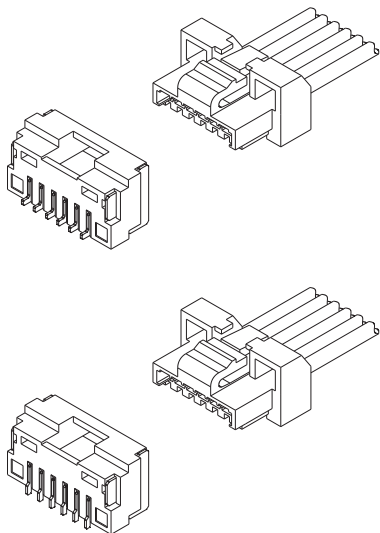




技术特性/Specifications:

额定电压 Rated voltage: 50V AC, DC
额定电流 Rated current: 1A AC, DC
接触电阻 Contact resistance: 20m Ω max
绝缘电阻 Insulation resistance: 100M Ω min
耐压 Withstand voltage: 250V AC/minute
环境温度 Ambient temperature: -25 $^{\circ}$ C~+85 $^{\circ}$ C
适用线规 Wire range: AWG#28~#26

A

B

C

D

E

F

A

B

C

D

E

F

1

2

3

4

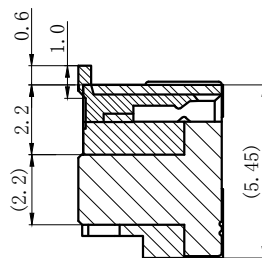
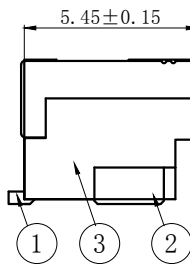
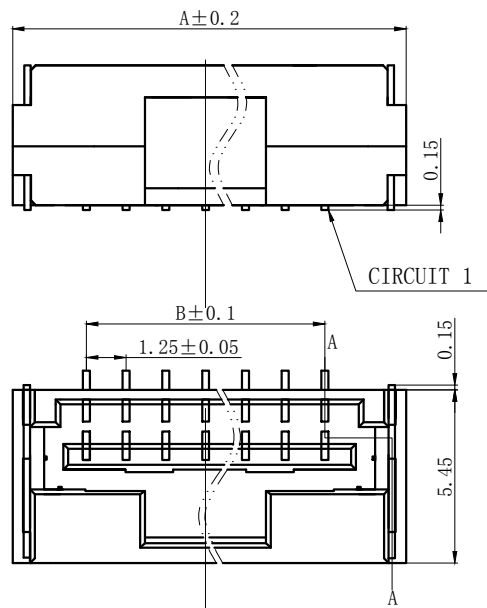
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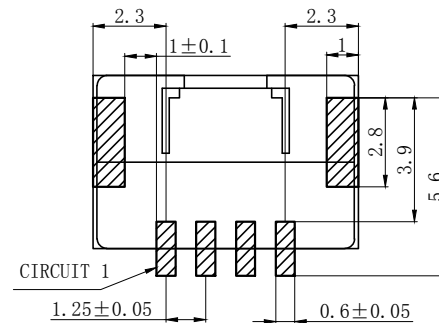
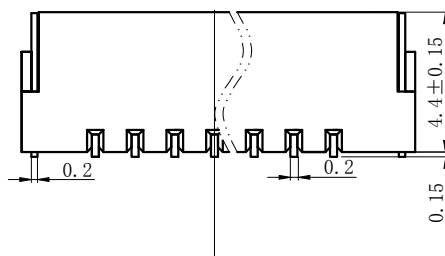
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8

REV.	REVISION DESCRIPTION	DATE	APPD



SECTION A-A



PCB LAYOUT

NOTES

Available in 02 through 20 Circuits.

Material : LCP UL94V-0.

Finish: TIN Bronze ,Tin plated.
Brass, Tin piated.

Mates with DL12504-Y Series Housing.

ORDERING INFORMATION

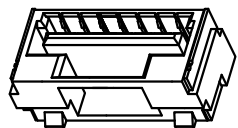
DL12504 - XX B - X XX - X X - X - XX
1 2 3 4 5 6 7 8 9

- PART NO.
- .NO. OF CIRCUIT
- CONN. TYPE
- MATERIAL: 0:PA66 V0 1:PA66 V1 2:PA66 V2 3:PA66 V0 750 °C
4:LCP 5:PBT 6:PA9T 7:9A6T 8:GF PA66
- COLOR: NA:NATURE RE:RED BR:BROWN
GY:GREY BK:BLACK YE:YELLOW
BL:BLUE GR:GREEN PU:PURPLE PI:PINK
OR:ORANGE TR:TRANSPARENT OT:OTHER
- CONTACT MATERIAL: P:PHOSPHOR BRONZE B:BRASS
- FINISH: T:TIN MT:MATT TIN BG/QG:GOLD S:SILVER
- STYLE: Z:WITHOUT K K:WITH K
- SERIAL NUMBER: 00.01.02.

3	③	基座	LCP	1	UL94V-0
2	②	焊片	黄铜	2	镀锡
1	①	接触件	磷青铜	N*	镀锡
序号	图号	名称	材料	数量	附件

Circuits	Type	Dimension mm		Circuits	Type	Dimension mm	
		A	B			A	B
2	502380-2AB	5.85	1.25	6	502380-6AB	10.85	6.25
3	502380-3AB	7.10	2.50	7	502380-7AB	12.10	7.50
4	502380-4AB	8.35	3.75				
5	502380-5AB	9.60	5.00				

GENERAL TOLERANCES (UNLESS SPECIFIED)		ZHE JIANG DELI CONNECTORS CO ., LTD			
.X: ± 0.25	X° : ± 3.0°	PRODUCT NAME: DL12504-AB(502380-AB)		TITLE: 1.25 mm Pitch Wire To Board Housing	
.XX: ± 0.15	.X° : ± 2.0°	DR: Yuan Jun Rong		PART NO: DL12504-XXB-XXX-XX-X-XX	
.XXX: ± 0.01	.XX° : ± 1.0°	DATE:21.10.12		DATE:21.10.12	
FINISH:		CHKD: Wu Hui		SCALE: N/A	
DRAWING NO:	GC-DL12504-XXB-XXX-XX-X-XX	DATE:21.10.12		PAGE: 1/1	
		APPD:Ren An De		UNITS: mm	
				REV. : A	



1

2

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4

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6

7

8

A

B

C

D

E

F

A

B

C

D

E

F

REV.	REVISION DESCRIPTION	DATE	APPD

NOTES

Available in 02 through 20 Circuits.

Material : LCP UL94V-0.

Finish: TIN Bronze,Tin plated.
Brass, Tin piated.

Mates with DL12504-Y Series Housing.

ORDERING INFORMATION

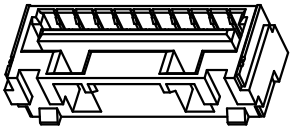
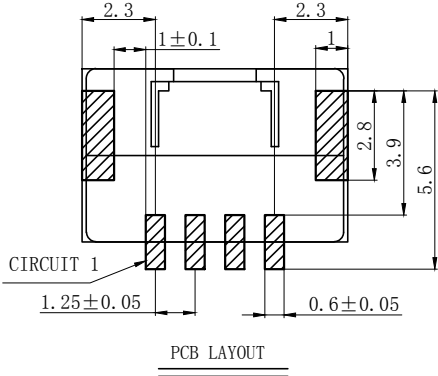
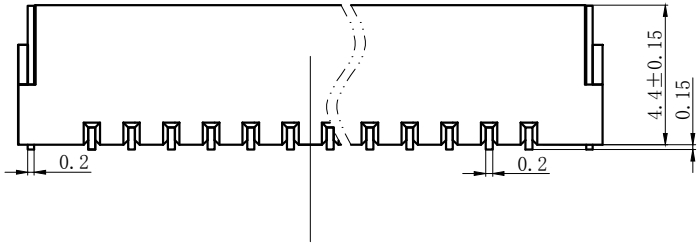
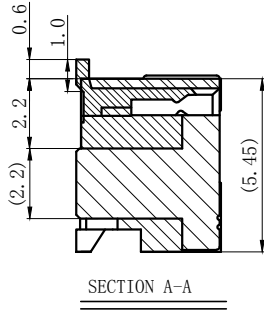
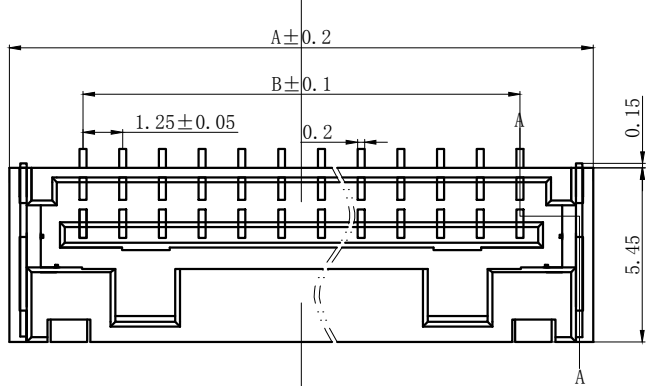
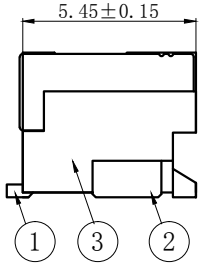
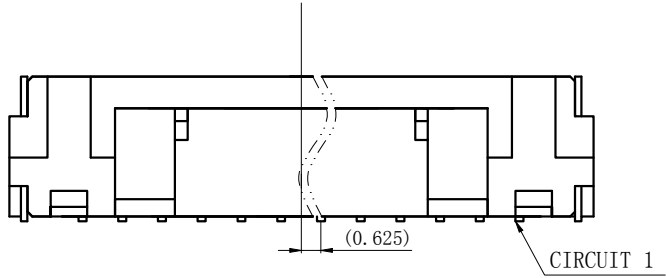
DL12504 - XX B - X XX - X X - X - XX
1 2 3 4 5 6 7 8 9

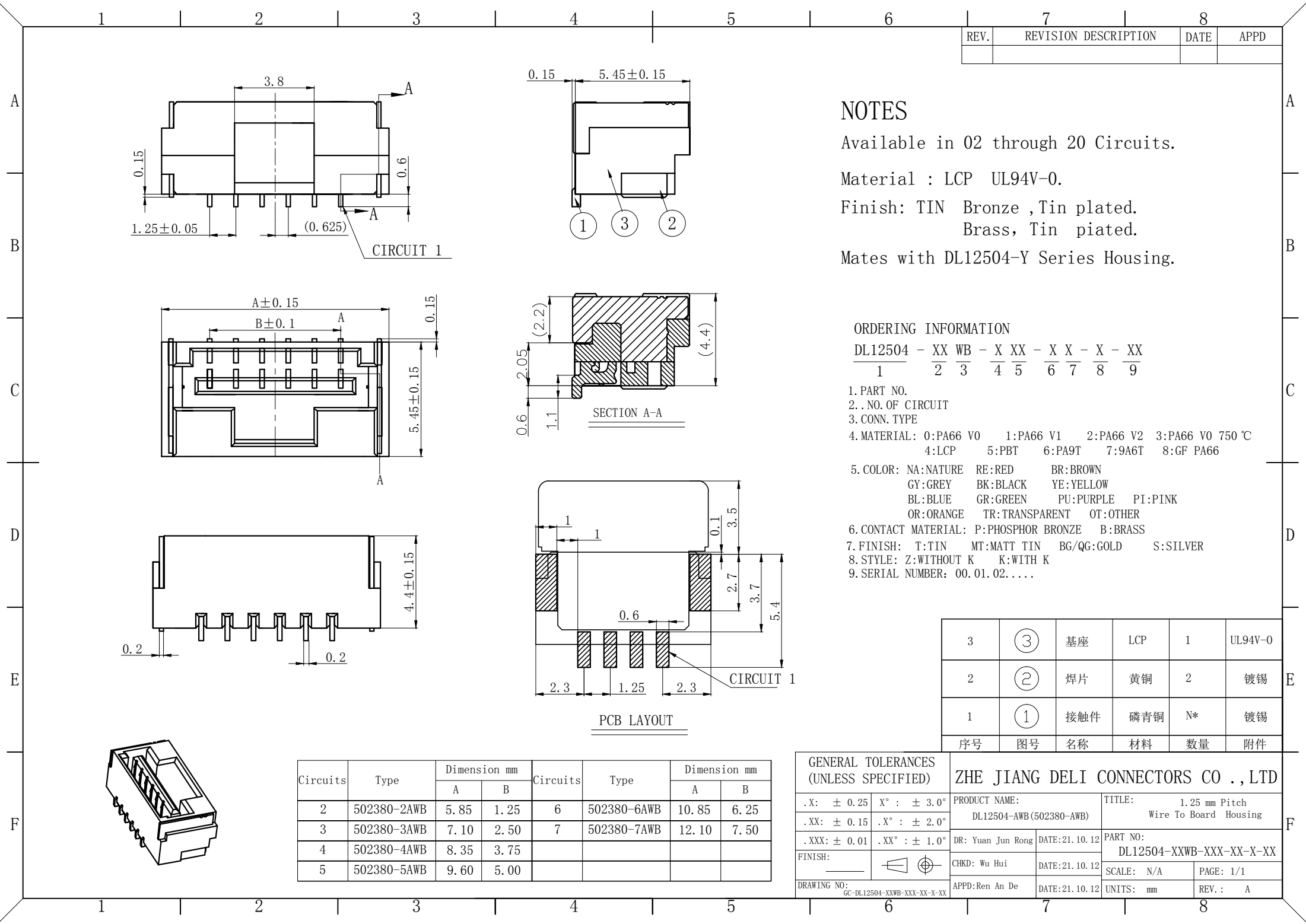
1. PART NO.
2. . NO. OF CIRCUIT
3. CONN. TYPE
4. MATERIAL: 0:PA66 V0 1:PA66 V1 2:PA66 V2 3:PA66 V0 750 °C
4:LCP 5:PBT 6:PA9T 7:9A6T 8:GF PA66
5. COLOR: NA:NATURE RE:RED BR:BROWN
GY:GREY BK:BLACK YE:YELLOW
BL:BLUE GR:GREEN PU:PURPLE PI:PINK
OR:ORANGE TR:TRANSPARENT OT:OTHER
6. CONTACT MATERIAL: P:PHOSPHOR BRONZE B:BRASS
7. FINISH: T:TIN MT:MATT TIN BG/QG:GOLD S:SILVER
8. STYLE: Z:WITHOUT K K:WITH K
9. SERIAL NUMBER: 00.01.02.....

3	③	基座	LCP	1	UL94V-0
2	②	焊片	黄铜	2	镀锡
1	①	接触件	磷青铜	N*	镀锡
序号	图号	名称	材料	数量	附件

Circuits	Type	Dimension mm		Circuits	Type	Dimension mm	
		A	B			A	B
8	502380-8AB	13.35	8.75	12	502380-12AB	18.35	13.75
9	502380-9AB	14.60	10.00	13	502380-13AB	19.60	15.00
10	502380-10AB	15.85	11.25	~	~	~	~
11	502380-11AB	17.10	12.50	20	502380-20AB	28.35	23.75

GENERAL TOLERANCES (UNLESS SPECIFIED)				ZHE JIANG DELI CONNECTORS CO ., LTD			
.X: ± 0.25	X° : ± 3.0°	PRODUCT NAME: DL12504-AB (502380-AB)		TITLE: 1.25 mm Pitch Wire To Board Housing			
.XX: ± 0.15	.X° : ± 2.0°	DR: Yuan Jun Rong		DATE:21.10.12		PART NO: DL12504-XXB-XXX-XX-X-XX	
.XXX: ± 0.01	.XX° : ± 1.0°	CHKD: Wu Hui		DATE:21.10.12		SCALE: N/A	
FINISH:		APPD:Ren An De		DATE:21.10.12		PAGE: 1/1	
DRAWING NO: GC-DL12504-XXB-XXX-XX-X-XX						UNITS: mm	
						REV. : A	





REV.	REVISION DESCRIPTION	DATE	APPD

NOTES

Available in 02 through 20 Circuits.

Material : LCP UL94V-0.

Finish: TIN Bronze ,Tin plated.
Brass, Tin piated.

Mates with DL12504-Y Series Housing.

ORDERING INFORMATION

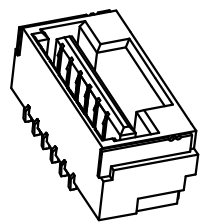
DL12504 - XX WB - X XX - X X - X - XX

1 2 3 4 5 6 7 8 9

- 1. PART NO.
- 2..NO. OF CIRCUIT
- 3. CONN. TYPE
- 4. MATERIAL: 0:PA66 V0 1:PA66 V1 2:PA66 V2 3:PA66 V0 750 °C
4:LCP 5:PBT 6:PA9T 7:9A6T 8:GF PA66
- 5. COLOR: NA:NATURE RE:RED BR:BROWN
GY:GREY BK:BLACK YE:YELLOW
BL:BLUE GR:GREEN PU:PURPLE PI:PINK
OR:ORANGE TR:TRANSPARENT OT:OTHER
- 6. CONTACT MATERIAL: P:PHOSPHOR BRONZE B:BRASS
- 7. FINISH: T:TIN MT:MATT TIN BG/QG:GOLD S:SILVER
- 8. STYLE: Z:WITHOUT K K:WITH K
- 9. SERIAL NUMBER: 00.01.02.....

3	③	基座	LCP	1	UL94V-0
2	②	焊片	黄铜	2	镀锡
1	①	接触件	磷青铜	N*	镀锡
序号	图号	名称	材料	数量	附件

GENERAL TOLERANCES (UNLESS SPECIFIED)		ZHE JIANG DELI CONNECTORS CO ., LTD			
.X: ± 0.25	X° : ± 3.0°	PRODUCT NAME: DL12504-AWB(502380-AWB)		TITLE: 1.25 mm Pitch Wire To Board Housing	
.XX: ± 0.15	.X° : ± 2.0°	DR: Yuan Jun Rong		PART NO: DL12504-XXWB-XXX-XX-X-XX	
.XXX: ± 0.01	.XX° : ± 1.0°	CHKD: Wu Hui		SCALE: N/A	
FINISH: _____		DATE:21.10.12		PAGE: 1/1	
DRAWING NO: GC-DL12504-XXWB-XXX-XX-X-XX		APPD:Ren An De		UNITS: mm	
		DATE:21.10.12		REV. : A	



A

B

C

D

E

F

A

B

C

D

E

F

REV.	REVISION DESCRIPTION	DATE	APPD

NOTES

Available in 02 through 20 Circuits.

Material : LCP UL94V-0.

Finish: TIN Bronze ,Tin plated.
Brass, Tin plated.

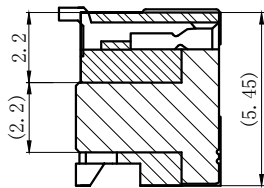
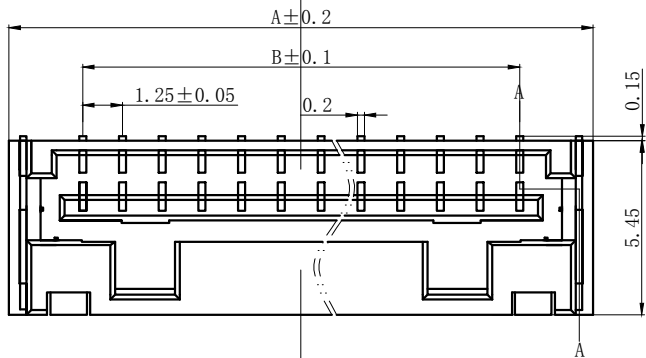
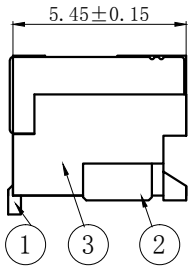
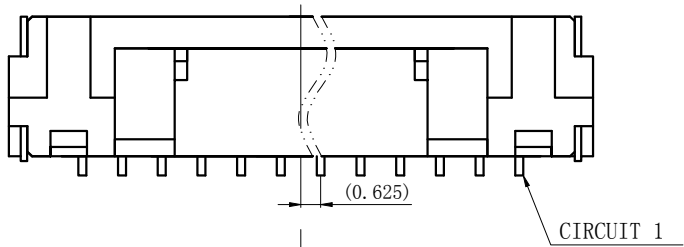
Mates with DL12504-Y Series Housing.

ORDERING INFORMATION

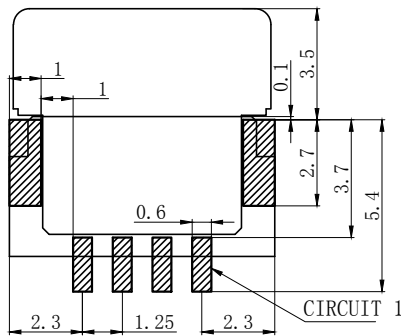
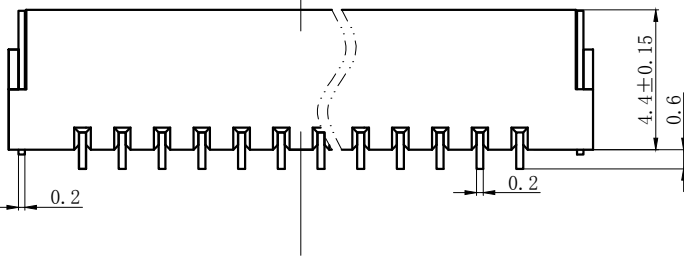
DL12504 - XX WB - X XX - X X - X - XX
1 2 3 4 5 6 7 8 9

1. PART NO.
2. NO. OF CIRCUIT
3. CONN. TYPE
4. MATERIAL: 0:PA66 V0 1:PA66 V1 2:PA66 V2 3:PA66 V0 750 °C
4:LCP 5:PBT 6:PA9T 7:9A6T 8:GF PA66
5. COLOR: NA:NATURE RE:RED BR:BROWN
GY:GREY BK:BLACK YE:YELLOW
BL:BLUE GR:GREEN PU:PURPLE PI:PINK
OR:ORANGE TR:TRANSPARENT OT:OTHER
6. CONTACT MATERIAL: P:PHOSPHOR BRONZE B:BRASS
7. FINISH: T:TIN MT:MATT TIN BG/QG:GOLD S:SILVER
8. STYLE: Z:WITHOUT K K:WITH K
9. SERIAL NUMBER: 00.01.02.....

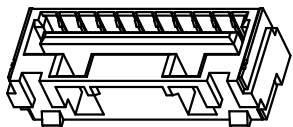
3	③	基座	LCP	1	UL94V-0
2	②	焊片	黄铜	2	镀锡
1	①	接触件	磷青铜	N*	镀锡
序号	图号	名称	材料	数量	附件



SECTION A-A



PCB LAYOUT



Circuits	Type	Dimension mm		Circuits	Type	Dimension mm	
		A	B			A	B
8	502380-8AWB	13.35	8.75	12	502380-12AWB	18.35	13.75
9	502380-9AWB	14.60	10.00	13	502380-13AWB	19.60	15.00
10	502380-10AWB	15.85	11.25	~	~	~	~
11	502380-11AWB	17.10	12.50	20	502380-20AWB	28.35	23.75

GENERAL TOLERANCES (UNLESS SPECIFIED)		ZHE JIANG DELI CONNECTORS CO .,LTD			
.X: ± 0.25	X° : ± 3.0°	PRODUCT NAME: DL12504-AWB(502380-AWB)		TITLE: 1.25 mm Pitch Wire To Board Housing	
.XX: ± 0.15	.X° : ± 2.0°	DR: Yuan Jun Rong	DATE:21.10.12	PART NO: DL12504-XXWB-XXX-XX-X-XX	
.XXX: ± 0.01	.XX° : ± 1.0°				
FINISH: _____		CHKD: Wu Hui	DATE:21.10.12	SCALE: N/A	PAGE: 1/1
DRAWING NO: GC-DL12504-XXWB-XXX-XX-X-XX		APPD:Ren An De	DATE:21.10.12	UNITS: mm	REV. : A

REV.	REVISION DESCRIPTION	DATE	APPD
C	材料变更	2022. 4	技术部

NOTES

Available in 02 through 15 Circuits.

Material : PBT UL94V-0

Accepts DL12504-T Crimp Terminal.

ORDERING INFORMATION

DL12504 - XX Y - X XX - XX
1 2 3 4 5 6

1. PART NO.

2..NO.OF CIRCUIT

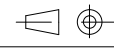
3. CONN. TYPE

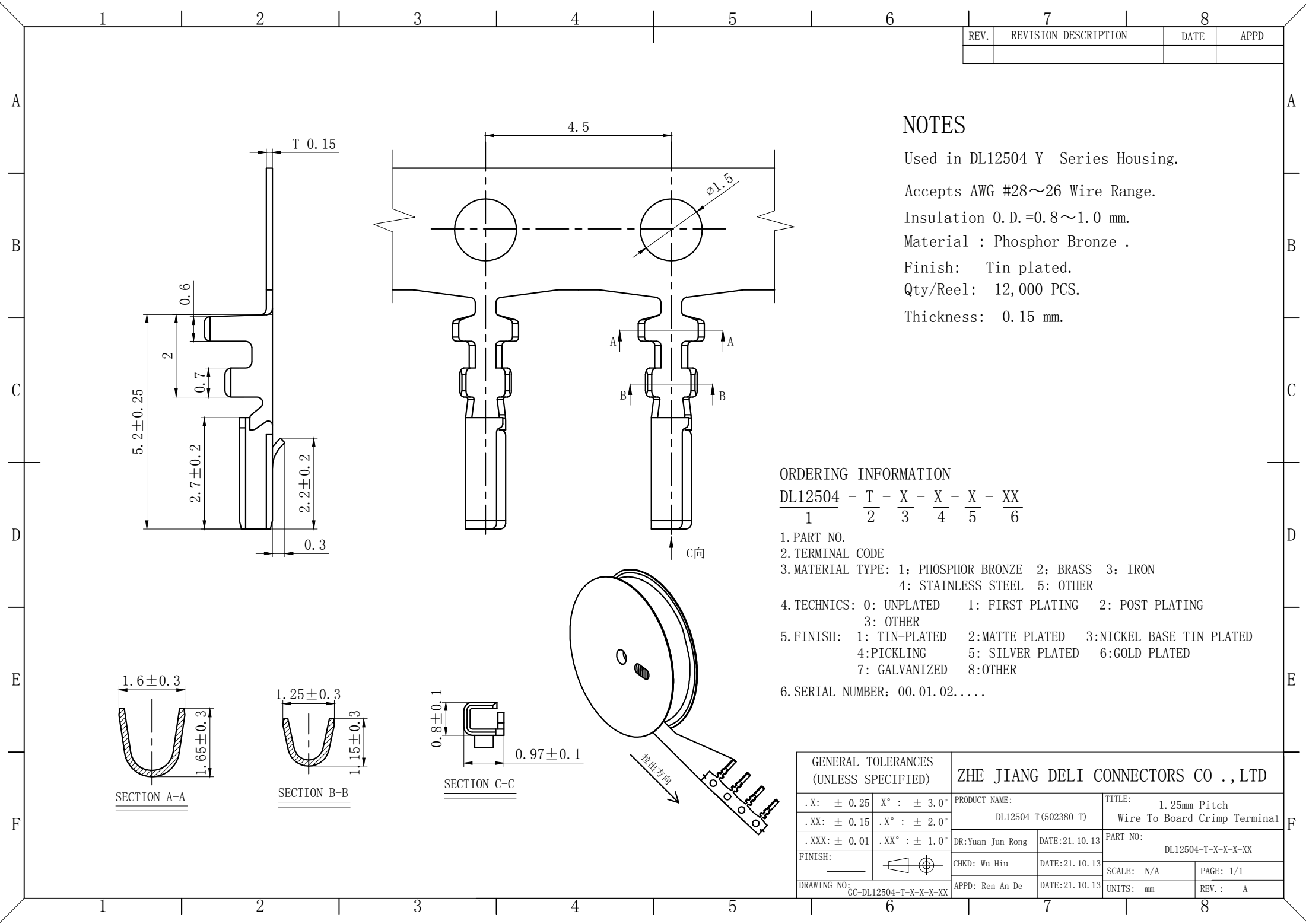
4. MATERIAL: 0: PA66 V0 1: PA66 V1 2: PA66 V2
3: PA66 V0 750℃ 4: LCP 5: PBT
6:PA9T 7:PA6T 8:PA66 GF

5. COLOR: NA:NATURE RE:RED BR:BROWN
GY:GREY BK:BLACK YE:YELLOW
BL:BLUE GR:GREEN PU:PURPLE PI:PINK
OR:ORANGE TR:TRANSPARENT OT:OTHER

6. SERIAL NUMBER: 00.01.02.....

Circ uits	Type	Dimension mm		Circ uits	Type	Dimension mm	
		A	B			A	B
2	502380-2Y	1.25	5.60	10	502380-10Y	11.25	15.60
3	502380-3Y	2.50	6.85	11	502380-11Y	12.50	16.85
4	502380-4Y	3.75	8.10	12	502380-12Y	13.75	18.10
5	502380-5Y	5.00	9.35	13	502380-13Y	15.00	19.35
6	502380-6Y	6.25	10.60	14	502380-14Y	16.25	20.60
7	502380-7Y	7.50	11.85	15	502380-15Y	17.50	21.85
8	502380-8Y	8.75	13.10	~	~	~	~
9	502380-9Y	10.00	14.35	20	502380-20Y	23.75	28.10

GENERAL TOLERANCES (UNLESS SPECIFIED)		ZHE JIANG DELI CONNECTORS CO.,LTD			
.X: ± 0.25	X°: ± 3.0°	PRODUCT NAME: DL12504-Y(502380-Y)		TITLE: 1.25 mm Pitch Housing	
.XX: ± 0.15	.X°: ± 2.0°	DR: Yuan Jun Rong	DATE:21/08/01	PART NO: DL12504-XXY-XXX-XX	
.XXX: ± 0.01	.XX°: ± 1.0°			SCALE: N/A	PAGE: 1/1
FINISH: —		CHKD:Wu Hui	DATE:21/08/01	UNITS: mm	
DRAWING NO: GC-DL12504-XXY-XXX-XX		APPD:Ren An De	DATE:21/08/01	REV.: C	



REV.	REVISION DESCRIPTION	DATE	APPD

NOTES

Used in DL12504-Y Series Housing.

Accepts AWG #28~26 Wire Range.

Insulation O.D.=0.8~1.0 mm.

Material : Phosphor Bronze .

Finish: Tin plated.

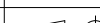
Qty/Reel: 12,000 PCS.

Thickness: 0.15 mm.

ORDERING INFORMATION

DL12504 - $\frac{T}{1}$ - $\frac{X}{2}$ - $\frac{X}{3}$ - $\frac{X}{4}$ - $\frac{XX}{5}$ - $\frac{XX}{6}$

1. PART NO.
2. TERMINAL CODE
3. MATERIAL TYPE: 1: PHOSPHOR BRONZE 2: BRASS 3: IRON
4: STAINLESS STEEL 5: OTHER
4. TECHNICS: 0: UNPLATED 1: FIRST PLATING 2: POST PLATING
3: OTHER
5. FINISH: 1: TIN-PLATED 2: MATTE PLATED 3: NICKEL BASE TIN PLATED
4: PICKLING 5: SILVER PLATED 6: GOLD PLATED
7: GALVANIZED 8: OTHER
6. SERIAL NUMBER: 00.01.02.....

GENERAL TOLERANCES (UNLESS SPECIFIED)		ZHE JIANG DELI CONNECTORS CO .,LTD			
.X: ± 0.25	X° : ± 3.0°	PRODUCT NAME: DL12504-T (502380-T)		TITLE: 1.25mm Pitch Wire To Board Crimp Terminal	
.XX: ± 0.15	.X° : ± 2.0°	DR:Yuan Jun Rong	DATE:21.10.13	PART NO: DL12504-T-X-X-X-XX	
.XXX: ± 0.01	.XX° : ± 1.0°		CHKD: Wu Hui	DATE:21.10.13	SCALE: N/A
FINISH: _____		APPD: Ren An De	DATE:21.10.13	UNITS: mm	
DRAWING NO: GC-DL12504-T-X-X-X-XX			UNITS: mm	REV. : A	