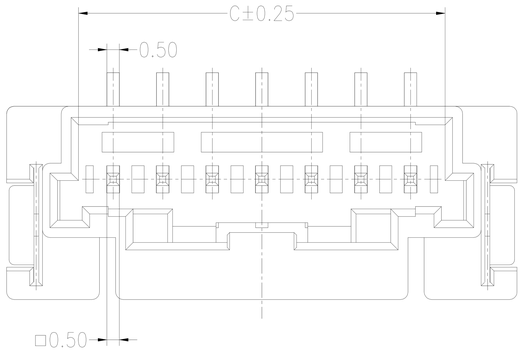
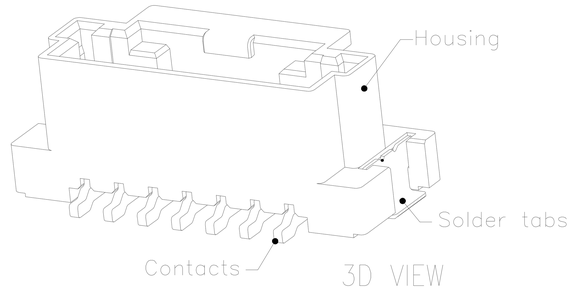
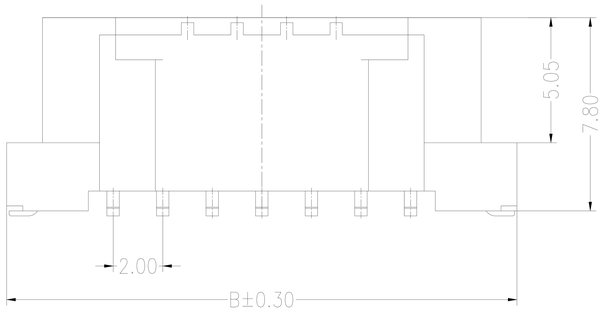
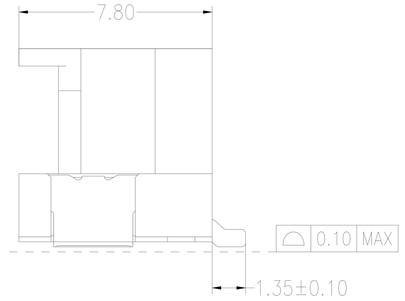
REV	DESCRIPTION	DESIGN	DATE
A0	NEW RELEASE	FangSongLe	2019/05/28
A1	Add LCP materials	Jiangjianyin	2020/07/27



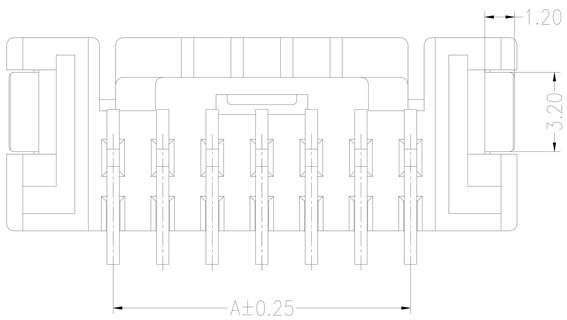


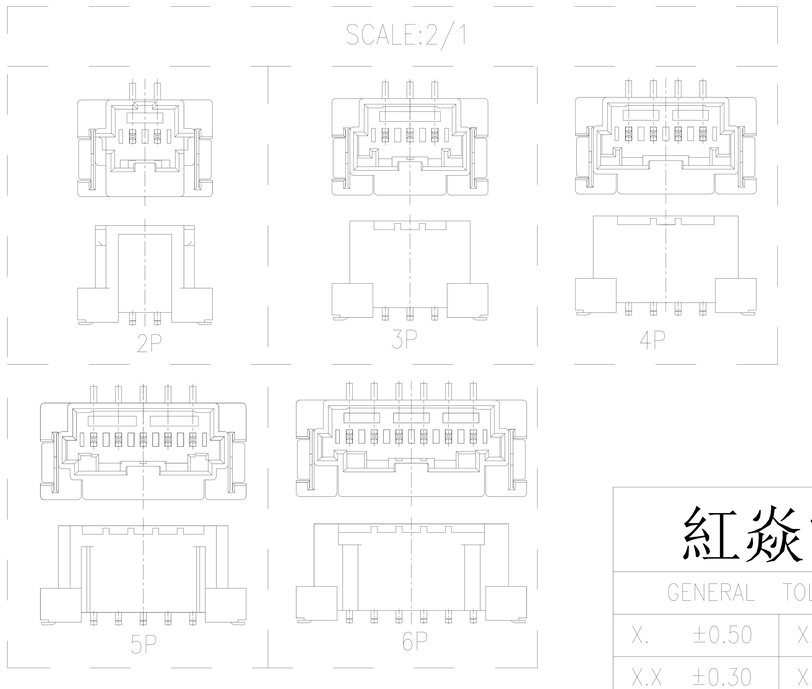


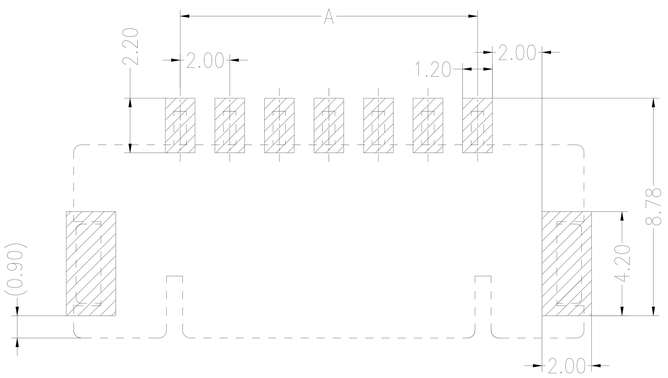


Specifications:

Contact resistance:≤10mΩ
Insulation resistance:≥1000MΩ
Rated voltage:125V AC DC
Rated current:3.0A AC DC
Withstand Voltage: 500V AC/minute
Temperature Range:-40℃～ +105℃
Housing:PA9T/LCP UL94V-0,Natural
Contacts:Phosphor Bronze/MATTE Sn
Solder Tabs:Brass/MATTE Sn







SUGGESTED PCB LAYOUT

PIN	DIM A	DIM B	DIM C	PIN	DIM A	DIM B	DIM C
2	2.00	10.90	4.80	9	16.00	24.60	18.80
3	4.00	12.60	6.80	10	18.00	26.60	20.80
4	6.00	14.60	8.80	11	20.00	28.60	22.80
5	8.00	16.60	10.80	12	22.00	30.60	24.80
6	10.00	18.60	12.80	*13	24.00	32.60	26.80
7	12.00	20.60	14.80	*14	26.00	34.60	28.80
8	14.00	22.60	16.80	*15	28.00	36.60	30.80

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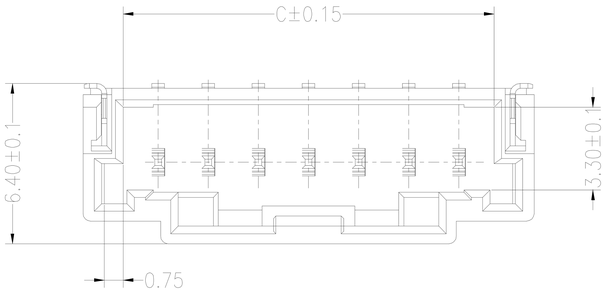
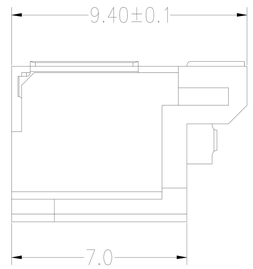
GENERAL TOLERANCE			
X.	±0.50	X.	±5°
X.X	±0.30	X.X	±2°
X.XX	±0.20	X.XX	±1°
		UNITS:	mm

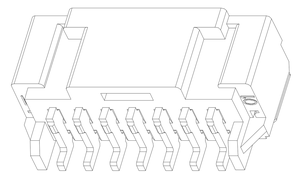
USE: CUSTOMER
APPD: Steven
CHKD: Liuzhengling
DR: FangSongLe

TITLE: 2.0 Pitch Wafer 180° SMT
PART NO.: A2009AWV-NP
DWG NO.:
SCALE 1 : 1
SHEET 1 / 1

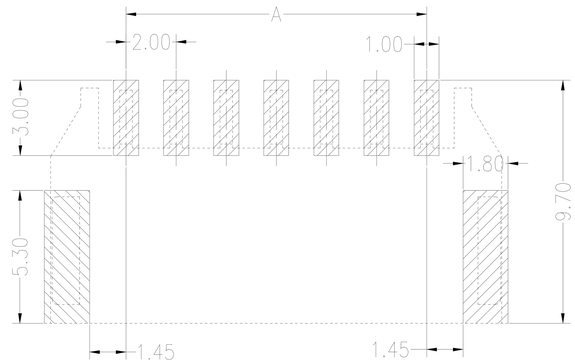
REV	ECN No.	DESCRIPTION	DESIGN	DATE
A0		Release	—	2018.08.03

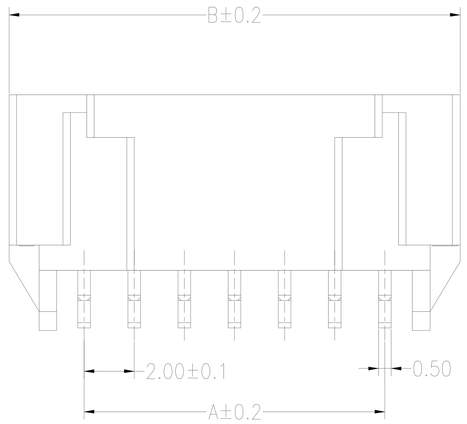




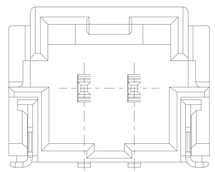


PCB LAYOUT





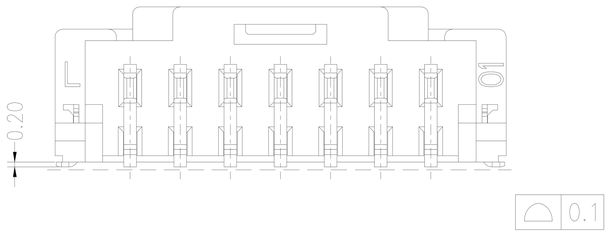
2P



PIN.	DIM A	DIM B	DIM C
2pin	2.00	8.00	4.80
3pin	4.00	10.00	6.80
4pin	6.00	12.00	8.80
5pin	8.00	14.00	10.80
6pin	10.00	16.00	12.80
7pin	12.00	18.00	14.80
8pin	14.00	20.00	16.80
9pin	16.00	22.00	18.80
10pin	18.00	24.00	20.80
11pin	20.00	26.00	22.80
12pin	22.00	28.00	24.80
13pin	24.00	30.00	26.80
14pin	26.00	32.00	28.80
15pin	28.00	34.00	30.80

主要技术参数 Main Specifications

线　　数 (Poles): 02 to 15
接触电阻 (Contact resistance):≤10mΩ
绝缘电阻 (Insulation resistance):≥1000MΩ
额定电压 (Rated voltage):125V AC DC
额定电流 (Rated current):3.0A AC DC
耐 电 压 (Withstand Voltage): 500V AC/minute
温度范围 (Temperature Range) :-40℃～ +105℃



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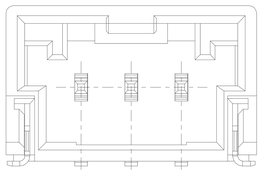
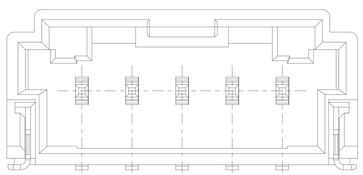
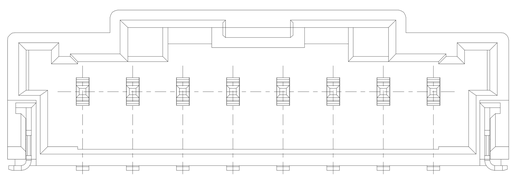


5P



8P



ITEM	COMPONENT		Q'TY	MATERIAL	FINISH
C	SOLDER TAB		2 PCS	PhosphorBronze	MATTE Sn-plated
B	CONTACT		2~15 PCS	PhosphorBronze	MATTE Sn-plated
A	HOUSING		1 PCS	PA9T	UL 94V-0, COLOR:BEIGE

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TITLE: A2009AWR
2.00mmPITCH 90°WAFER SMT TYPE

X.±0.5	X.±5°	USE: CUSTOMER	PART NO.: A2009AWR-NP
.X±0.3	.X±2°	APPD: 邵敬和	DWG NO.:
.XX±0.25	.XX±1°	CHKD: 田峰	
--	--	DR: 蒋建银	SCALE 1 : 1 / SHEET 1 / 1
	UNITS: mm		