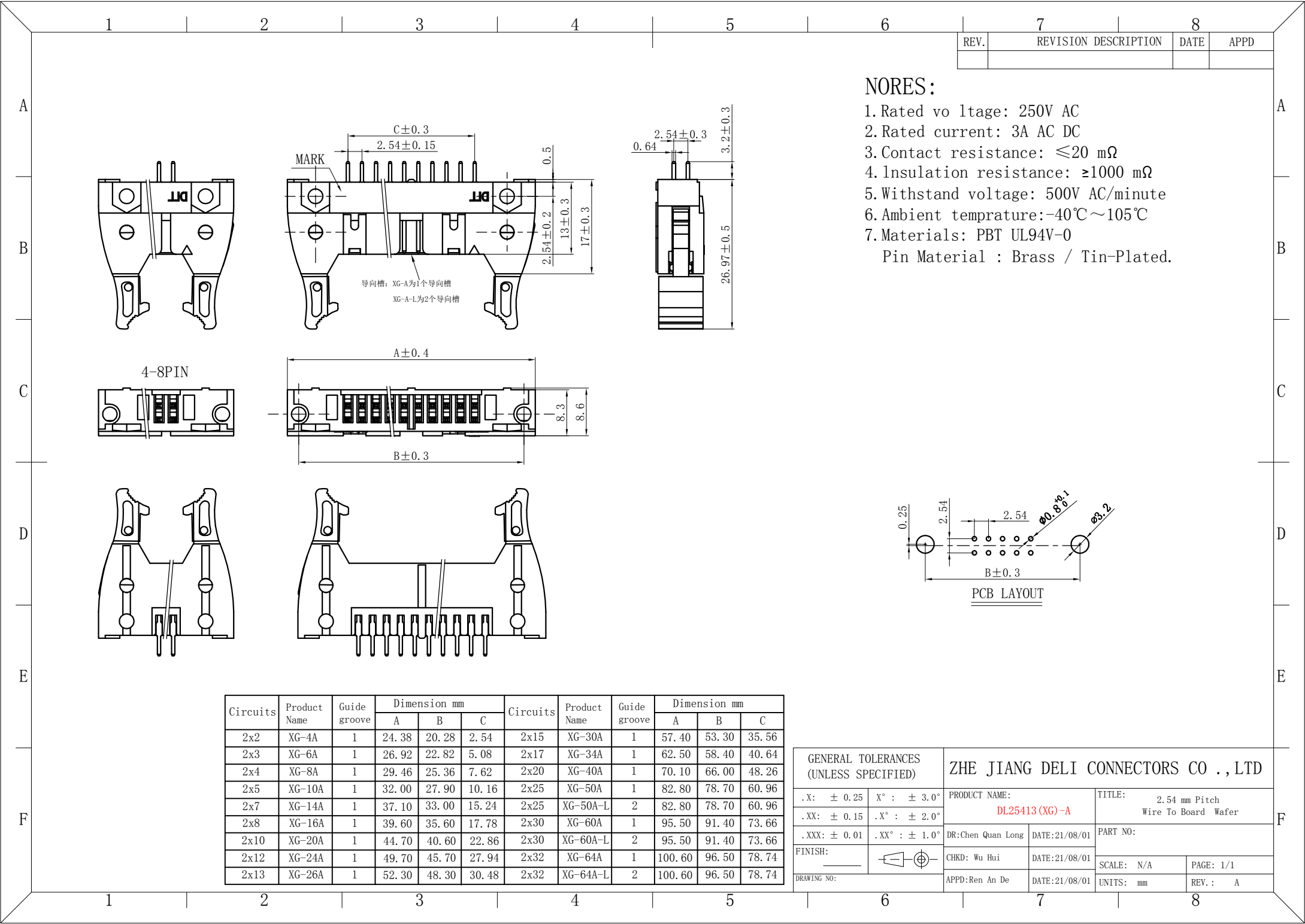




- NORES:**
- 1. Rated voltage: 250V AC
 - 2. Rated current: 3A AC DC
 - 3. Contact resistance: $\leq 20 \text{ m}\Omega$
 - 4. Insulation resistance: $\geq 1000 \text{ m}\Omega$
 - 5. Withstand voltage: 500V AC/minute
 - 6. Ambient temperature: $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$
 - 7. Materials: PBT UL94V-0
- Pin Material : Brass / Tin-Plated.

Circuits	Product Name	Guide groove	Dimension mm			Circuits	Product Name	Guide groove	Dimension mm		
			A	B	C				A	B	C
2x2	XG-4A	1	24.38	20.28	2.54	2x15	XG-30A	1	57.40	53.30	35.56
2x3	XG-6A	1	26.92	22.82	5.08	2x17	XG-34A	1	62.50	58.40	40.64
2x4	XG-8A	1	29.46	25.36	7.62	2x20	XG-40A	1	70.10	66.00	48.26
2x5	XG-10A	1	32.00	27.90	10.16	2x25	XG-50A	1	82.80	78.70	60.96
2x7	XG-14A	1	37.10	33.00	15.24	2x25	XG-50A-L	2	82.80	78.70	60.96
2x8	XG-16A	1	39.60	35.60	17.78	2x30	XG-60A	1	95.50	91.40	73.66
2x10	XG-20A	1	44.70	40.60	22.86	2x30	XG-60A-L	2	95.50	91.40	73.66
2x12	XG-24A	1	49.70	45.70	27.94	2x32	XG-64A	1	100.60	96.50	78.74
2x13	XG-26A	1	52.30	48.30	30.48	2x32	XG-64A-L	2	100.60	96.50	78.74

GENERAL TOLERANCES (UNLESS SPECIFIED)			ZHE JIANG DELI CONNECTORS CO., LTD			
.X: ± 0.25	X°: $\pm 3.0^{\circ}$	PRODUCT NAME: DL25413 (XG)-A		TITLE: 2.54 mm Pitch Wire To Board Wafer		
.XX: ± 0.15	.X°: $\pm 2.0^{\circ}$	DR: Chen Quan Long		DATE: 21/08/01		
.XXX: ± 0.01	.XX°: $\pm 1.0^{\circ}$	FINISH:		PART NO:		
DRAWING NO:		CHKD: Wu Hui		DATE: 21/08/01		
		APPD: Ren An De		SCALE: N/A		
				UNITS: mm		
				PAGE: 1/1		
				REV.: A		

A

B

C

D

E

F

A

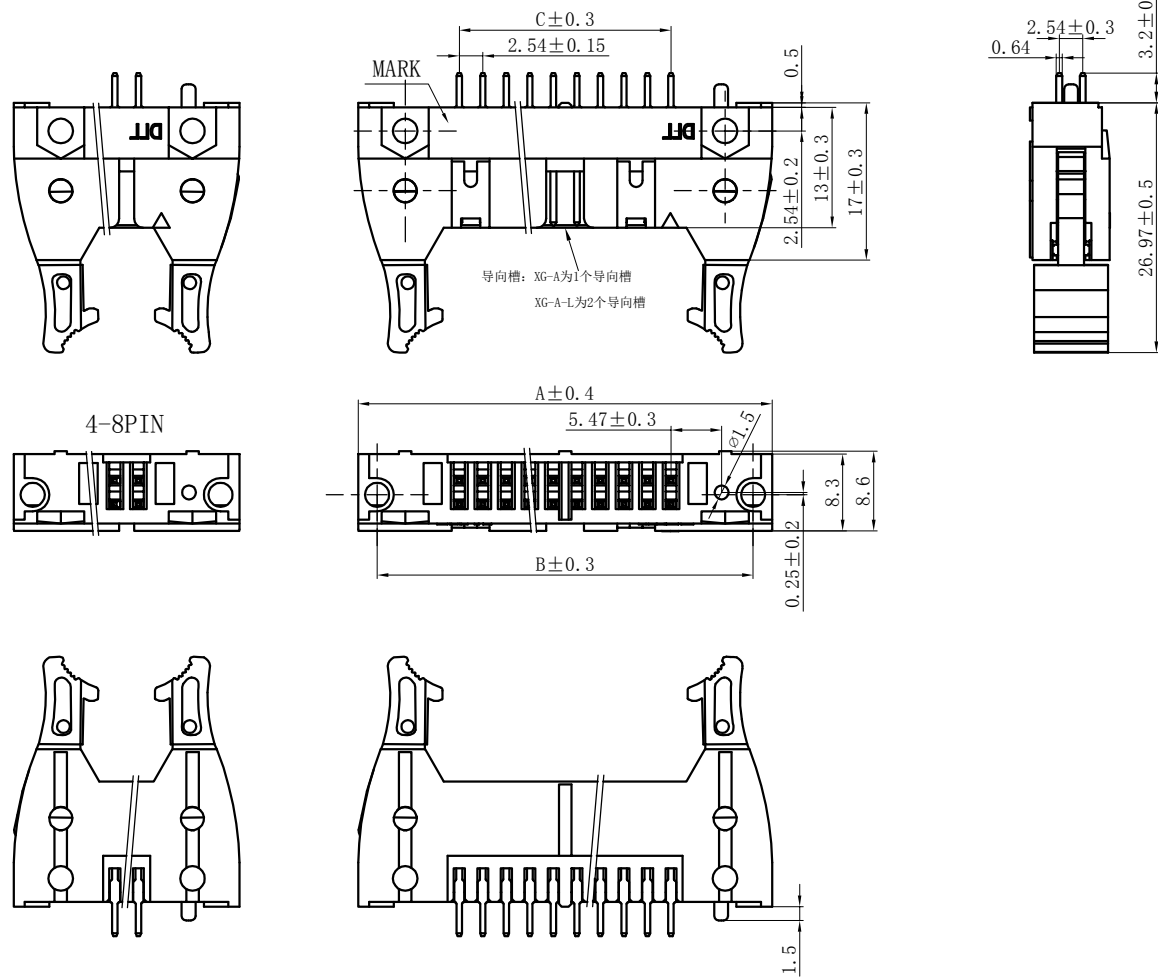
B

C

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NORES:

- 1. Rated voltage: 250V AC
 - 2. Rated current: 3A AC DC
 - 3. Contact resistance: ≤20 mΩ
 - 4. Insulation resistance: ≥1000 mΩ
 - 5. Withstand voltage: 500V AC/minute
 - 6. Ambient temprature: -40℃~105℃
 - 7. Materials: PBT UL94V-0
- Pin Material : Brass / Tin-Plated.

Circuits	Product Name	Guide groove	Dimension mm			Circuits	Product Name	Guide groove	Dimension mm		
			A	B	C				A	B	C
2x2	XG-4AS	1	24.38	20.28	2.54	2x15	XG-30AS	1	57.40	53.30	35.56
2x3	XG-6AS	1	26.92	22.82	5.08	2x17	XG-34AS	1	62.50	58.40	40.64
2x4	XG-8AS	1	29.46	25.36	7.62	2x20	XG-40AS	1	70.10	66.00	48.26
2x5	XG-10AS	1	32.00	27.90	10.16	2x25	XG-50AS	1	82.80	78.70	60.96
2x7	XG-14AS	1	37.10	33.00	15.24	2x25	XG-50AS-L	2	82.80	78.70	60.96
2x8	XG-16AS	1	39.60	35.60	17.78	2x30	XG-60AS	1	95.50	91.40	73.66
2x10	XG-20AS	1	44.70	40.60	22.86	2x30	XG-60AS-L	2	95.50	91.40	73.66
2x12	XG-24AS	1	49.70	45.70	27.94	2x32	XG-64AS	1	100.60	96.50	78.74
2x13	XG-26AS	1	52.30	48.30	30.48	2x32	XG-64AS-L	2	100.60	96.50	78.74

GENERAL TOLERANCES (UNLESS SPECIFIED)			ZHE JIANG DELI CONNECTORS CO., LTD			
.X: ± 0.25	.X°: ± 3.0°	PRODUCT NAME: DL25413 (XG)-AS		TITLE: 2.54 mm Pitch Wire To Board Wafer		
.XX: ± 0.15	.X°: ± 2.0°	DR: Chen Quan Long		DATE: 21/08/01		
.XXX: ± 0.01	.XX°: ± 1.0°	CHKD: Wu Hui		DATE: 21/08/01		
FINISH:		APPD: Ren An De		DATE: 21/08/01		
DRAWING NO:		SCALE: N/A		PAGE: 1/1		
		UNITS: mm		REV.: A		

7		8	
REV.	REVISION DESCRIPTION	DATE	APPD

NORES:

1. Rated voltage: 250V AC
2. Rated current: 3A AC DC
3. Contact resistance: $\leq 20 \text{ m}\Omega$
4. Insulation resistance: $\geq 1000 \text{ m}\Omega$
5. Withstand voltage: 500V AC/minute
6. Ambient temperature: $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$
7. Materials: PBT UL94V-0
Pin Material : Brass / Tin-Plated.

A

B

C

D

E

F

A

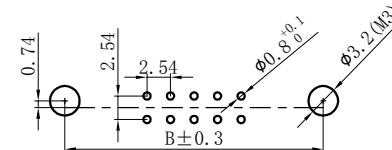
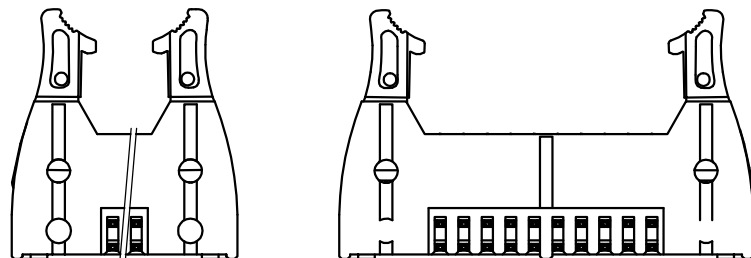
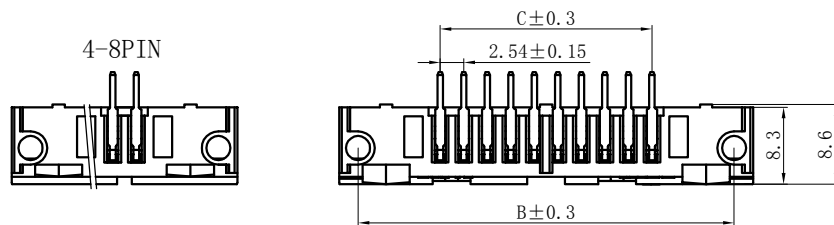
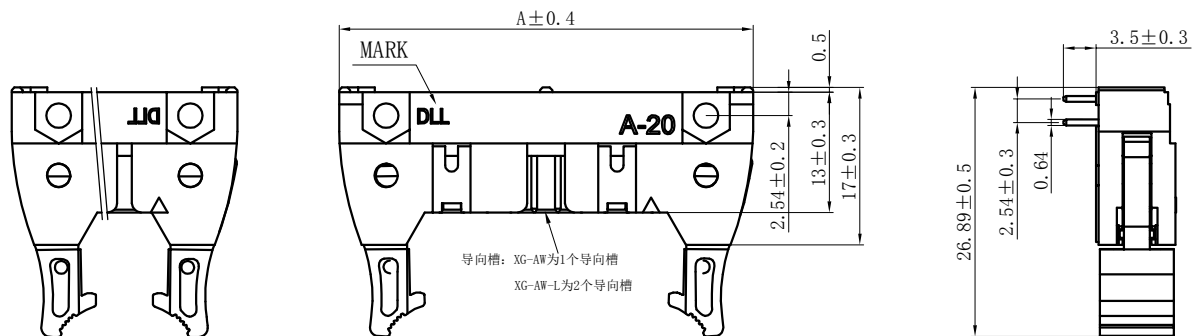
B

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F



PCB LAYOUT

Circuits	Product Name	Guide groove	Dimension mm			Circuits	Product Name	Guide groove	Dimension mm		
			A	B	C				A	B	C
2x2	XG-4AW	1	24.38	20.28	2.54	2x15	XG-30AW	1	57.40	53.30	35.56
2x3	XG-6AW	1	26.92	22.82	5.08	2x17	XG-34AW	1	62.50	58.40	40.64
2x4	XG-8AW	1	29.46	25.36	7.62	2x20	XG-40AW	1	70.10	66.00	48.26
2x5	XG-10AW	1	32.00	27.90	10.16	2x25	XG-50AW	1	82.80	78.70	60.96
2x7	XG-14AW	1	37.10	33.00	15.24	2x25	XG-50AW-L	2	82.80	78.70	60.96
2x8	XG-16AW	1	39.60	35.60	17.78	2x30	XG-60AW	1	95.50	91.40	73.66
2x10	XG-20AW	1	44.70	40.60	22.86	2x30	XG-60AW-L	2	95.50	91.40	73.66
2x12	XG-24AW	1	49.70	45.70	27.94	2x32	XG-64AW	1	100.60	96.50	78.74
2x13	XG-26AW	1	52.30	48.30	30.48	2x32	XG-64AW-L	2	100.60	96.50	78.74

GENERAL TOLERANCES (UNLESS SPECIFIED)		ZHE JIANG DELI CONNECTORS CO., LTD	
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.XX: ± 0.15	.XX°: $\pm 2.0^{\circ}$	DR: Chen Quan Long	DATE: 21/08/01
.XXX: ± 0.01	.XXX°: $\pm 1.0^{\circ}$	DATE: 21/08/01	PART NO:
FINISH:		CHKD: Wu Hui	SCALE: N/A
DRAWING NO:		DATE: 21/08/01	PAGE: 1/1
		APPD: Ren An De	UNITS: mm
			REV.: A

A

B

C

D

E

F

1	2	3	4	5	6	7	8		
						REV.	REVISION DESCRIPTION	DATE	APPD
						NORES:			
						1.Rated vo ltage: 250V AC			
						2.Rated current: 3A AC DC			
						3.Contact resistance: ≤20 mΩ			
						4.Insulation resistance: ≥1000 mΩ			
						5.Withstand voltage: 500V AC/minute			
						6.Ambient temprature:-40℃~105℃			
						7.Materials: PBT UL94V-0			
						Pin Material : Brass / Gold-Plated.			
						Half the gold plated 3u"			

A

B

C

D

E

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A

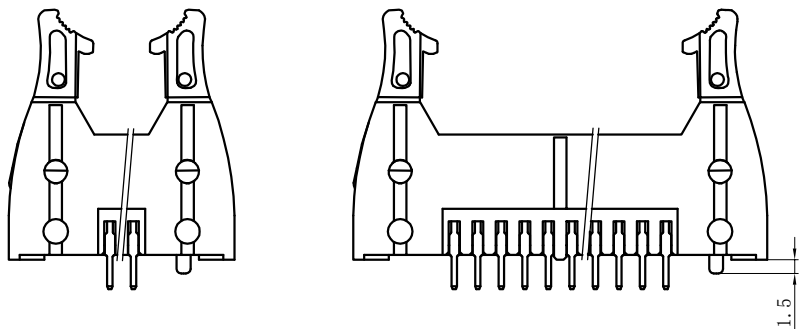
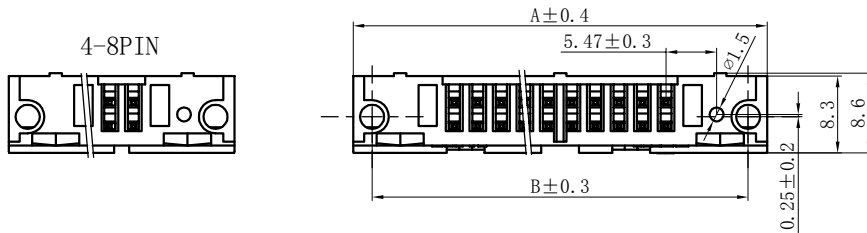
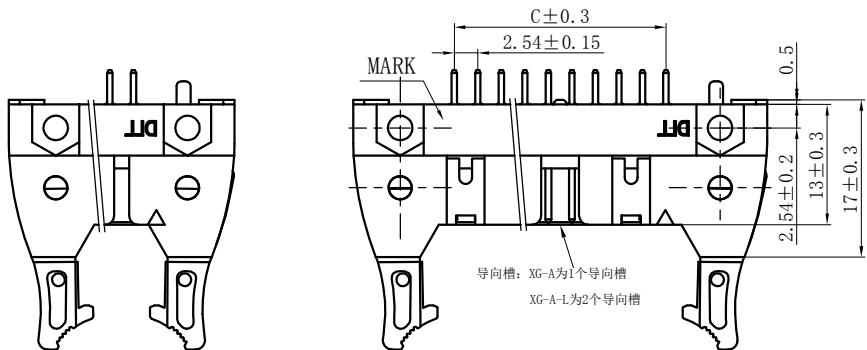
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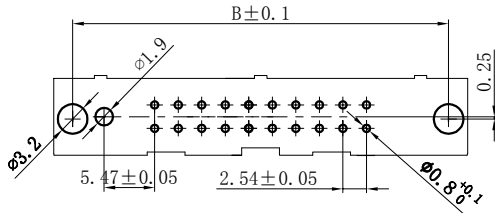
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NORES:

1. Rated voltage: 250V AC
2. Rated current: 3A AC DC
3. Contact resistance: $\leq 20 \text{ m}\Omega$
4. Insulation resistance: $\geq 1000 \text{ m}\Omega$
5. Withstand voltage: 500V AC/minute
6. Ambient temprature: $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$
7. Materials: PBT UL94V-0

Pin Material : Brass / Gold-Plated.
Half the gold plated 3μ



PCB LAYOUT

Circuits	Product Name	Guide groove	Dimension mm			Circuits	Product Name	Guide groove	Dimension mm		
			A	B	C				A	B	C
2x2	XG-4AS-GOLD	1	24.38	20.28	2.54	2x15	XG-30AS-GOLD	1	57.40	53.30	35.56
2x3	XG-6AS-GOLD	1	26.92	22.82	5.08	2x17	XG-34AS-GOLD	1	62.50	58.40	40.64
2x4	XG-8AS-GOLD	1	29.46	25.36	7.62	2x20	XG-40AS-GOLD	1	70.10	66.00	48.26
2x5	XG-10AS-GOLD	1	32.00	27.90	10.16	2x25	XG-50AS-GOLD	1	82.80	78.70	60.96
2x7	XG-14AS-GOLD	1	37.10	33.00	15.24	2x25	XG-50AS-GOLD-L	2	82.80	78.70	60.96
2x8	XG-16AS-GOLD	1	39.60	35.60	17.78	2x30	XG-60AS-GOLD	1	95.50	91.40	73.66
2x10	XG-20AS-GOLD	1	44.70	40.60	22.86	2x30	XG-60AS-GOLD-L	2	95.50	91.40	73.66
2x12	XG-24AS-GOLD	1	49.70	45.70	27.94	2x32	XG-64AS-GOLD	1	100.60	96.50	78.74
2x13	XG-26AS-GOLD	1	52.30	48.30	30.48	2x32	XG-64AS-GOLD-L	2	100.60	96.50	78.74

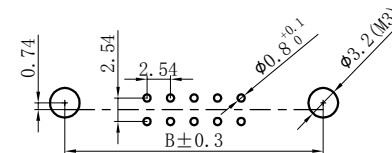
GENERAL TOLERANCES (UNLESS SPECIFIED)		ZHE JIANG DELI CONNECTORS CO., LTD			
.X: ± 0.25	X°: $\pm 3.0^{\circ}$	PRODUCT NAME:		TITLE:	
.XX: ± 0.15	.X°: $\pm 2.0^{\circ}$	DL25413(XG)-AS-GOLD		2.54 mm Pitch Wire To Board Wafer	
.XXX: ± 0.01	.XX°: $\pm 1.0^{\circ}$	DR: Chen Quan Long	DATE: 21/08/01	PART NO:	
FINISH:		CHKD: Wu Hui	DATE: 21/08/01	SCALE: N/A PAGE: 1/1	
DRAWING NO:		APPD: Ren An De	DATE: 21/08/01	UNITS: mm	REV.: A

7		8	
REV.	REVISION DESCRIPTION	DATE	APPD

NORES:

1. Rated voltage: 250V AC
2. Rated current: 3A AC DC
3. Contact resistance: $\leq 20 \text{ m}\Omega$
4. Insulation resistance: $\geq 1000 \text{ m}\Omega$
5. Withstand voltage: 500V AC/minute
6. Ambient temperature: $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$
7. Materials: PBT UL94V-0

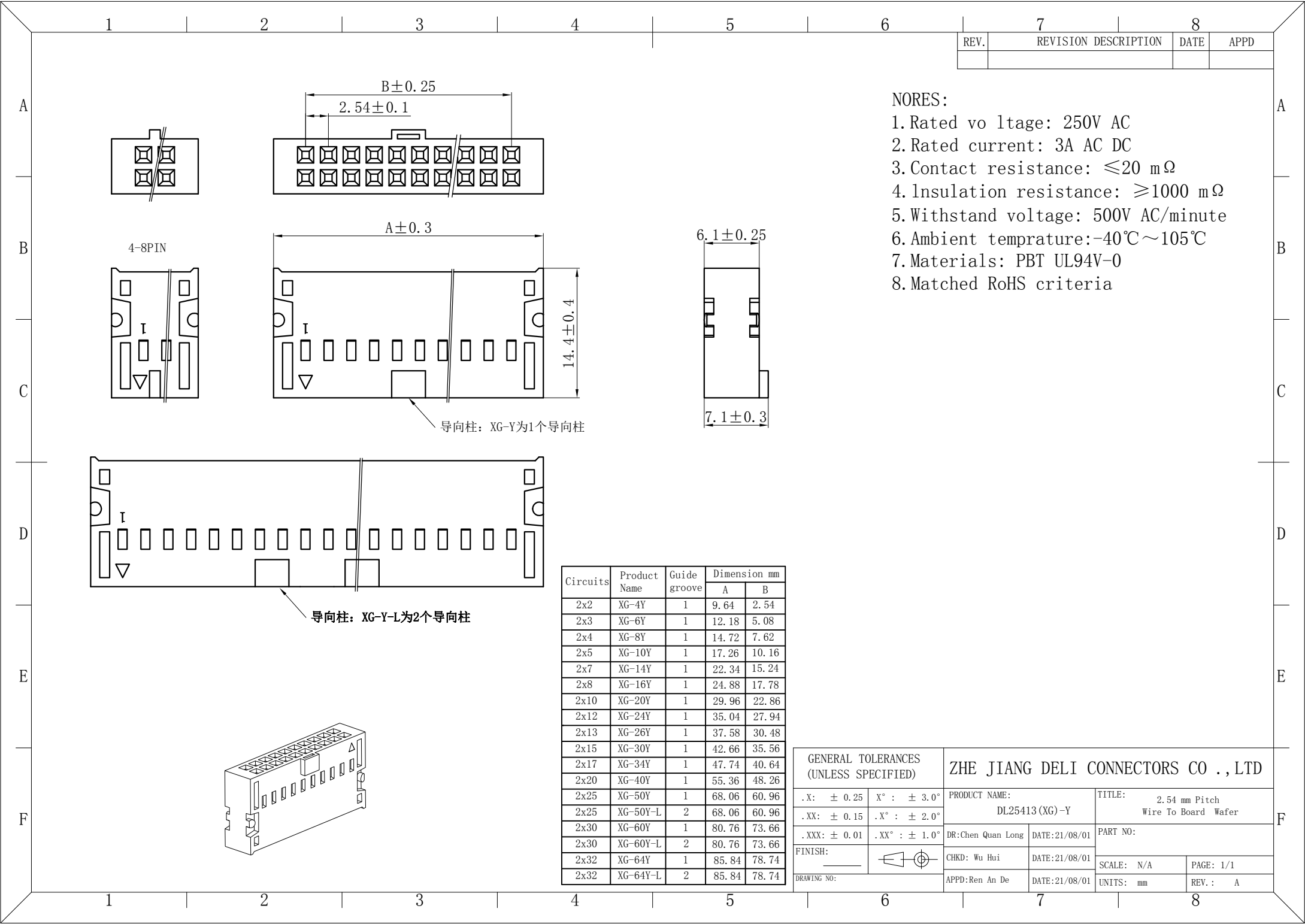
Pin Material : Brass / Gold-Plated.
Half the gold plated 3u"



PCB LAYOUT

Circuits	Product Name	Guide groove	Dimension mm			Circuits	Product Name	Guide groove	Dimension mm		
			A	B	C				A	B	C
2x2	XG-4AW-GOLD	1	24.38	20.28	2.54	2x15	XG-30AW-GOLD	1	57.40	53.30	35.56
2x3	XG-6AW-GOLD	1	26.92	22.82	5.08	2x17	XG-34AW-GOLD	1	62.50	58.40	40.64
2x4	XG-8AW-GOLD	1	29.46	25.36	7.62	2x20	XG-40AW-GOLD	1	70.10	66.00	48.26
2x5	XG-10AW-GOLD	1	32.00	27.90	10.16	2x25	XG-50AW-GOLD	1	82.80	78.70	60.96
2x7	XG-14AW-GOLD	1	37.10	33.00	15.24	2x25	XG-50AW-GOLD-L	2	82.80	78.70	60.96
2x8	XG-16AW-GOLD	1	39.60	35.60	17.78	2x30	XG-60AW-GOLD	1	95.50	91.40	73.66
2x10	XG-20AW-GOLD	1	44.70	40.60	22.86	2x30	XG-60AW-GOLD-L	2	95.50	91.40	73.66
2x12	XG-24AW-GOLD	1	49.70	45.70	27.94	2x32	XG-64AW-GOLD	1	100.60	96.50	78.74
2x13	XG-26AW-GOLD	1	52.30	48.30	30.48	2x32	XG-64AW-GOLD-L	2	100.60	96.50	78.74

GENERAL TOLERANCES (UNLESS SPECIFIED)		ZHE JIANG DELI CONNECTORS CO., LTD	
.X: ± 0.25	.X°: $\pm 3.0^{\circ}$	PRODUCT NAME: DL25413 (XG)-AW-GOLD	TITLE: 2.54 mm Pitch Wire To Board Wafer
.XX: ± 0.15	.X°: $\pm 2.0^{\circ}$	DR: Chen Quan Long	DATE: 21/08/01
.XXX: ± 0.01	.XX°: $\pm 1.0^{\circ}$	DATE: 21/08/01	PART NO:
FINISH:		CHKD: Wu Hui	SCALE: N/A
DRAWING NO:		DATE: 21/08/01	PAGE: 1/1
		APPD: Ren An De	UNITS: mm
			REV.: A



REV.	REVISION DESCRIPTION	DATE	APPD

- NORES:
- 1.Rated voltage: 250V AC
 - 2.Rated current: 3A AC DC
 - 3.Contact resistance: ≤20 mΩ
 - 4.Insulation resistance: ≥1000 mΩ
 - 5.Withstand voltage: 500V AC/minute
 - 6.Ambient temperature:-40℃~105℃
 - 7.Materials: PBT UL94V-0
 - 8.Matched RoHS criteria

Circuits	Product Name	Guide groove	Dimension mm	
			A	B
2x2	XG-4Y	1	9.64	2.54
2x3	XG-6Y	1	12.18	5.08
2x4	XG-8Y	1	14.72	7.62
2x5	XG-10Y	1	17.26	10.16
2x7	XG-14Y	1	22.34	15.24
2x8	XG-16Y	1	24.88	17.78
2x10	XG-20Y	1	29.96	22.86
2x12	XG-24Y	1	35.04	27.94
2x13	XG-26Y	1	37.58	30.48
2x15	XG-30Y	1	42.66	35.56
2x17	XG-34Y	1	47.74	40.64
2x20	XG-40Y	1	55.36	48.26
2x25	XG-50Y	1	68.06	60.96
2x25	XG-50Y-L	2	68.06	60.96
2x30	XG-60Y	1	80.76	73.66
2x30	XG-60Y-L	2	80.76	73.66
2x32	XG-64Y	1	85.84	78.74
2x32	XG-64Y-L	2	85.84	78.74

GENERAL TOLERANCES (UNLESS SPECIFIED)		ZHE JIANG DELI CONNECTORS CO.,LTD			
.X: ± 0.25	X° : ± 3.0°	PRODUCT NAME: DL25413 (XG)-Y		TITLE: 2.54 mm Pitch Wire To Board Wafer	
.XX: ± 0.15	.X° : ± 2.0°	DR:Chen Quan Long	DATE:21/08/01	PART NO:	
.XXX: ± 0.01	.XX° : ± 1.0°			SCALE: N/A	
FINISH:		CHKD: Wu Hui	DATE:21/08/01	PAGE: 1/1	
DRAWING NO:		APPD:Ren An De	DATE:21/08/01	UNITS: mm	REV.: A

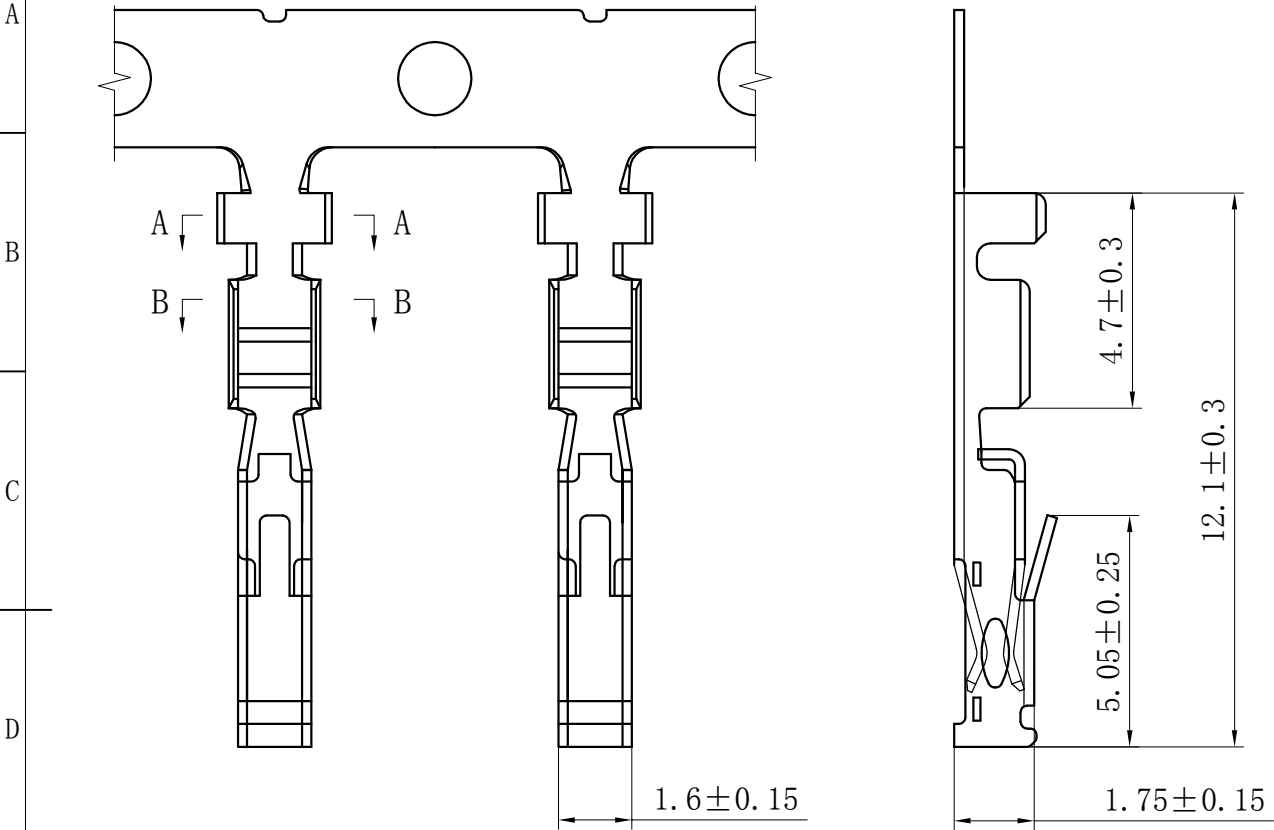
REV.	REVISION DESCRIPTION	DATE	APPD

NOTES

Used in DL25413-Y Series Housing.
Accepts AWG #28~22 Wire Range.
Insulation O.D.=0.8~1.9 mm.
Material : Phosphor Bronze .
Finish: Tin plating
Thickness: 0.22 mm.

Product name	Dimension mm				Applicable wires AWG#
	A1	B1	A2	B2	
XG-T	2.5	2.0	1.9	1.7	26-22
XG-T-D	1.5	1.7	1.2	1.2	28-26

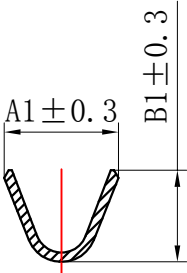
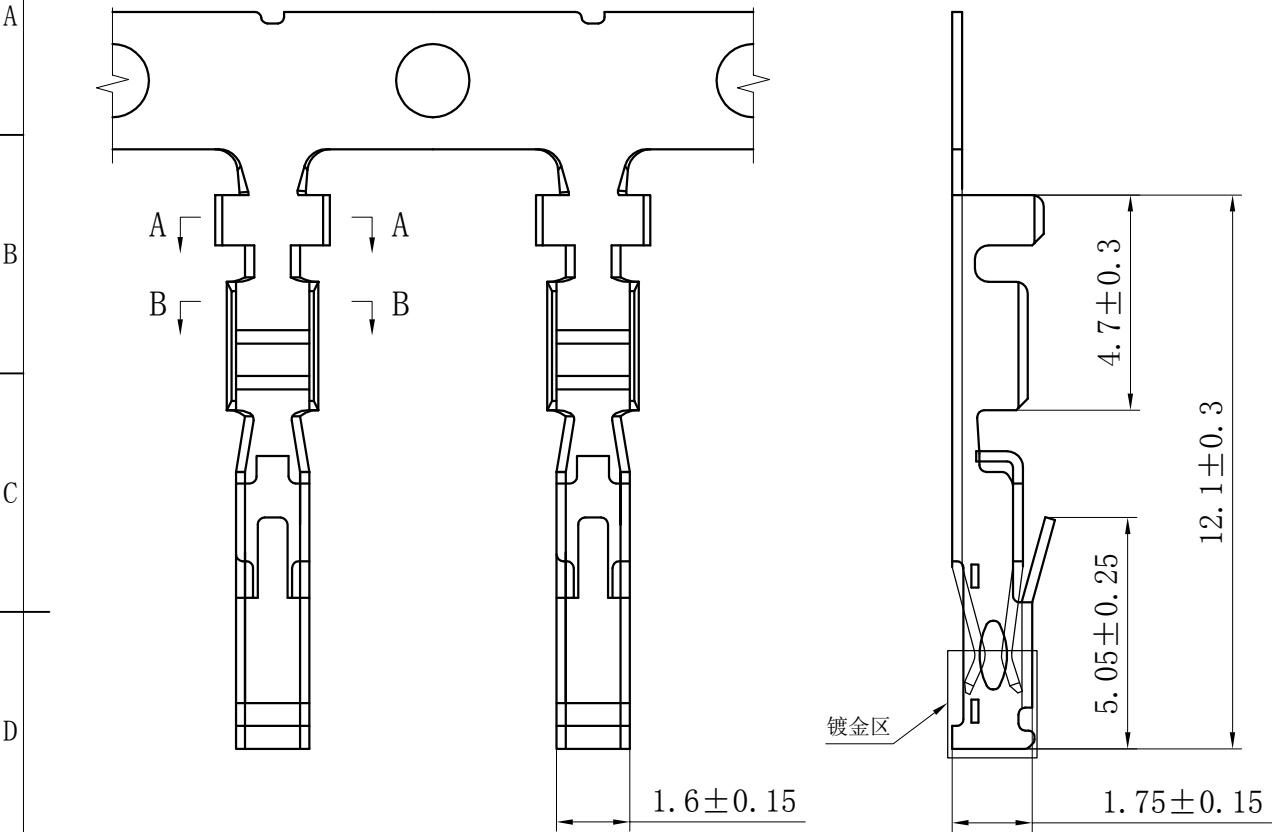
GENERAL TOLERANCES (UNLESS SPECIFIED)		ZHE JIANG DELI CONNECTORS CO.,LTD			
.X: ± 0.25	X° : ± 3.0°	PRODUCT NAME: DL25413 (XG)-T		TITLE: 2.54 mm Pitch Crimp Terminal	
.XX: ± 0.15	.X° : ± 2.0°	DR:Chen Quan Long		DATE:19/08/01	
.XXX: ± 0.01	.XX° : ± 1.0°	CHKD: Wu Hui		DATE:19/08/01	
FINISH:		APPD:Ren An De		DATE:19/08/01	
DRAWING NO:		SCALE: N/A		PAGE: 1/1	REV.: A



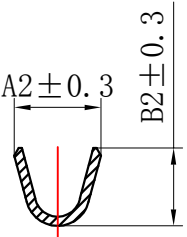
REV.	7	8	
REVISION DESCRIPTION	DATE	APPD	

NOTES

Used in DL25413-Y Series Housing.
Accepts AWG #28~22 Wire Range.
Insulation O.D.=0.8~1.9 mm.
Material : Phosphor Bronze .
Finish: Cold plated.Half the gold
plated 2 u"
Thickness: 0.22 mm.



SECTION A-A



SECTION B-B

Product name	Dimension mm				Applicable wires AWG#
	A1	B1	A2	B2	
XG-T-GOLD	2.5	2.0	1.9	1.7	26-22
XG-T-D-GOLD	1.5	1.7	1.2	1.2	28-26

GENERAL TOLERANCES (UNLESS SPECIFIED)		ZHE JIANG DELI CONNECTORS CO., LTD	
.X: ± 0.25	X°: $\pm 3.0^\circ$	PRODUCT NAME: DL25413 (XG)-T-GOLD	TITLE: 2.54 mm Pitch Crimp Terminal
.XX: ± 0.15	.X°: $\pm 2.0^\circ$	DR:Chen Quan Long	DATE:19/08/01
.XXX: ± 0.01	.XX°: $\pm 1.0^\circ$	CHKD: Wu Hui	DATE:19/08/01
FINISH:		APPD:Ren An De	DATE:19/08/01
DRAWING NO:			