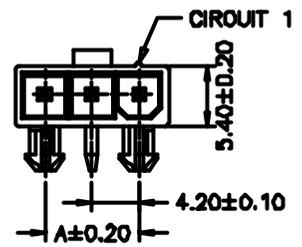
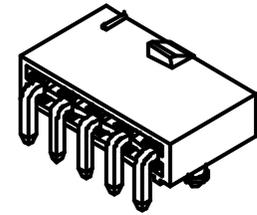
1 2 3 4 5 6 7 8 9 10

A  
B  
C  
D  
E  
F  
G  
H

A  
B  
C  
D  
E  
F  
G  
H



P.C.B LAYOUT



SPECIFICATIONS

- Current Rating: 9A AC,DC
- Voltage Rating: 600V AC,DC
- Temperature Range: -25°C ~ +85°C
- Contact Resistance: 10mΩ Max
- Insulation Resistance: 1000MΩ Min
- Withstanding Voltage: 1500V AC/minute
- Pin Material: Brass/Tin-plated
- Material: Nylon 66,UL94V-2
- Color: Natural(Translucent)

Ordering Information & Dimensions

PART NO.	Dimensions	
	A	B
SCT4201WR-F-02P	4.20	9.60
SCT4201WR-F-03P	8.40	13.80
SCT4201WR-F-04P	12.60	18.00
SCT4201WR-F-05P	16.80	22.20

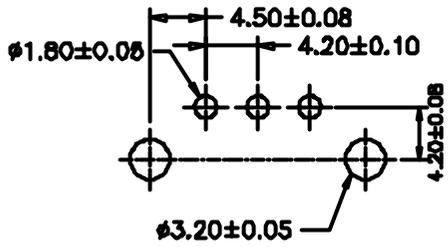
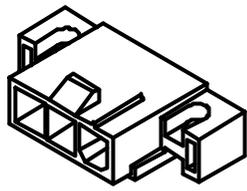
					OPERATION	DRAW		SCALE		SCT 森康达电子有限公司 S'CONDAR ELECTRONIC LIMITED	
					~ 10 ±0.15	DESIGN		UNIT	mm		
					20 ~ 30 ±0.30	CHECK		SIZE	A4	PART NO.	SCT4201WR-F-XX
0	05/12/27	NEW			30 ~ ±0.50	APPROVE		SHEET	1/1	TITLE:	MX4.2 90C F WF
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	Angle ± 2°			PROJ.	◆ ←	DRAWING NO.	SCT4201
					Dim TOL						

1 2 3 4 5 6 7 8 9 10

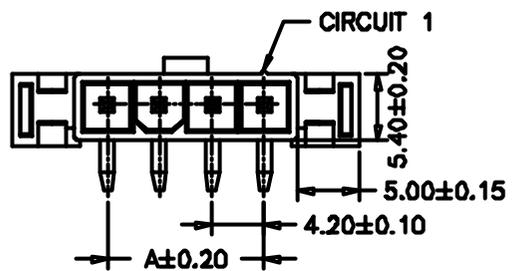
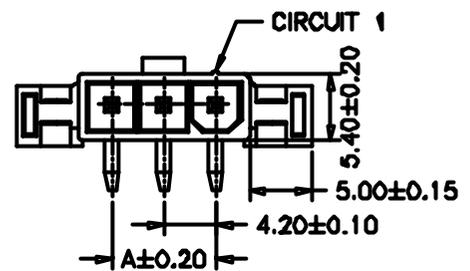
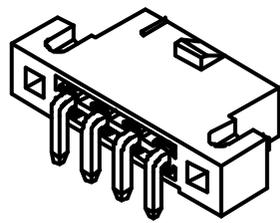
1 2 3 4 5 6 7 8 9 10

A  
B  
C  
D  
E  
F  
G  
H

A  
B  
C  
D  
E  
F  
G  
H



P.C.B LAYOUT

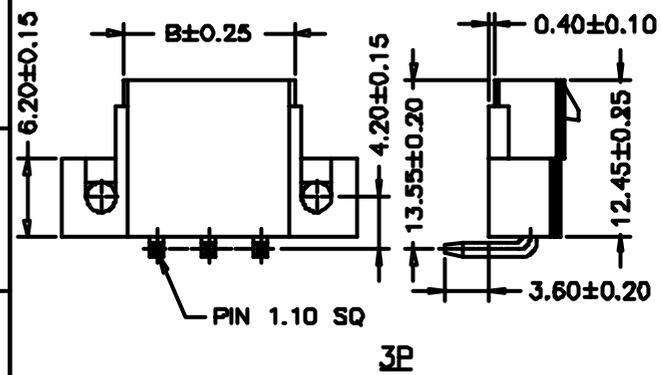


**SPECIFICATIONS**

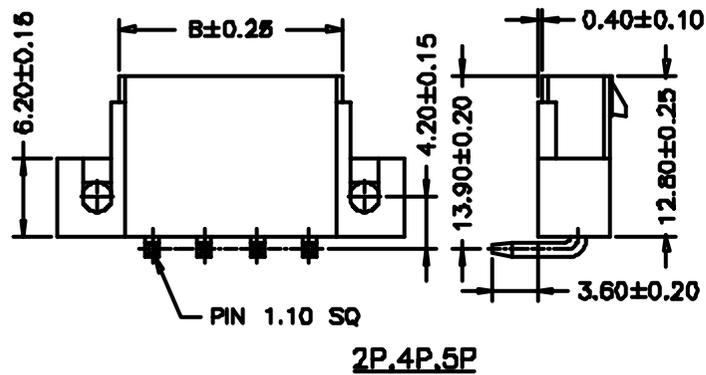
Current Rating: 9A AC,DC  
 Voltage Rating: 600V AC,DC  
 Temperature Range: -25°C ~ +85°C  
 Contact Resistance: 10mΩ Max  
 Insulation Resistance: 1000MΩ Min  
 Withstanding Voltage: 1500V AC/minute  
 Pin Material: Brass/Tin-plated  
 Material: Nylon 66,UL94V-2  
 Color: Natural(Translucent)

**Ordering Information & Dimensions**

PART NO.	Dimensions	
	A	B
SCT4201WR-E-02P	4.20	9.60
SCT4201WR-E-03P	8.40	13.80
SCT4201WR-E-04P	12.60	18.00
SCT4201WR-E-05P	16.80	22.20



3P

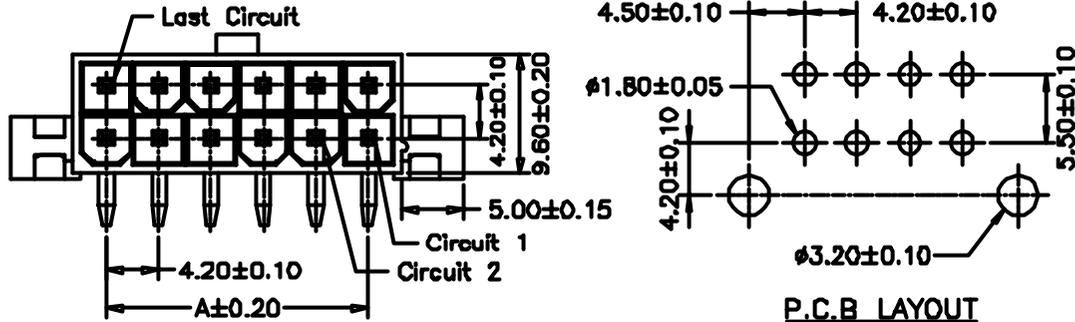
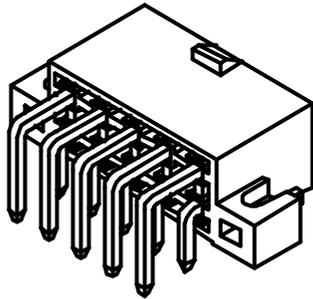


2P, 4P, 5P

					OPERATION	DRAW		SCALE	森康达电子有限公司 S'CONDAR ELECTRONIC LIMITED
					~ 10 ±0.15	DESIGN		UNIT mm	
					20 ~ 30 ±0.30	CHECK		SIZE A4	PART NO. SCT4201WR-E-XX
0	05/12/27	NEW			30 ~ ±0.50	APPROVE		SHEET 1/1	TITLE: MX4.2 90C E WF
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	Angle ± 2°			PROJ. ↙	DRAWING NO. SCT4201
					Dim TOL				

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

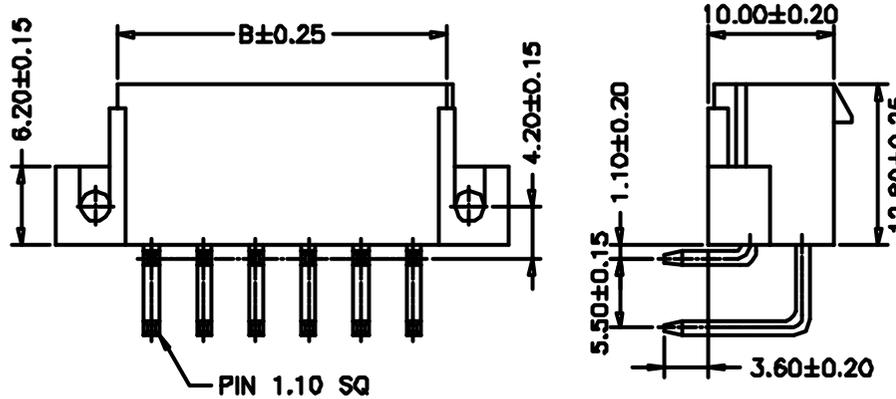


**SPECIFICATIONS**

Current Rating: 9A AC,DC  
 Voltage Rating: 600V AC,DC  
 Temperature Range: -25°C ~ +85°C  
 Contact Resistance: 10mΩ Max  
 Insulation Resistance: 1000MΩ Min  
 Withstanding Voltage: 1500V AC/minute  
 Pin Material: Brass/Tin-plated  
 Material: Nylon 66,UL94V-2  
 Color: Natural(Translucent)

**Ordering Information & Dimensions**

PART NO.	Dimensions	
	A	B
SCT4201WR-E-2X01P	---	5.40
SCT4201WR-E-2X02P	4.20	9.60
SCT4201WR-E-2X03P	8.40	13.80
SCT4201WR-E-2X04P	12.60	18.00
SCT4201WR-E-2X05P	16.80	22.20
SCT4201WR-E-2X06P	21.00	26.40
SCT4201WR-E-2X07P	25.20	30.60
SCT4201WR-E-2X08P	29.40	34.80
SCT4201WR-E-2X09P	33.60	39.00
SCT4201WR-E-2X10P	37.80	43.20
SCT4201WR-E-2X11P	42.00	47.40
SCT4201WR-E-2X12P	46.20	51.60



					OPERATION	DRAW		SCALE	森康达电子有限公司 S'CONDAR ELECTRONIC LIMITED
					~ 10 ±0.15	DESIGN		UNIT mm	
					20 ~ 30 ±0.30	CHECK		SIZE A4	PART NO. SCT4201WR-E-2*XX
0	05/12/27	NEW			30 ~ ±0.50	APPROVE		SHEET 1/1	TITLE: MX4.2 90C DUAL E WF
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	Angle ± 2°			PROJ. ↙	DRAWING NO. SCT4201
					Dim TOL				

1 2 3 4 5 6 7 8 9 10