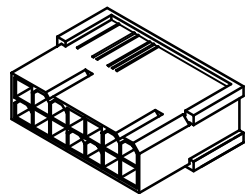
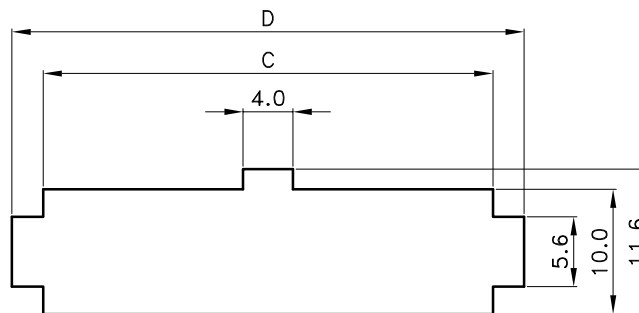


Mounting Ears



JS-1148-XXWO/E(XX)
Without Mounting Ears



PANEL CUTOUT DIMENSION

SPECIFICATIONS

- Current Rating : 7A AC/DC
- Withstanding Voltage : 1,500V AC/minute
- Insulation Resistance : 1,000M Ω min
- Temperature Range : - 40°C to + 105°C
- Contact Resistance : 20m Ω max

RECEPTACLE HOUSING

- Part No. : JS-1148-XXXX(XX)XX
① ② ③ ④

Ordering Code

① Poles No. : 02~24

△ ② Structure :

Blank : With ear
WO/E : Without ear

△ △ ③ Material :

Blank : Nylon 66 UL94V-2

V0 : Nylon 66 UL94V-0

G : Polyamide 6 UL94V-2 (Glow Wire)

△ ④ Base Color :

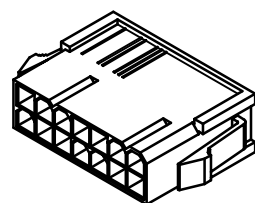
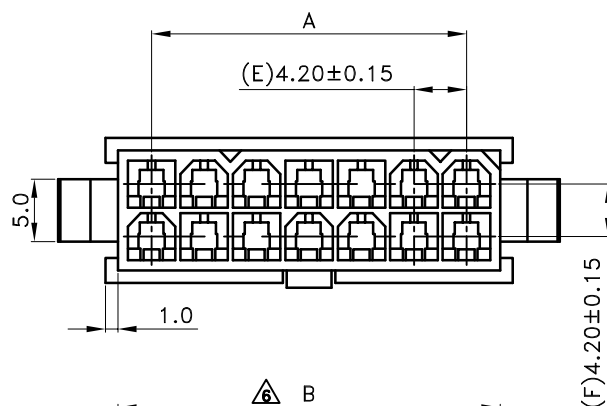
Blank : Nature

BK : Black (For V0 , V2)

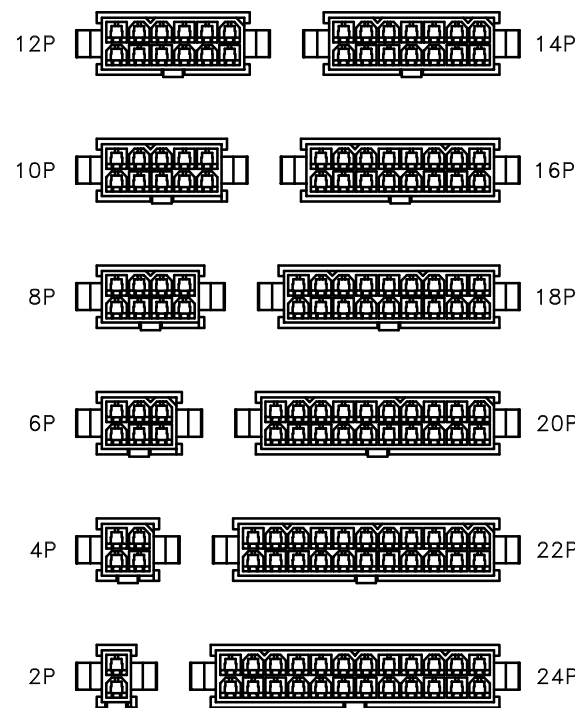
BU : Blue

R : Red

Y : Yellow



JS-1148-XX(XX)
With Mounting Ears



PRODUCT VIEW

Poles	Dimensions(mm)			
	A	△ B	C	D
2	----	5.40±0.20	5.80	10.80
4	4.20±0.15	9.60±0.20	10.00	15.00
6	8.40±0.20	13.80±0.20	14.20	19.20
8	12.60±0.20	18.00±0.20	18.40	23.40
10	16.80±0.30	22.20±0.30	22.60	27.60
12	21.00±0.30	26.40±0.30	26.80	31.80
14	25.20±0.30	30.60±0.30	31.00	36.00
16	29.40±0.30	34.80±0.30	35.20	40.20
18	33.60±0.40	39.00±0.40	39.40	44.40
20	37.80±0.40	43.20±0.40	43.60	48.60
22	42.00±0.40	47.40±0.40	47.80	52.80
24	46.20±0.40	51.60±0.40	52.00	57.00



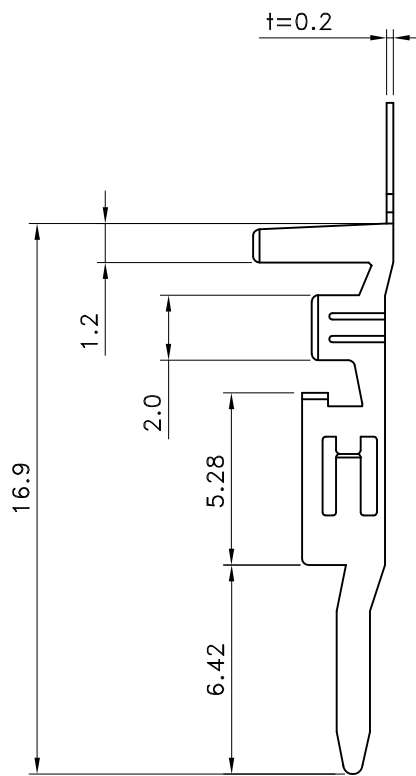
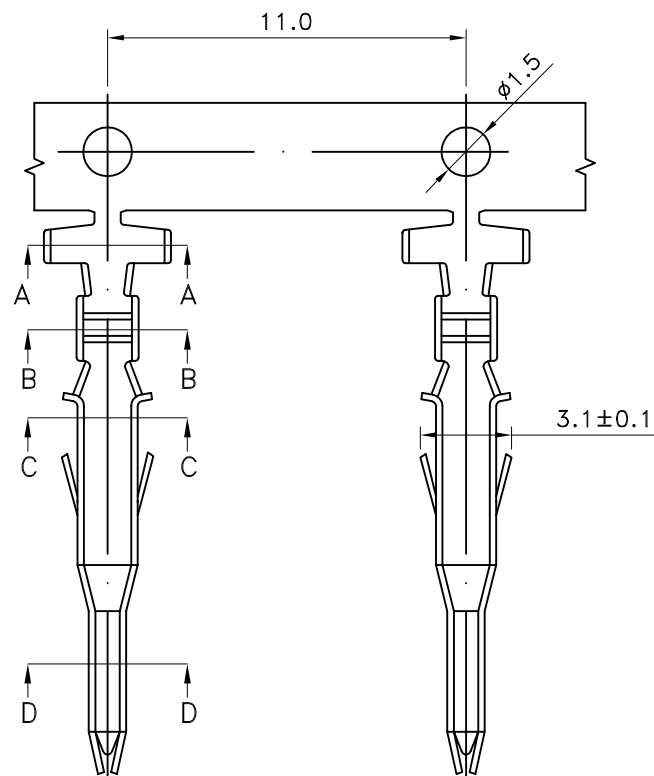
喬訊電子工業股份有限公司

CHYAO SHIUNN
ELECTRONIC INDUSTRIAL LTD.

PART NO JS-1148-XX(XX)XX

4.20mm Dual-Row Wire to Wire Power Connector

APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
張育瑞		mm	.0 ±0.30	△	圖面尺寸標注有誤	余秀麗	2005/03/08	△			
CHECKED BY	PROJ	VER NO.	.00 ±0.20	△	變更原因遺失	余秀麗	2005/05/15	△			
周慈雲	⊕ □	a7	.000 ±0.10	△	變更原因遺失	劉蓮花	2007/08/10	△			
DRAWN BY	DATE	SIZE	ANGLE		大幅修改圖面	黃科源	2008/07/23	CUSTOMER			
林宛盈	2016/05/30	A4	0° ±1°	△	增加一個材質選項	林謙豪	2012/01/06				
			0° ±	△	依實物量測，將B尺寸修改成與原圖面一致	譚玉華	2015/09/08	Conforms to The RoHS Instruction			
			SHEET	1/1	變更料號及增加顏色	林宛盈	2016/05/30				

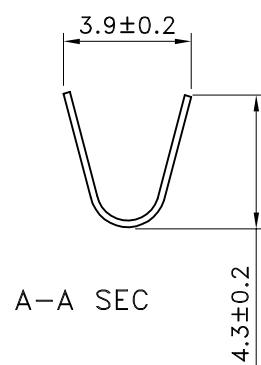


■ SPECIFICATIONS

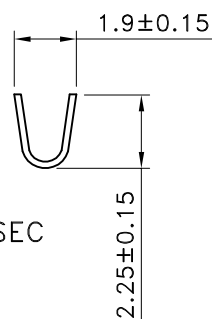
- Voltage Rating : 250V AC/DC
- Current Rating : 7A AC/DC
- Withstanding Voltage : 1,500V AC/minute
- Insulation Resistance : 1,000M Ω min
- Temperature Range : - 40℃ to + 105℃
- Contact Resistance : 20m Ω max

■ TERMINAL

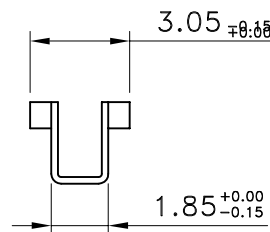
- Part No. : JS-1148-PBTP
- Applicable Wires : AWG# 18~24
- Material : Phosphor Bronze
- Finish : Tin Plated(Stamping Before Tin Plated)
- Thickness : 0.2mm
- Q' ty : 5,000 pcs./Reel



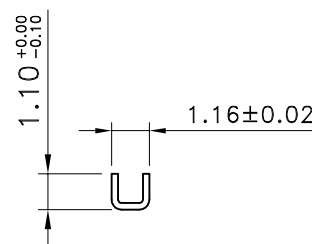
A-A SEC



B-B SEC



C-C SEC



D-D SEC



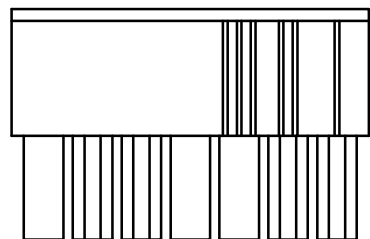
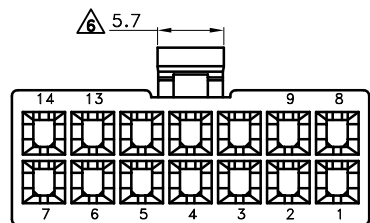
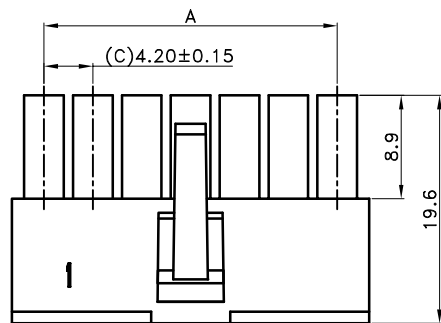
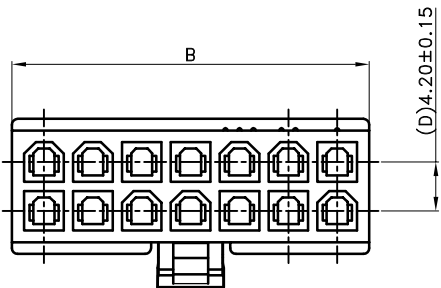
喬訊電子工業股份有限公司

CHYAO SHIUNN
ELECTRONIC INDUSTRIAL LTD.

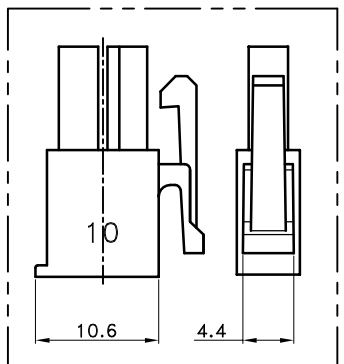
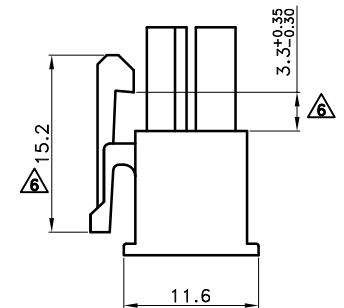
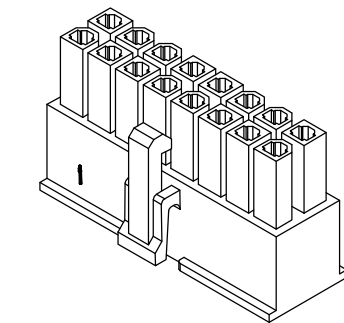
APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
張育瑞		mm	.0 ±0.30	△	依ECR-00000160修改產品敘述	李柏昇	16/08/05	△			
CHECKED BY	PROJ	VER NO.	.00 ±0.20	△				△			
周慈雲		a1	.000 ±0.10	△				△			
DRAWN BY	DATE	SIZE	ANGLE	△					CUSTOMER		
李柏昇	2016/08/05	A4	0° ±1°	△							
			.0° ±	△					Conforms to The RoHS Instruction		
			SHEET 1/1	△							

PART NO JS-1148-PBTP

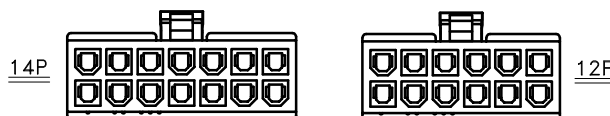
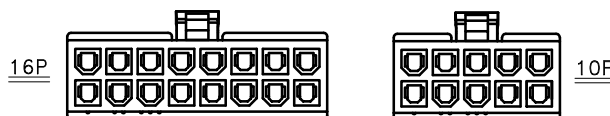
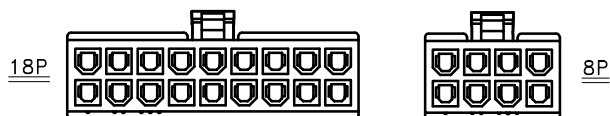
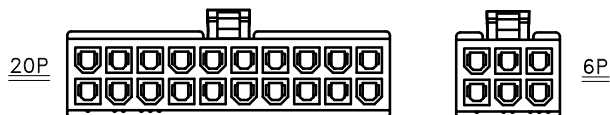
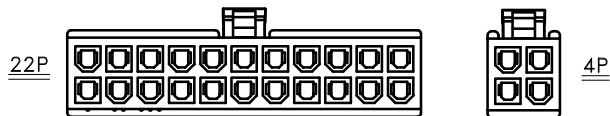
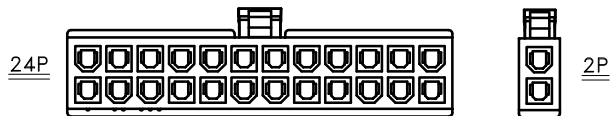
4.20mm D/R Power Connectors Terminal



BACK VIEW



2P



SPECIFICATIONS

- Current Rating : 7A AC/DC
- Withstanding Voltage : 1,500V AC/minute
- Insulation Resistance : 1,000MΩ min
- Temperature Range : -40°C to +105°C
- Contact Resistance : 20mΩ max

HOUSING

- Part No. : JS-1149-XX(XX)XX

① ② ③

Ordering Code

① Poles No. : 02~24

② Material

Blank : Nylon 66 UL94V-2

V0 : Nylon 66 UL94V-0

△ G : Polyamide 6 UL94V-2 (Glow Wire)

△ ③ Color

Blank : Nature

BK : Black (For V0 , V2)

R : Red

BU : Blue

Y : Yellow

Poles	Dimensions(mm)	
	A	B
2	----	5.60±0.30
4	4.20±0.15	9.80±0.30
6	8.40±0.20	14.00±0.30
8	12.60±0.20	18.20±0.30
10	16.80±0.30	22.40±0.40
12	21.00±0.30	26.60±0.40
14	25.20±0.30	30.80±0.40
16	29.40±0.30	35.00±0.40
18	33.60±0.40	39.20±0.50
20	37.80±0.40	43.40±0.50
22	42.00±0.40	47.60±0.50
24	46.20±0.40	51.80±0.50



喬訊電子工業股份有限公司

CHYAO SHIUNN
ELECTRONIC INDUSTRIAL LTD.

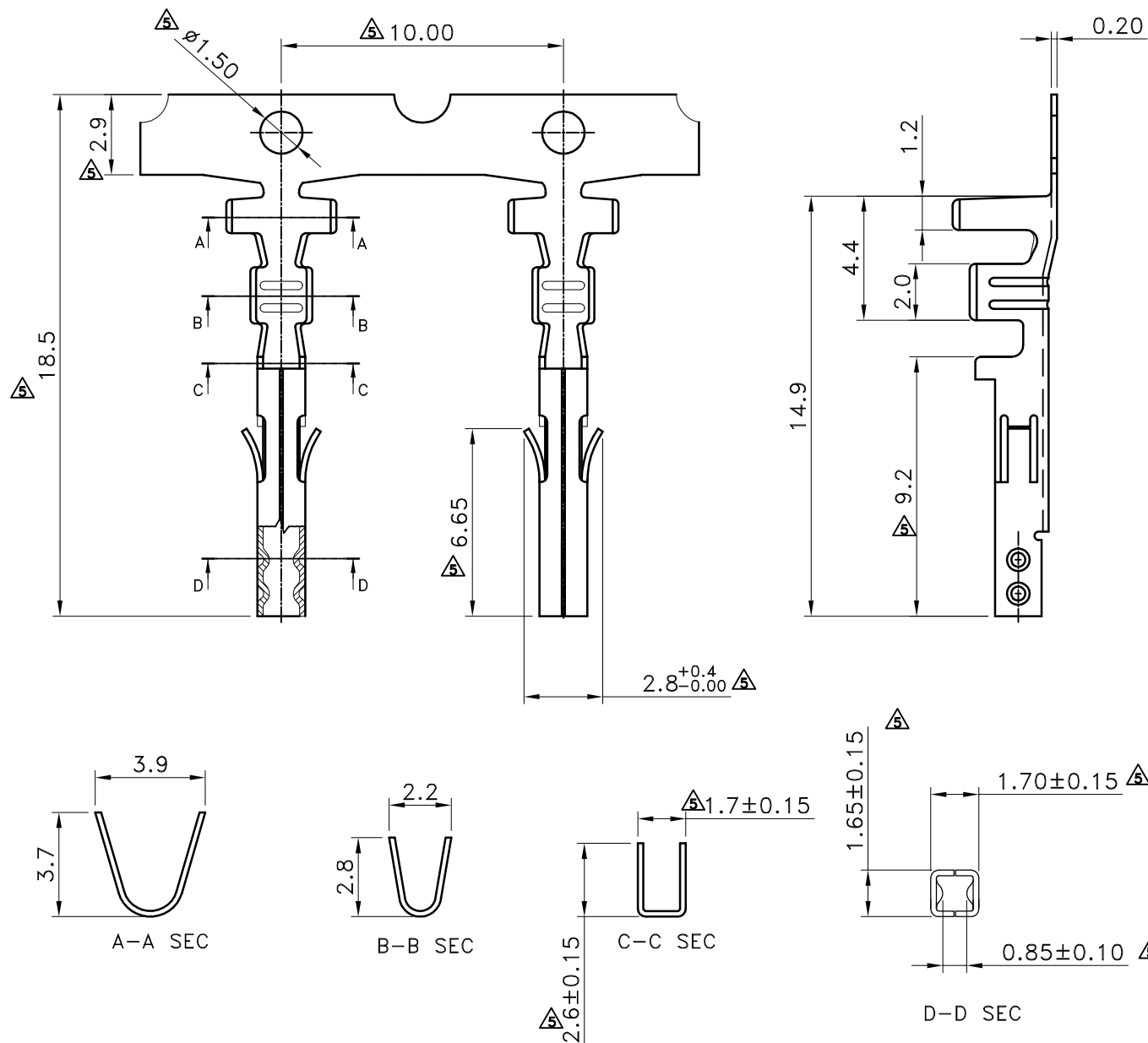
PART NO JS-1149-XX(XX)XX

4.20mm Dual-Row Wire to Board Power Connector

APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
張育瑞		mm	.0 ±0.30	△	圖面遺失	余秀麗	2005/05/15	△	變更SM材質料號及增加顏色	林宛盈	2016/05/30
CHECKED BY	PROJ	VER NO.	.00 ±0.20	△	圖面遺失			△			
周慈雲		a8	.000 ±0.10	△	圖面遺失	劉蓮花	2007/08/10	△			
DRAWN BY	DATE	SIZE	ANGLE	△	修改圖面內容	黃科源	2008/07/23				
林宛盈	2016/05/30	A4	0° ±1°	△	增加尺寸標柱	黃科源	2008/08/28				
			.0° ±	△	圖面合併；尺寸做修改	王誠賢	2011/07/29				
			SHEET 1/1	△	增加一個材質選項	林謙豪	2012/01/06				

CUSTOMER

Conforms to The RoHS Instruction



SPECIFICATIONS

- Current Rating : 7A AC/DC
- Withstanding Voltage : 1500V AC/minute
- Insulation Resistance : 1000M Ω min
- Temperature Range : - 40°C to + 105°C
- Contact Resistance : 20m Ω max

TERMINAL

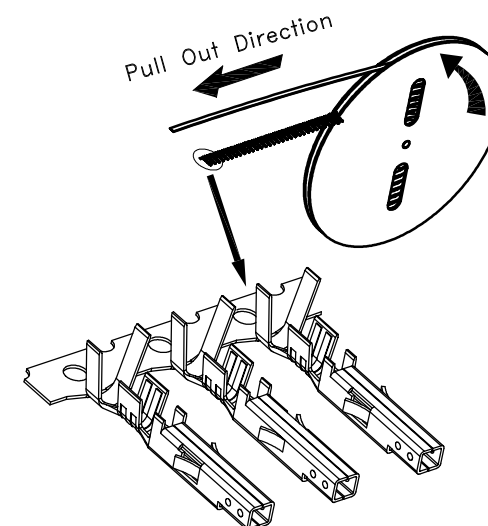
- Part No. : JS-1149-TXX

Code No. ①

① T : Standard Process, Brass

TP1 : Stamping before Plated, Brass

- Applicable Wires : AWG# 18 - 22
- Material : Brass
- Finish : Tin Plated
- Thickness : 0.2mm
- Q' ty : 5,000 pcs./Reel



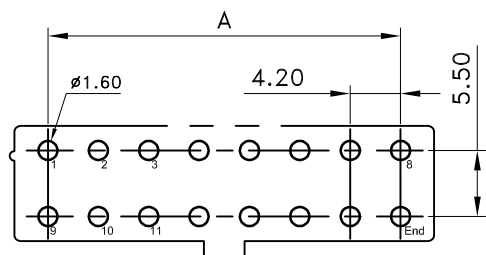
喬訊電子工業股份有限公司

CHYAO SHIUNN
ELECTRONIC INDUSTRIAL LTD.

PART NO JS-1149-TXX

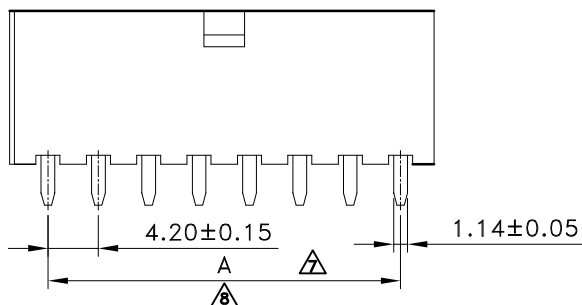
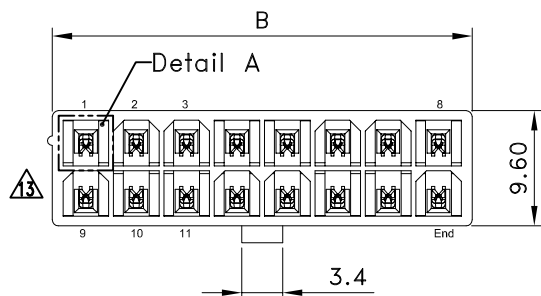
4.2mm Dip wire to Board Series power Connector (Terminal)

APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
張育瑞		mm	.0	±0.30	▲	劉蓮花	06/05/24	▲			
CHECKED BY	PROJ	VER NO.	.00	±0.20	▲	劉蓮花	06/05/26	▲			
周慈雲	☉	a7	.000	±0.10	▲	簡海平	06/06/10	▲			
DRAWN BY	DATE	SIZE	ANGLE		▲	簡海平	06/06/30		CUSTOMER		
李柏昇	2016/08/05	A4	0°	±1°	▲	劉怡萱	2010/12/22				
			.0°	±	▲	標示更新	2013/12/09		Conforms to The RoHS Instruction		
			SHEET	1/1	▲	依ECR-00000160修改產品敘述	2016/08/05				



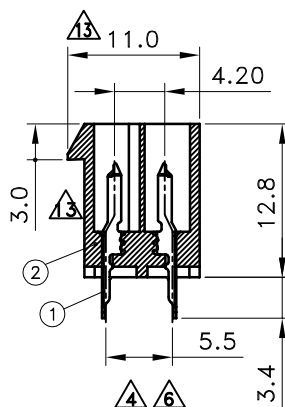
Recommended PCB Layout
General tolerance ± 0.05

Poles	Dimensions(mm)			
	A	Tolerance	B	Tolerance
2	----	± 0.30	5.60	± 0.30
4	----		9.80	
6	8.40		14.00	
8	12.60	± 0.40	18.20	± 0.40
10	16.80		22.40	
12	21.00		26.60	
14	25.20	± 0.50	30.80	± 0.50
16	29.40		35.00	
18	33.60		39.20	
20	37.80	± 0.50	43.40	± 0.50
22	42.00		47.60	
24	46.20		51.80	



Detail A

Drain Hole	Part Code
	JS-1150-XX
	JS-1150H-xx



SPECIFICATIONS

- Current Rating: 7A AC/DC
- Withstanding Voltage: 1,500V AC/minute
- Insulation Resistance: 1,000M Ω min
- Temperature Range: -40°C to +105°C
- Contact Resistance: 20m Ω max

- Material :
 - Contact : Brass, Tin Plated
 - Base : Refer the above options
- Packing : Refer the above options

WAFER

- Part No. : JS-1150 X - XX (XX) XX XX
- Product Code ① ② ③ ④ ⑤

- ① Drain Hole Type
 - Blank : Drain Hole
 - H : W/O Drain Hole

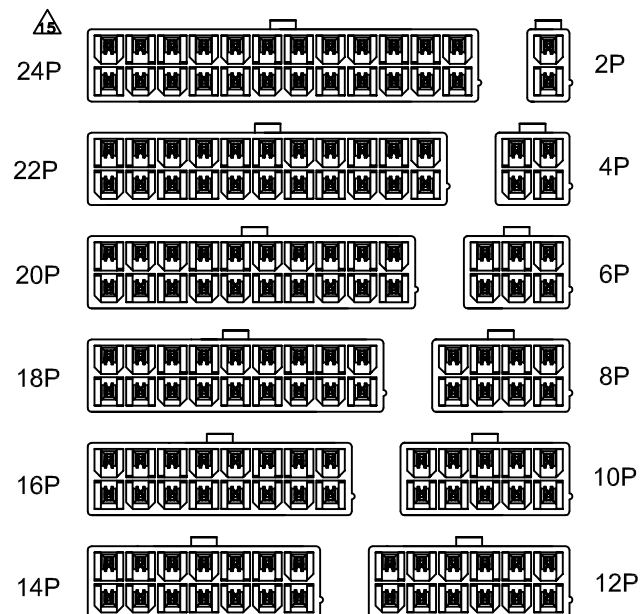
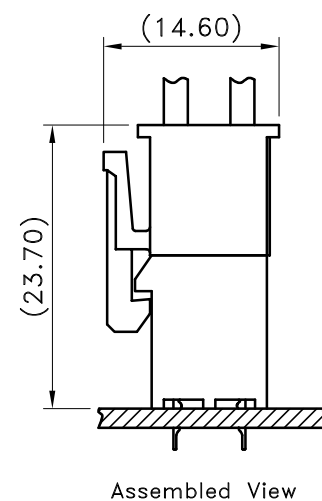
- ② Poles : 02-24



- ③ Base Material
 - Blank : Nylon 66 UL94V-2; COLOR: NATURE
 - V0 : Nylon 66 UL94V-0 ; COLOR: WHITE
 - G : Polyamide 6 UL94V-2 (Glow Wire)

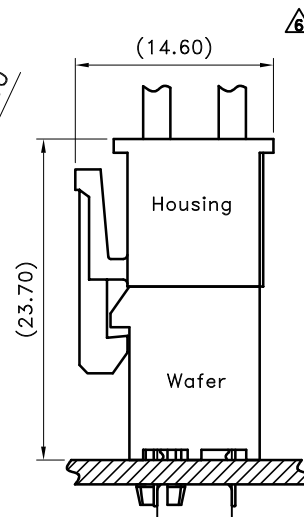
- ④ Color : Blank : Nature (Standard)
 - BK : Black (For V0 , V2)
 - R : Red
 - BU : Blue
 - Y : Yellow

- ⑤ Packing Type
 - Blank : Bag
 - /A : Tube
 - /T : Tray

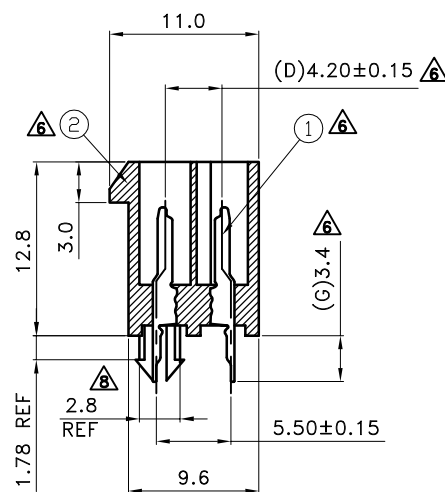
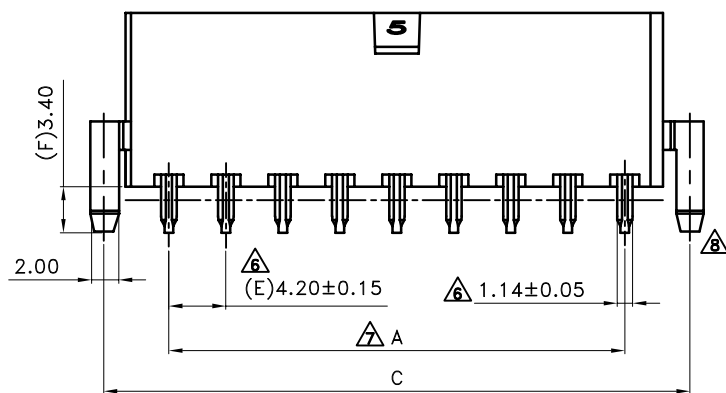
- ⑥ Plated : 120u" min. Tin over 35u" min. NICKEL



 <div>喬訊電子工業股份有限公司 CHYAO SHIUNN ELECTRONIC INDUSTRIAL LTD.</div>		APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE	
		張育瑞		mm	.0	±0.30	⑨	新增盤裝、卷裝方式及料號	王誠賢	2012/03/09	⑩	刪除模號標示	鄭小嬌	2014/03/04
		CHECKED BY	PROJ	VER NO.	.00	±0.20	⑪	新增材料顏色	林謙豪	2012/05/31	⑫	刪除霧錫料號, 新增G料號, 顏色	林宛盈	2016/05/30
		周慈雲		a 18	.000	±0.10	⑬	修改Packing Type: /T:Tray	張逸維	2013/01/02	⑭	依ECR-00000160修改產品敘述	李柏昇	2016/08/05
PART NO	JS-1150X-XX(XX)XX	DRAWN BY	DATE	SIZE	ANGLE					CUSTOMER				
4.20mm D/R WIRE TO BOARD POWER CONNECTOR						0°	±1°	⑮	取消1.4孔徑 Layout圖	黃廣珍	2013/08/12	Conforms to The RoHS Instruction		
						0°	±	⑯	增加倒角與無齒標示及修改公差	林宛盈	2013/10/21			
								⑰	增加黑色V0料選項	黃廣珍	2014/01/06			
					SHEET	1/1	⑱	增加PIN針鍍霧錫料號	鄭小嬌	2014/03/04				



6 Recommended Assembly



Poles	Dimensions(mm)		
	A	B	C
2	----	5.60±0.30	9.40±0.30
4	4.20±0.15	9.80±0.30	13.60±0.30
6	8.40±0.20	14.00±0.30	17.80±0.30
8	12.60±0.20	18.20±0.30	22.00±0.30
10	16.80±0.30	22.40±0.40	26.20±0.30
12	21.00±0.30	26.60±0.40	30.40±0.30
14	25.20±0.30	30.80±0.40	34.60±0.30
16	29.40±0.30	35.00±0.40	38.80±0.30
18	33.60±0.40	39.20±0.50	43.00±0.30
20	37.80±0.40	43.40±0.50	47.20±0.30
22	42.00±0.40	47.60±0.50	51.40±0.30
24	46.20±0.40	51.80±0.50	55.60±0.30

- Current Rating : 7A AC/DC
- Withstanding Voltage : 1,500V AC/minute
- Insulation Resistance : 1,000M Ω min
- Temperature Range : - 40 $^{\circ}$ C to + 105 $^{\circ}$ C
- Contact Resistance : 20m Ω max

- Part No. : JS - 1151 - XX(XX)XX

① Poles : 02 ~ 24

② Material : Blank : Nylon 66 UL94V-2

V0 : Nylon 66 UL94V-0

PA : PA46 UL94V-0

G : Polyamide 6 UL94V-2 (Glow Wire)

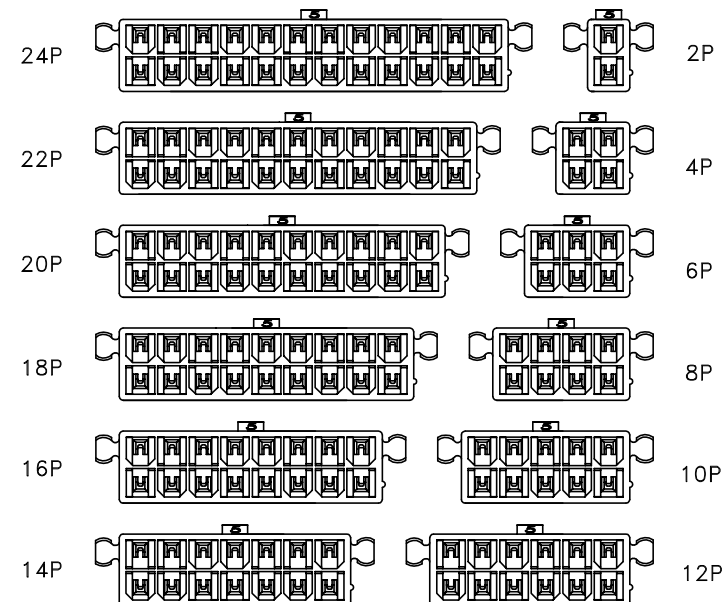
③ Color : Blank : Nature

R : Red

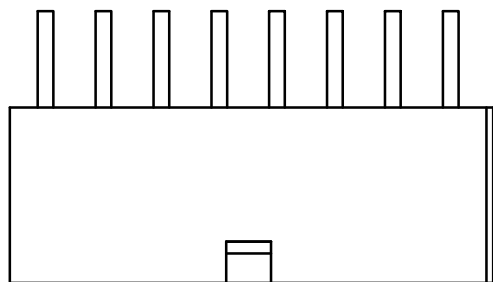
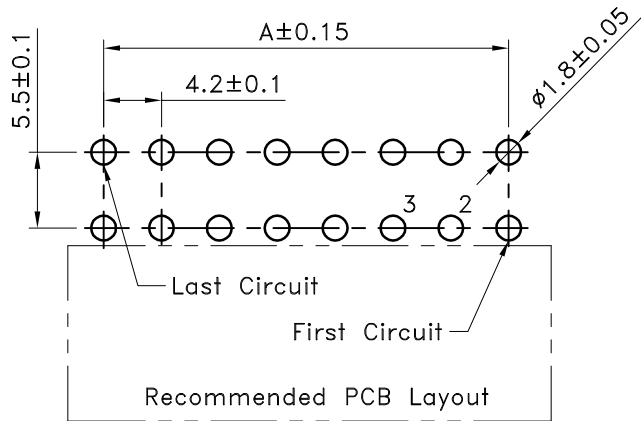
BU : Blue

Y : Yellow

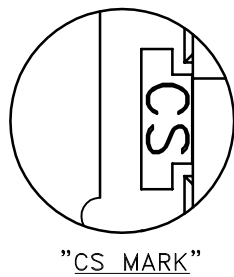
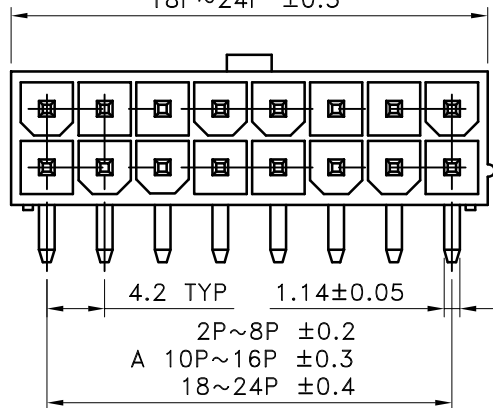
- Poles : 2-24(Straight)
- Material : 1.Contact : Brass, Tin Plated
2.Base : Refer the above narrative
- Q' ty : 1000 pcs./Bag



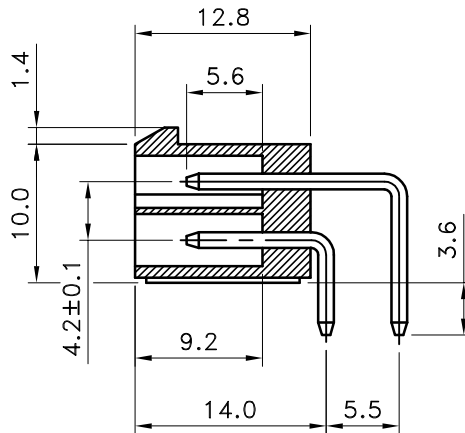
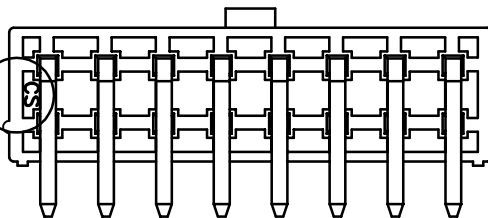
APPROVED BY	SCALE	UNIT	TOLERANCE		LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
Tom Shih		mm	.0	±0.30	1	RoHS Compliant	余秀麗	07/01/05	8	修正柱子外觀與實物相同	吳弘文	15/10/12
CHECKED BY	PROJ	VER NO.	.00	±0.20	2	DG 200708-006	劉蓮花	07/08/11	9	新增G材質及顏色,修改尺寸	林宛盛	16/05/30
			.000	±0.10	3	200708-007	黃科源	08/08/15	10	依ECR-00000160修改產品敘述	Tom Lee	16/08/05
Erin Chou		a10	ANGLE		4	200811-016	黃科源	08/11/19	CUSTOMER			
DRAWN BY	DATE	SIZE	0°	±1°	5	圖面合併	林文泰	10/07/23				
			.0°	±	6	供應商修改PIN寬	劉怡萱	11/02/21	Conforms to The RoHS Instruction			
Tom Lee	2016/08/05	A4	SHEET	1/1		修改A尺寸公差	林豐盛	11/08/01				



2P~8P ±0.3
B 10P~16P ±0.4
18P~24P ±0.5



Poles	Part No.	Dimensions(mm)	
		A	B
2	JS-1152-02	----	5.60
4	JS-1152-04	4.20	9.80
6	JS-1152-06	8.40	14.00
8	JS-1152-08	12.60	18.20
10	JS-1152-10	16.80	22.40
12	JS-1152-12	21.00	26.60
14	JS-1152-14	25.20	30.80
16	JS-1152-16	29.40	35.00
18	JS-1152-18	33.60	39.20
20	JS-1152-20	37.80	43.40
22	JS-1152-22	42.00	47.60
24	JS-1152-24	46.20	51.80

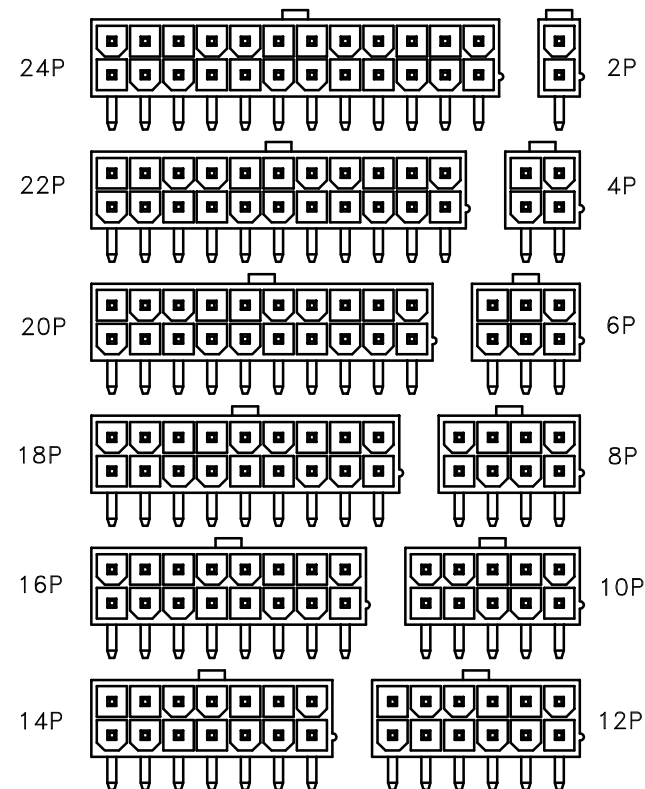


SPECIFICATIONS

- Voltage Rating : 250 V AC/DC
- Current Rating : 7A AC/DC
- Withstanding Voltage : 1,500V AC/minute
- Insulation Resistance : 1,000M Ω min
- Temperature Range : - 40 ϕ J to + 105 ϕ J
- Contact Resistance : 20m Ω max

WAFER

- Part No. : JS-1152-XX
- Poles : 2-24(Right Angle)
- Material : Contact : Brass, Tin Plated
Base : Nylon 66 UL94V-2
- △ • Packege : Blank : Box
/D : Bag



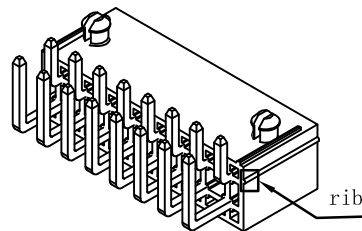
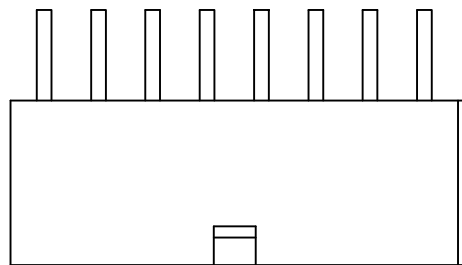
喬訊電子工業股份有限公司

CHYAO SHIUNN
ELECTRONIC INDUSTRIAL LTD.

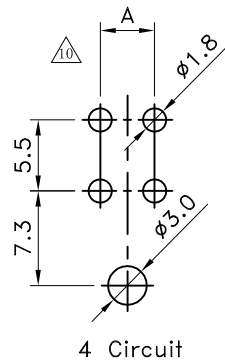
APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
張育瑞		mm	.0 ±0.30	△	RoHS Compliant	余秀麗	2007/01/05	△	依ECR-00000160修改產品敘述	李柏昇	2016/08/08
CHECKED BY	PROJ	VER NO.	.00 ±0.20	△	ECR DG 200708-006	黃科源	2007/08/11	△			
周慈雲	◎	a8	.000 ±0.10	△	ECR DG 200806-001	余秀麗	2008/06/11	△			
DRAWN BY	DATE	SIZE	ANGLE	△	ECR 200807-010	邱森鴻	2008/07/09		CUSTOMER		
李柏昇	2016/08/08	A4	0° ±1°	△	ECR 200811-019	黃科源	2008/11/24				
			.0° ±	△	加註CS MARK位置	吳弘文	2013/03/06		Conforms to The RoHS Instruction		
			SHEET 1/1	△	增加包裝料號選項	黃廣珍	2014/06/19				

PART NO JS-1152-XX

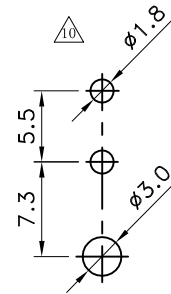
4.20mm D/R Power Connectors Wafer



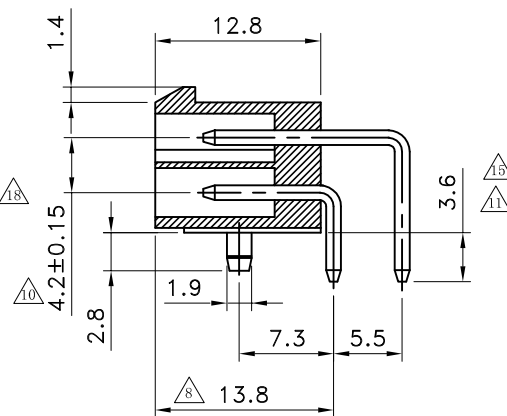
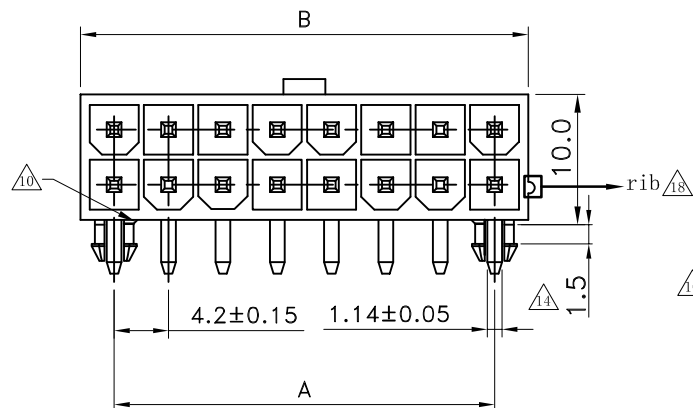
(standard type) \triangle_{18}



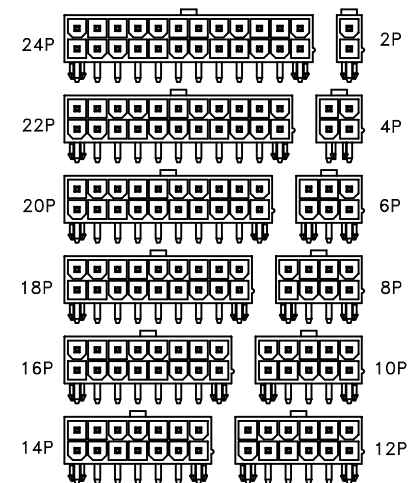
4 Circuit



2 Circuit



Poles	Dimensions(mm)	
	A	B
2	----	5.60±0.30
4	4.20±0.20	9.80±0.30
6	8.40±0.20	14.00±0.30
8	12.60±0.20	18.20±0.30
10	16.80±0.30	22.40±0.40
12	21.00±0.30	26.60±0.40
14	25.20±0.30	30.80±0.40
16	29.40±0.30	35.00±0.40
18	33.60±0.40	39.20±0.50
20	37.80±0.40	43.40±0.50
22	42.00±0.40	47.60±0.50
24	46.20±0.40	51.80±0.50



- Voltage Rating : 250 V AC/DC
- Current Rating : 7A AC/DC
- Withstanding Voltage : 1,500V AC/minute
- Insulation Resistance : 1,000M Ω min
- Temperature Range : - 40 $^{\circ}$ C to + 105 $^{\circ}$ C
- Contact Resistance : 20m Ω max

① Poles: 02~24P ① ② ③ ④ ⑤

③ Material Base

Blank : Nylon 66 UL94V-2 Halogen Free
VO : Nylon 66 UL94V-0 Halogen Free
PA : PA46 UL94V-0 With Halogen
G : Polyamide 6 UL94V-2 (Glow Wire)

④ Color : Blank : Nature
BK : Black
BK7C : Black 7C
OR : Orange
BU : Blue
R : Red
Y : Yellow

(For V0,V2,PA)

⑤ Package : Blank : Box

Material: Contact : Brass, 120u" min
Tin over all 30u" Ni



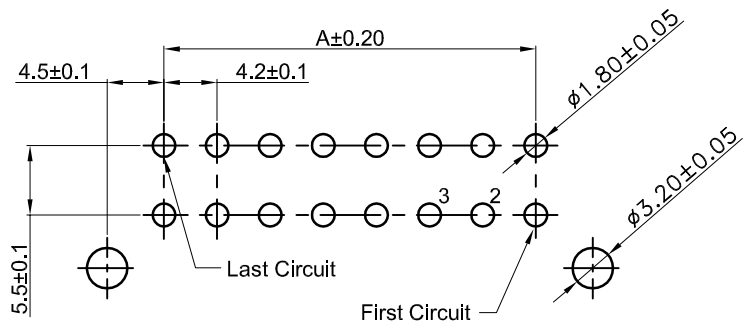
喬訊電子工業股份有限公司

CHYAO SHIUNN
ELECTRONIC INDUSTRIAL LTD.

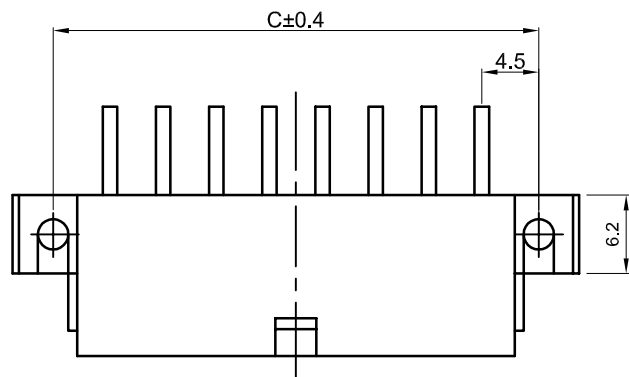
PART NO	JS-1153-XXXX(X)XXXX
---------	---------------------

4.20mm D/R Power Connectors Wafer

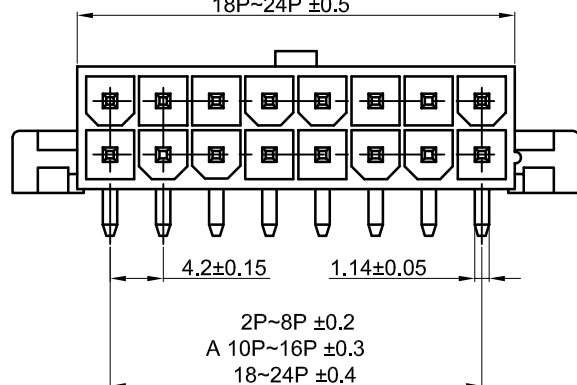
APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
Tom Shih	1:1	mm	.0	±0.30	取消NI選項,修改尺寸公差,增加D包裝方式 增加銹子側角	黃廣珍	2013/05/06	△A	增加G材料及顏色	林宛盈	2016/05/06
CHECKED BY	PROJ	VER NO.	.00	±0.20	修改DIP尺寸公差	黃廣珍	2013/07/11	△B	料號內容說明增加:WR為無肋條選項	藍美娜	2016/08/04
			.000	±0.10	加註齒素敘述	吳弘文	2013/09/17	△A	依ECR-00000160修改產品敘述	Tom Lee	2016/08/10
Erin Chou		a19	ANGLE		修改Layout圖 6.7尺寸為6.5與實物一致	黃廣珍	2013/09/24	CUSTOMER			
DRAWN BY	DATE	SIZE	0°	±1°	增加定位柱尺寸標示	吳弘文	2014/03/25				
			0°	±	修改尺寸公差	鄭小嬌	2015/02/02	Conforms to The RoHS Instruction			
Tom Lee	2016/08/10	A4	SHEET	1/1	增加BK7C顏色選擇	曾慶根	2015/06/12				



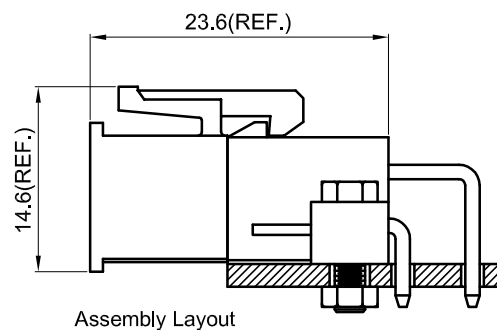
Recommended PCB Layout



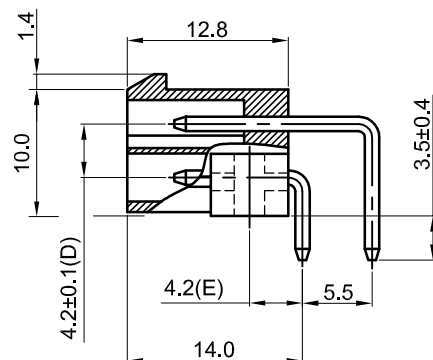
2P~8P ±0.3
B 10P~16P ±0.4
18P~24P ±0.5



Poles	Dimensions(mm)		
	A	B	C
2	----	5.60	9.00
4	4.20	9.80	13.20
6	8.40	14.00	17.40
8	12.60	18.20	21.60
10	16.80	22.40	25.80
12	21.00	26.60	30.00
14	25.20	30.80	34.20
16	29.40	35.00	38.40
18	33.60	39.20	42.60
20	37.80	43.40	46.80
22	42.00	47.60	51.00
24	46.20	51.80	55.20



Assembly Layout

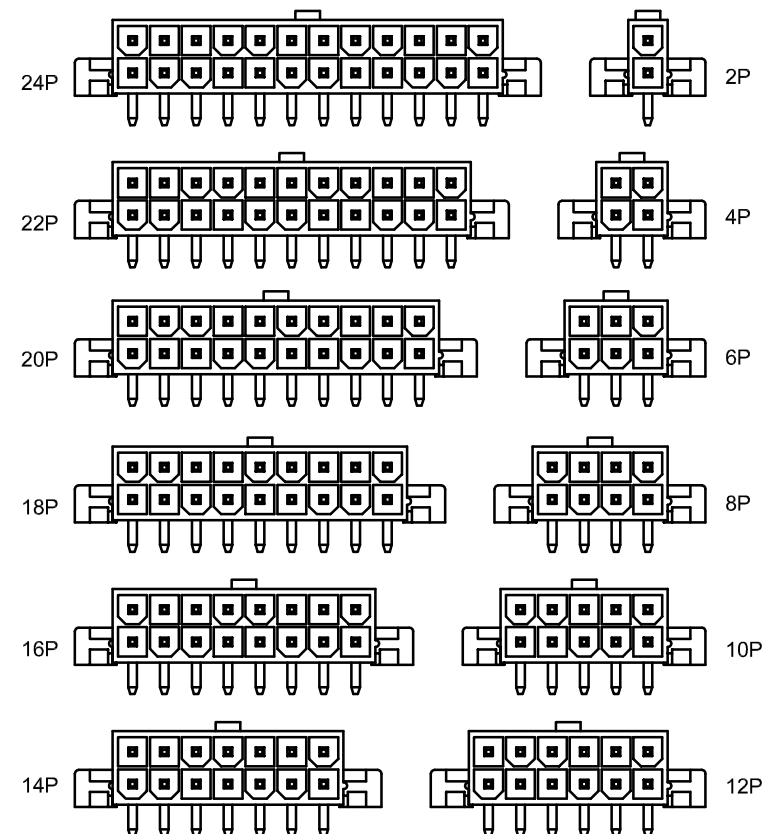


SPECIFICATIONS

- Voltage Rating : 250 V AC/DC
- Current Rating : 7A AC/DC
- Withstanding Voltage : 1,500V AC/minute
- Insulation Resistance : 1,000M Ω min
- Temperature Range : - 40 $^{\circ}$ C to + 105 $^{\circ}$ C
- Contact Resistance : 20m Ω max

WAFER

- Part No. : JS-1154-XX
- Poles : 2-24(Right Angle)
- Material : Contact : Brass, Tin Plated
Base : Nylon 66 UL94V-2;Color : Nature
- Q' ty : 1000 pcs./Bag



喬訊電子工業股份有限公司

CHYAO SHIUNN
ELECTRONIC INDUSTRIAL LTD.

APPROVED BY	SCALE	UNIT	TOLERANCE	LTR	REVISION RECORD	NAME	DATE	LTR	REVISION RECORD	NAME	DATE
張育瑞		mm	.0 ±0.30	△	變更原因遺失	XXX	XX/XX/XX	△			
CHECKED BY	PROJ	VER NO.	.00 ±0.20	△	變更原因遺失	XXX	XX/XX/XX	△			
周慈雲	◎	a7	.000 ±0.10	△	大幅修改圖面內容	黃科源	08/08/14	△			
DRAWN BY	DATE	SIZE	ANGLE	△	增加剖面視圖	黃科源	08/11/24		CUSTOMER		
李柏昇	2016/08/08	A4	0° ±1°	△	尺寸對照表遺漏C尺寸	林 暉	09/11/25				
			.0° ±	△	C尺寸 尺寸對照表修改	林文泰	10/01/15		Conforms to The RoHS Instruction		
			SHEET 1/1	△	依ECR-00000160修改產品敘述	李柏昇	16/08/08				

PART NO JS-1154-XX

4.20mm D/R Power Connectors Wafer