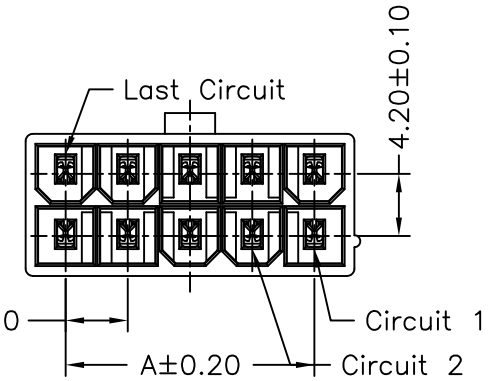
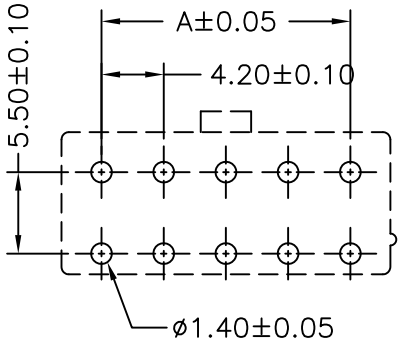
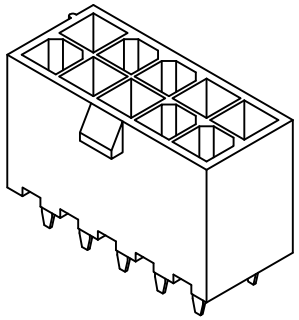




P.C.B LAYOUT

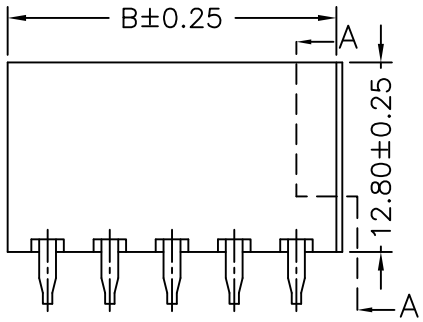


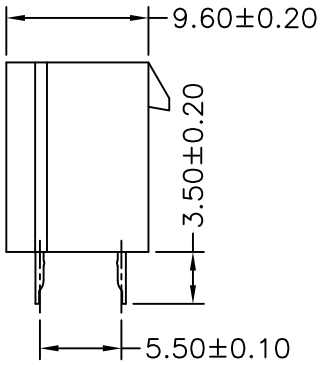
P/N LEGEND

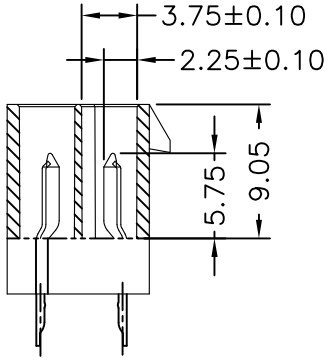
2WBC4255 WVA-2XNP N X X T1 N 00 B
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① Series No.
② Connector type: WVA=Vertical A type
③ No. of circuits
④ N=Halogen Free
⑤ Material: 0=Nylon 66-V0 ; 2=Nylon 66-V2
L=LCP-V0
⑥ Color: B=Black; W=White; N=Natural
⑦ Plating code for contacts: T1=Tin-plated
⑧ Plating code: N=Non-plating
⑨ Option code: 00=Standard
⑩ Packing code: B=Tray

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

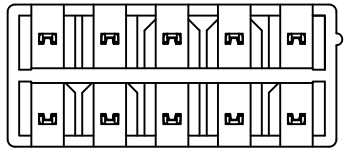






SEC:A-A

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



REV.	DESCRIPTION	DATE	NAME
A1	EN1510160001	2015.10.16	郭木恩
A0	NEW RELEASE	2012.03.13	陳錦展

GENERAL TOLERANCE
X. X±0.25
X. XX±0.15
X. XXX±0.05

Singatron Enterprise Co., Ltd.

TITLE	4.20mm PITCH 180°WAFER, MINI-FIT		
DWN	陳錦展 2012.03.13	PART NO. 2WBC4255WVA-2XNPNXXT1N00B	
CHKD		SCALE 1:1	UNIT: mm
APVD	董正一 2012.03.13	SIZE: A3	SHEET:1 OF 2 REV: A1

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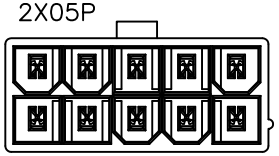
文件編號 RD-06-043-A

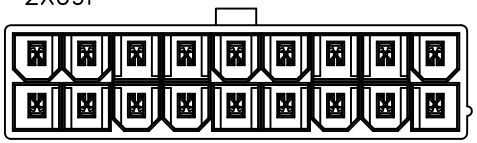
各PIN數孔位圖

2X01P

2X05P



2X09P



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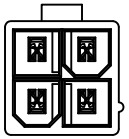

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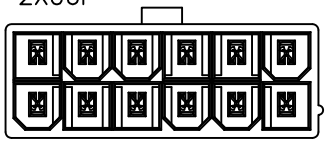

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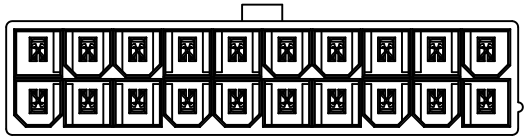

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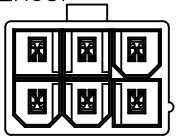

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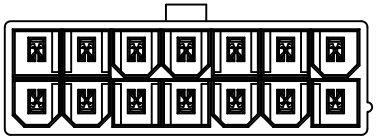

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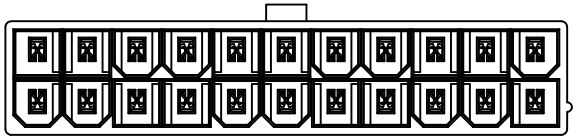

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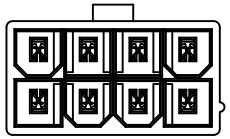

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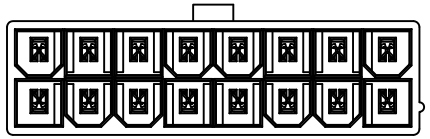
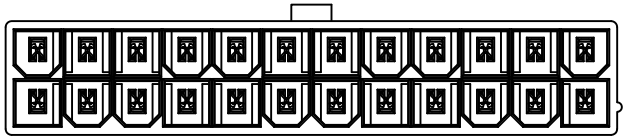


2X12P



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A1	EN1510160001	2015.10.16	郭木恩
A0	NEW RELEASE	2012.03.13	陳錦展

GENERAL TOLERANCE
X.X±0.25
X.XX±0.15
X.XXX±0.05

Singatron Enterprise Co., Ltd.

TITLE	4.20mm PITCH 180°WAFER,MINI-FIT		
DWN	陳錦展 2012.03.13	PART NO. 2WBC4255WVA-2XNPNXXT1N00B	
CHKD		SCALE 1:1	UNIT: mm
APVD	董正一 2012.03.13	SIZE: A3	SHEET:2 OF 2 REV: A1

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文件編號:RD-06-043-A