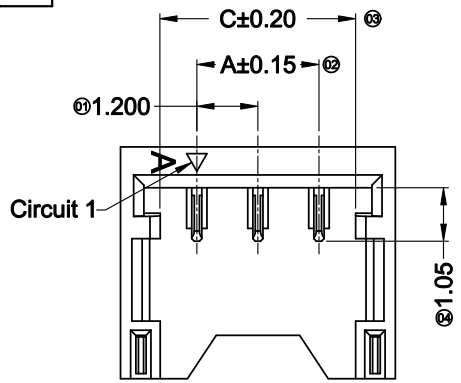
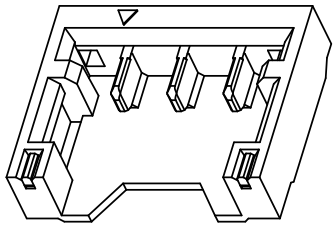
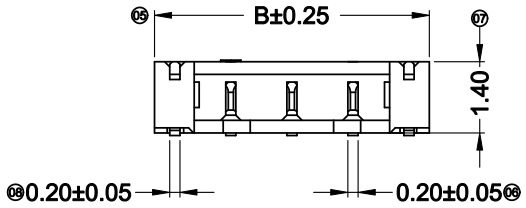
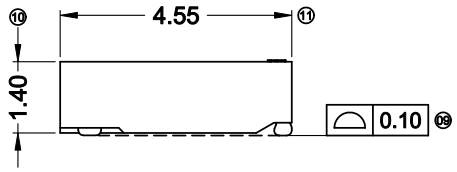
RoHS Lead-free

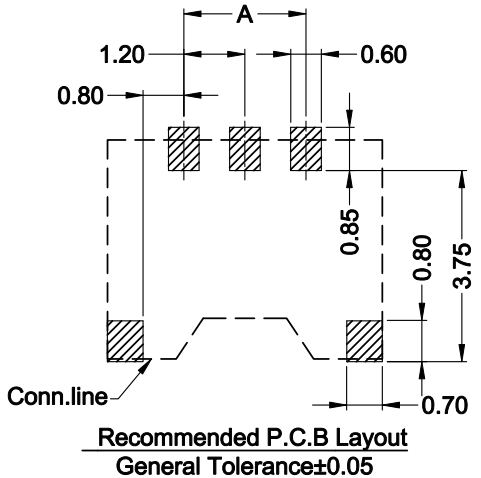
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Recommended P.C.B Layout
General Tolerance±0.05

■ Specifications :

- Voltage rating: 50V AC / DC
- Current rating: 2.0A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance:≥100MΩ
- Contact resistance: ≤20mΩ
- After environmental testing：≤40mΩ

1224	W	R	S-XX	X-	XX	V01	XX-	N
01	02	03	04	05	06	07	08	09	10

01 Series No.
02 Category： W-wafer
03 Welding Board Angle: R-Right Angle 90°
04 Welding Way: S-SMT
05 Row No.-Pin No.: XX-04P~07P
06 Plug the Pin & Special NO.:
07 Material： 4T-PA4T - 94V0
08 Planting Category: V01: All Gold Flash
09 Color： Blank- Black Color
10 Mark : N- No Mark

Poles	Dimensions(mm)		
	A	B	C
02	1.20	4.20	2.64
03	2.40	5.40	3.84

1224WRS-XX-4TV01-N	PA4T UL 94V-0	Phorphos Bronze	Gold-Flash	Brass	Matte Tin Plating	1224H
PART N0	Material	Material(Pin)	Finish(Pin)	Material (Solder Tabs)	Finish (Solder Tabs)	Mates With ADZL Housing

DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX ±0.10

PROJECT

东莞市思量连接器有限公司
DONGGUAN ADZL CONNECTORS CO.,LTD.

APPROVAL	CHECK	DRAWN	DATA
Ken	Zhao Hong	Allen	2024/06/26

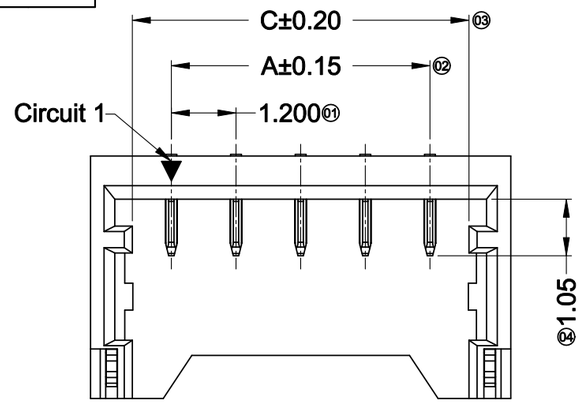
PART NO. 1224WRS-XX-XXV01-N

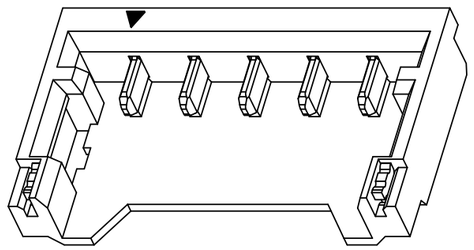
TITLE 1.20mm Crimp Style Connectors

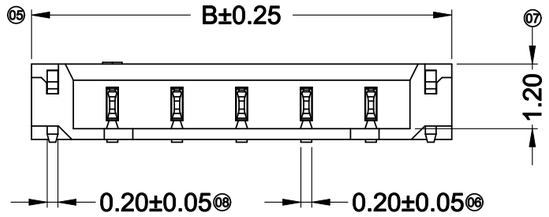
UNIT	SCALE	NUMBER	REV
MM	1 : 1		

RoHS Lead-free

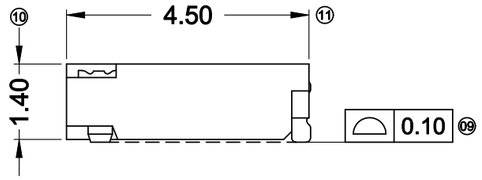
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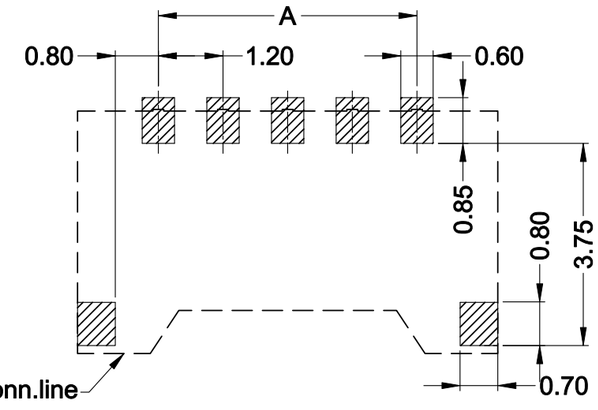




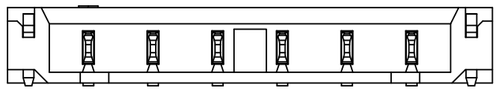


4-5P Without Sticking Point

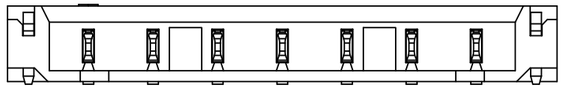




Recommended P.C.B Layout
General Tolerance±0.05



6P With Sticking Point
Scale 1:1



7~10P With Sticking Point
Scale 1:1

■ Specifications :

- Voltage rating: 50V AC / DC
- Current rating: 2.0A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance:≥100MΩ
- Contact resistance: ≤20mΩ
- After environmental testing：≤40mΩ

1224 W R S-XX L- XX V01 XX-N
01 02 03 04 05 06 07 08 09 10

01 Series No.
02 Category： W-wafer
03 Welding Board Angle: R-Right Angle 90°
04 Welding Way: S-SMT
05 Row No.-Pin No.: XX-04P~07P
06 Plug the Pin & Special NO.: L-36 Edition
07 Material：4T-PA4T 94V-0
08 Planting Category: V01: All Gold Flash
09 Color： Blank-Black Color
10 Mark : N- No Mark

Poles	Dimensions(mm)		
	A	B	C
04	3.60	6.60	5.04
05	4.80	7.80	6.24
06	6.00	9.00	7.44
07	7.20	10.20	8.64
08	8.40	11.40	9.84
09	9.60	12.60	11.04
10	10.80	13.80	12.24

1224WRS-XXL-4TV01-N	PA4T UL 94V-0	Phorphos Bronze	Gold-Flash	Brass	Matte Tin Plating	1224H
PART N0	Material	Material(Pin)	Finish(Pin)	Material (Solder Tabs)	Finish (Solder Tabs)	Mates With ADZL Housing

DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX ±0.10

PROJECT

东莞市思量连接器有限公司
DONGGUAN ADZL CONNECTORS CO.,LTD.

APPROVAL	CHECK	DRAWN	DATA
Ken	Zhao Hong	Allen	2024/06/26

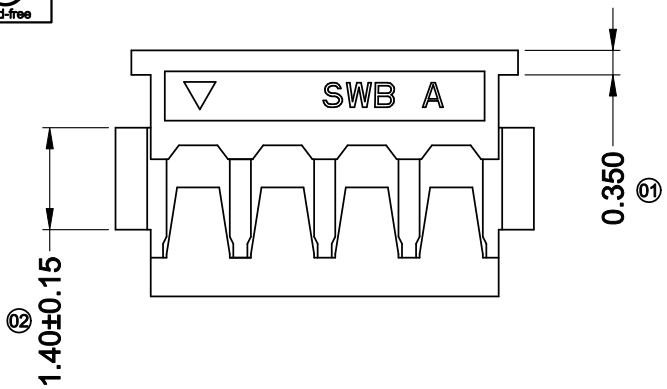
PART NO. 1224WRS-XXL-XXV01-N

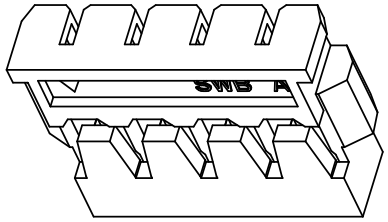
TITLE 1.20mm Crimp Style Connectors

UNIT	SCALE	NUMBER	REV
MM	1 : 1		

RoHS Lead-free

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3D View

■ Specifications :

- Voltage rating: 50V AC / DC
- Current rating: 2A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance:≥100MΩ
- Contact resistance: ≤20mΩ
- After environmental testing：≤40mΩ

1224 H X- XX XX-LP BK
① ②③ ④ ⑤ ⑥ ⑦

① Series No.
② Category：H-HSG
③ Welding Board Angle：Blank-ordinary
④ Row No.-Pin No.: XX-02~10P
⑤ Special No.
⑥ Material：LP-LCP 94V-0
⑦ Color： BK-Black;

Poles	Dimensions(mm)			
	A	B	C	D
2	1.20	2.55	3.15	3.55
3	2.40	3.75	4.35	4.75
4	3.60	4.95	5.55	5.95
5	4.80	6.15	6.75	7.15
6	6.00	7.35	7.95	8.35
7	7.20	8.55	9.15	9.55
8	8.40	9.75	10.35	10.75
9	9.60	10.95	11.55	11.95
10	10.80	12.15	12.75	13.15

DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX ±0.10
PROJECT

东莞市思量连接器有限公司
DONGGUAN ADZL CONNECTORS CO.,LTD.

APPROVAL	CHECK	DRAWN	DATA
Ken	Zhao Hong	Allen	2024/12/25

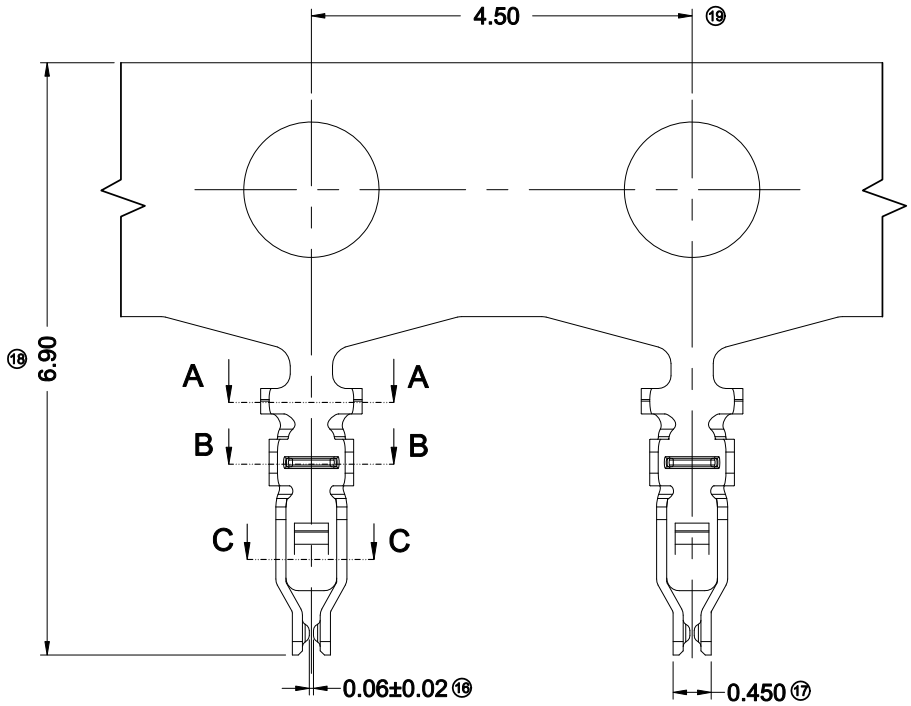
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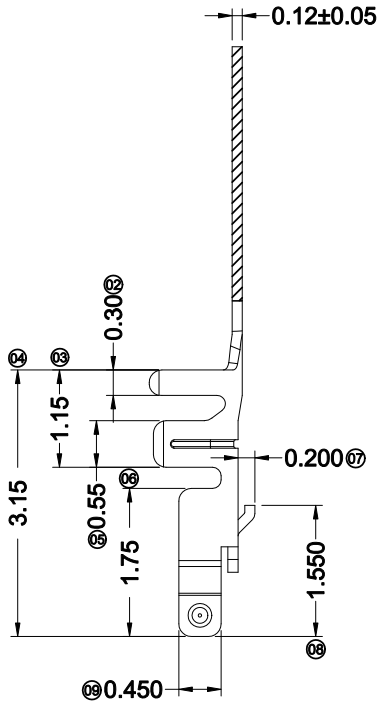
TITLE 1.20 mm Crimp Style Connectors

UNIT	SCALE	NUMBER	REV
MM	1 : 1		

RoHS Lead-free

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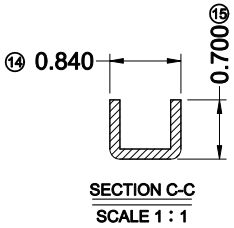


■ Specifications :

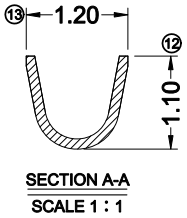
- Voltage rating: 50V AC / DC
- Current rating: 2A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance:≥100MΩ
- Contact resistance: ≤20mΩ
- After environmental testing：≤40mΩ

1224 T X-P V01 X
① ② ③ ④ ⑤ ⑥

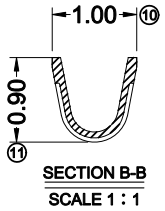
① Series Number
② Category: T-terminal
③ Shape：Blank-ordinary
④ Material：P-Phosphor bronze
⑤ Plating style: V01- All Gold Flash
⑥ Plating method：
Blank-Stamping before plating



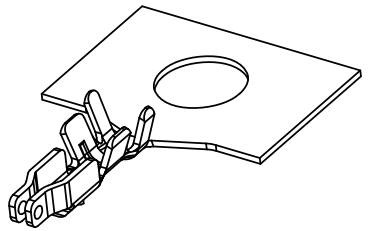
SECTION C-C
SCALE 1 : 1



SECTION A-A
SCALE 1 : 1



SECTION B-B
SCALE 1 : 1



1224T-PV01	Phosphor Bronze	AWG#28-30	0.70mm (Max.)	Stamping Before Pating:30u" Ni;Whole Gold :Gold Flash	1224H
PART N0	Material	Wire Range	Insulation O.D.	Finish	Used In ADZL Housing

DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX ±0.10
PROJECT

东莞市思量连接器有限公司
DONGGUAN ADZL CONNECTORS CO.,LTD.

APPROVAL	CHECK	DRAWN	DATA
Ken	Zhao Hong	Allen	2026/11/25

PART NO. 1224T-PV01
TITLE 1.20mm Crimp Style Connectors

UNIT	SCALE	NUMBER	REV
MM	1 : 1		