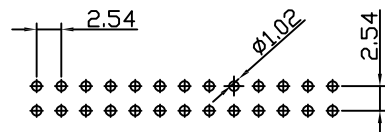
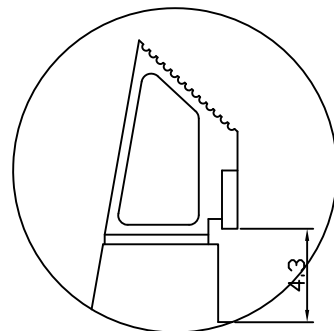


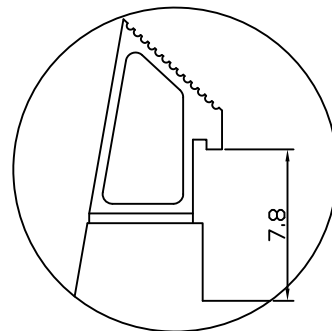
RoHS



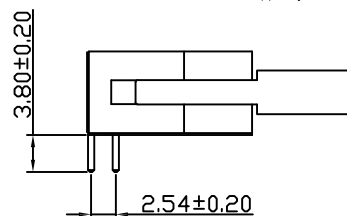
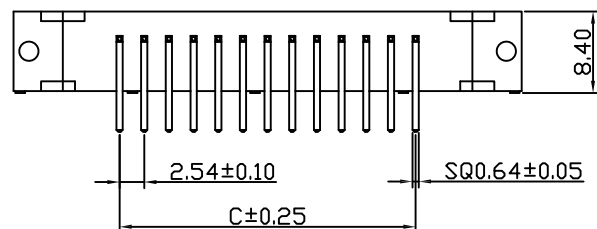
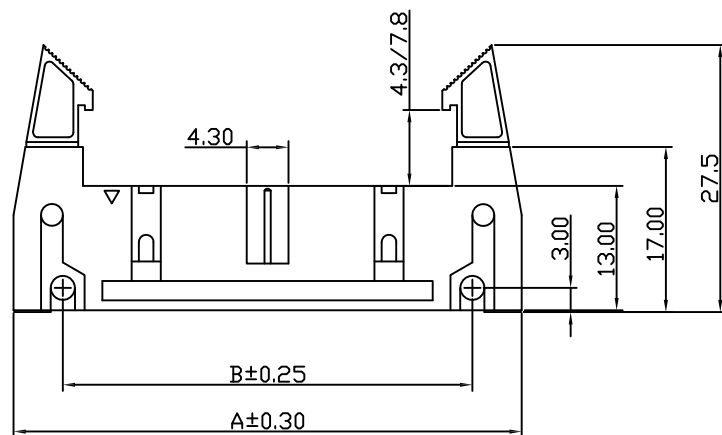
PCB LAYOUT



SHORT LATCH (短勾)



LONG LATCH (长勾)



■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature Range: -25°C ~ +85°C
- Insulation Resistance: 1000MΩ Min.
- Contact Resistance: 20mΩ Max.

Reference Informations:

*Material:

PIN: Brass/Gold-flash

Wafer: PBT,UL94V-0

Color: BK-Black

*Mates with GYA A2546 series Housing

A2546 W R A - 2NP - P0 BK G X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Series No.

② Category: W-wafer

③ Welding Board Angle: V- Straight 180°, R-Vertical 90°

④ Colloid Feature: Blank-Common, A-A type(勾勾牛角) ...

⑤ Soldering Type: Blank-DIP Type, S-SMT Type, I-IDC Type

⑥ Circuit No.: 204-2*2PIN...264-2*32PIN

⑦ Material: 6T-Nylon6T,UL94V-0; P0-PBT,UL94V-0;

⑧ Color: BK-Black, WT-White

⑨ Plating Method: G-Gold-flash, T-Tin-plated,

⑩ Option: Blank-Standard type(长勾单缺口), 1-A type(长勾三缺口),
2-B type(短勾单缺口), 3-C type(短勾三缺口),
4-D type(长勾双缺口), 5-E type(短勾双缺口),

Ordering Information & Dimensions

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
2*2P	24.38	14.22	2.54	2*18P	65.02	54.86	43.18
2*3P	26.92	16.76	5.08	2*19P	67.56	57.40	45.72
2*4P	29.46	19.30	7.62	2*20P	70.10	59.94	48.26
2*5P	32.00	21.84	10.16	2*21P	72.64	62.48	50.80
2*6P	34.54	24.38	12.70	2*22P	75.18	65.02	53.34
2*7P	37.08	26.92	15.24	2*23P	77.72	67.56	55.88
2*8P	39.62	29.46	17.78	2*24P	80.26	70.10	58.42
2*9P	42.16	32.00	20.32	2*25P	82.80	72.64	60.96
2*10P	44.70	34.54	22.86	2*26P	85.34	75.18	63.50
2*11P	47.24	37.08	25.40	2*27P	87.88	77.72	66.04
2*12P	49.78	39.62	27.94	2*28P	90.42	80.26	68.58
2*13P	52.32	42.16	30.48	2*29P	92.96	82.80	71.12
2*14P	54.86	44.70	32.02	2*30P	95.50	85.34	73.66
2*15P	57.40	47.24	35.56	2*31P	98.04	87.88	76.20
2*16P	59.94	49.78	38.10	2*32P	100.58	90.42	78.74
2*17P	62.48	52.32	40.64				

GENERAL TOLERANCE

.X ±0.30

.XX ±0.20

.XXX ±0.10

X° ±2°

PROJECT



东莞市国亚电子有限公司

DONGGUO GUOYAELECTRONICS CO.,LTD

APPROVAL

CHECK

DRAWN

DATE

Yangzhengguo

Yangjinyi

Lvtiansheng

2007/05/03

PART NO.

A2546WRA-2NP-P0BKGX

TITLE

2.54mm Pitch Box Header

UNIT

SCALE

1:1

SHEET

1/1

REV

A0

NUMBER

A-089

DATE

1

REV

2

ECN NO.

DESCRIPTION

3

MODIFY

4

APPROVAL

5

Yangzhengguo

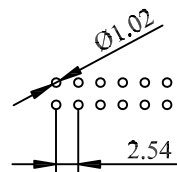
Yangjinyi

Lvtiansheng

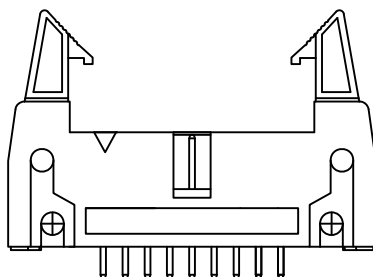
2007/05/03

8

RoHS



PCB LAYOUT



2*3P-2-9P



Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature Range: -25°C~+85°C
- Insulation Resistance: 1000MΩ Min.
- Contact Resistance: 20mΩ Max.

Reference Informations:

*Material:

PIN: Brass/Gold-flash

Wafer: PBT,UL94V-0

Color: BK-Black

*Mates with GYA A2546 series Housing

A2546 W V A - 2NP - P0 BK G X

① ②③④ ⑤ ⑥ ⑦ ⑧⑨

① Series No.

② Category:W-wafer

③ Welding Board Angle: V- Straight 180°, R-Vertical 90°

④ Colloid Feature: Blank-Common,A-A type(勾勾牛角) ...

⑤ Circuit No.: 230-2*15PIN,

⑥ Material: 6T-Nylon6T,UL94V-0; P0-PBT,UL94V-0;

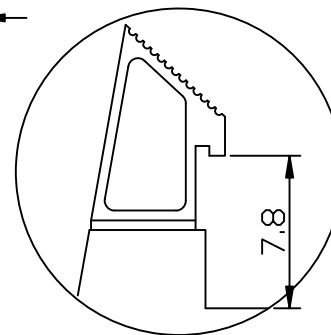
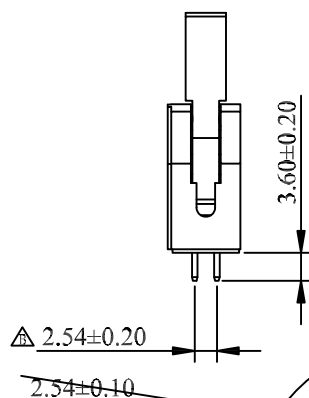
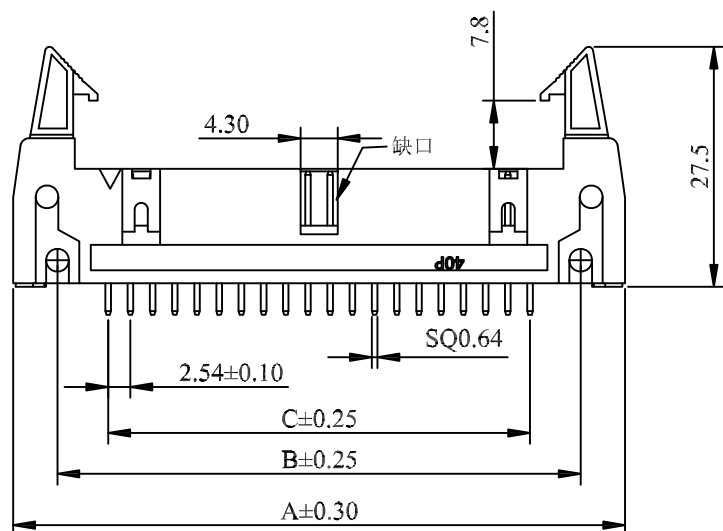
⑦ Color: BK-Black, WT-White

⑧ Plating Method: G-Gold-flash, T-Tin-plated,

⑨ Option: Blank-Standard type(长勾单缺口)

Ordering Information & Dimensions

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
2*3P	26.92	16.76	5.08	2*18P	65.02	54.86	43.18
2*4P	29.46	19.30	7.62	2*19P	67.56	57.40	45.72
2*5P	32.00	21.84	10.16	2*20P	70.10	59.94	48.26
2*6P	34.54	24.38	12.70	2*21P	72.64	62.48	50.80
2*7P	37.08	26.92	15.24	2*22P	75.18	65.02	53.34
2*8P	39.62	29.46	17.78	2*23P	77.72	67.56	55.88
2*9P	42.16	32.00	20.32	2*24P	80.26	70.10	58.42
2*10P	44.70	34.54	22.86	2*25P	82.80	72.64	60.96
2*11P	47.24	37.08	25.40	2*26P	85.34	75.18	63.50
2*12P	49.78	39.62	27.94	2*27P	87.88	77.72	66.04
2*13P	52.32	42.16	30.48	2*28P	90.42	80.26	68.58
2*14P	54.86	44.70	32.02	2*29P	92.96	82.80	71.12
2*15P	57.40	47.24	35.56	2*30P	95.50	85.34	73.66
2*16P	59.94	49.78	38.10	2*31P	98.04	87.88	76.20
2*17P	62.48	52.32	40.64	2*32P	100.58	90.42	78.74



LONG LATCH(长勾)



GENERAL TOLERANCE

.X ±0.30

.XX ±0.20

.XXX ±0.10

X° ±2°

PROJECT

YANGZHENG



东莞市国亚电子有限公司
DONGGUO GUOYAELECTRONICS CO.,LTD

APPROVAL

CHECK

DRAWN

DATE

Yangzhengguo

Yangjinyi

Lvtiansheng

2007/05/03

PART NO.

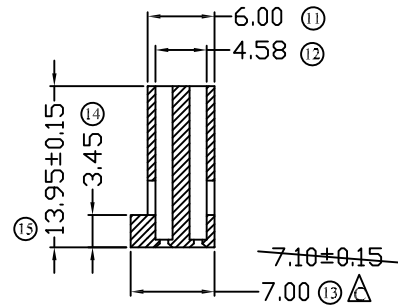
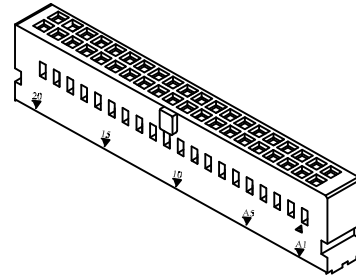
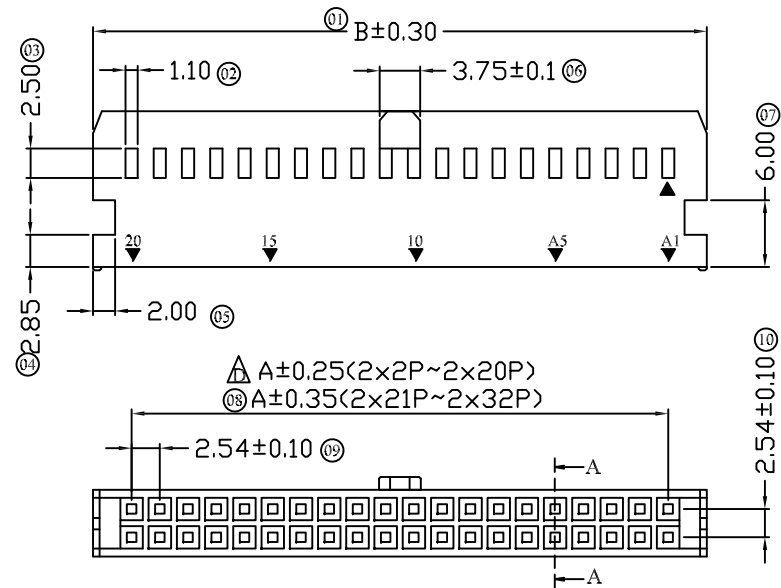
A2546WVA-2NP-P0BKG

TITLE

2.54mm Pitch Box Header(单缺)

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A0	A-089

RoHS



Section A-A

Poles	Dimensions(mm)		Poles	Dimensions(mm)		Poles	Dimensions(mm)	
	A	B		A	B		A	B
2*02	2.54	9.48	2*13	30.48	37.42	2*24	58.42	65.36
2*03	5.08	12.02	2*14	33.02	39.96	2*25	60.96	67.90
2*04	7.62	14.56	2*15	35.56	42.50	2*26	63.50	70.44
2*05	10.16	17.10	2*16	38.10	45.04	2*27	66.04	72.98
2*06	12.70	19.64	2*17	40.64	47.58	2*28	68.58	75.52
2*07	15.24	22.18	2*18	43.18	50.12	2*29	71.12	78.06
2*08	17.78	24.72	2*19	45.72	52.66	2*30	73.66	80.60
2*09	20.32	27.26	2*20	48.26	55.20	2*31	76.20	83.14
2*10	22.86	29.80	2*21	50.80	57.74	2*32	78.74	85.68
2*11	25.40	32.34	2*22	53.34	60.28			
2*12	27.94	34.88	2*23	55.88	62.82			

SPECIFICATIONS :

Voltage Rating: 250V AC / DC

Current Rating: 3A AC / DC

Withstanding Voltage: 1500V AC/minute

Temperature Range: -25°C~+85°C

Insulation Resistance: 1000MΩ Min.

Contact Resistance: 20mΩ Max.

*Suitable GYA A2546 series Terminal

*Mates with GYA A2546 series Wafer

Material: PBT/PA66, UL94V-0 Δ Color: Natural or White or Beige or Black or
Brown or Blue or Green or Gray or Red or
Orange or Purple or White or Yellow.

A2546 H X A - 2NP - XX XX C
① ②③④ ⑤ ⑥ ⑦ ⑧

① Series No.

② Category: H-Housing

③ Housing Type: Blank-Common,

F-Female Housing, M-Male Housing,

④ Colloid Feature: Blank-Common, A-A TYPE ...

⑤ Pin No.: 204-2*02PIN~264-20*32PIN.

⑥ Material: P0-PBT, UL94V-0; N0-Nylon66, UL94V-0

⑦ Color: NA-Natural, BK-Black, BG-Beige,
BN-Brown, BL-Blue, GN-Green, GY-Gray,
OR-Orange, PR-Purple, RE-Red,
WH-White, YW-Yellow,⑧ Option: A-With groove/Without digital,
B-Without groove/Without digital,
C-With groove/With digital,
D-Without groove/With digital,

GENERAL TOLERANCE

X ± 0.30 XX ± 0.20 XXX ± 0.10 X° $\pm 2^\circ$

PROJECT

东莞市国亚电子有限公司
DONGGUO GUOYAELECTRONICS CO.,LTD

APPROVAL

CHECK

DRAWN

DATE

Yangzhengguo

Yangjinyi

Lviansheng

2007/05/03

PART NO.

A2546HA-2NP-XXXXC

TITLE

2.54mm Pitch Dual Row Housing

UNIT

SCALE

SHEET

REV

NUMBER

mm

1:1

1/1

A0

A-089

DATE

REV

ECN NO.

DESCRIPTION

MODIFY

APPROVAL

1

2

3

4

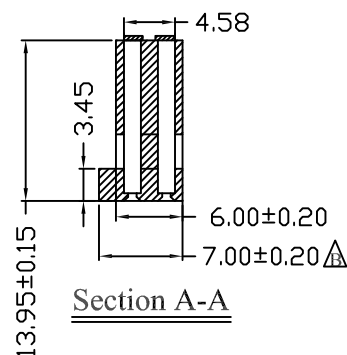
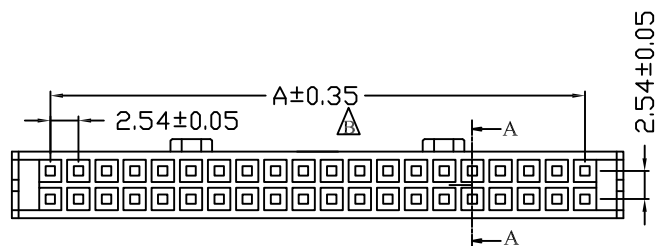
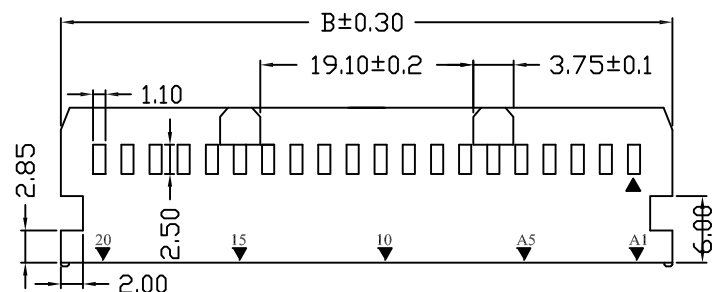
5

6

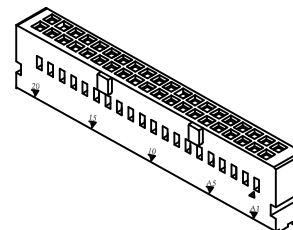
7

8

RoHS



Section A-A



SPECIFICATIONS :

Voltage Rating: 250V AC / DC
Current Rating: 3A AC / DC
Withstanding Voltage: 1500V AC/minute
Temperature Range: -25°C~+85°C
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
*Suitable GYA A2546 series Terminal
*Mates with GYA A2546 series Wafer

Material: PBT/PA66, UL94V-0 Δ
Color: Natural or White or Beige or Black or
Brown or Blue or Green or Gray or Red or
Orange or Purple or White or Yellow.

A2546 H B - 2NP - XX XX C
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.
② Category: H-Housing
③ Colloid Feature: Blank-Common, B-B TYPE ...
④ Pin No.: 204-2*02PIN~264-20*32PIN.
⑤ Material: P0-PBT, UL94V-0;N0-PA66, UL94V-0
⑥ Color: NA-Natural, BK-Black, BG-Beige,
BN-Brown, BL-Blue, GN-Green, GY-Gray,
OR-Orange, PR-Purple, RE-Red,
WH-White, YW-Yellow,
⑦ Option: C-With groove/With digital,

Poles	Dimensions(mm)	
	A	B
2*20	48.26	55.20
2*21	50.80	57.74
2*22	53.34	60.28
2*23	55.88	62.82
2*24	58.42	65.36
2*25	60.96	67.90
2*26	63.50	70.44
2*27	66.04	72.98
2*28	68.58	75.52
2*29	71.12	78.06
2*30	73.66	80.60
2*31	76.20	83.14
2*32	78.74	85.68



GENERAL TOLERANCE

.X ±0.30

.XX ±0.20

.XXX ±0.10

X.° ±2°

PROJECT



东莞市国亚电子有限公司
DONGGUO GUOYAELECTRONICS CO.,LTD

APPROVAL

Yangzhengguo

CHECK

Yangjinyi

DRAWN

Lvtiansheng

DATE

2007/05/03

PART NO.

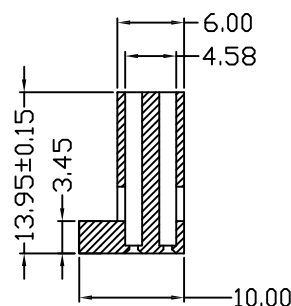
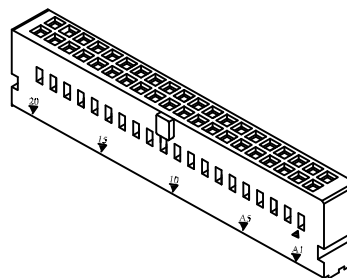
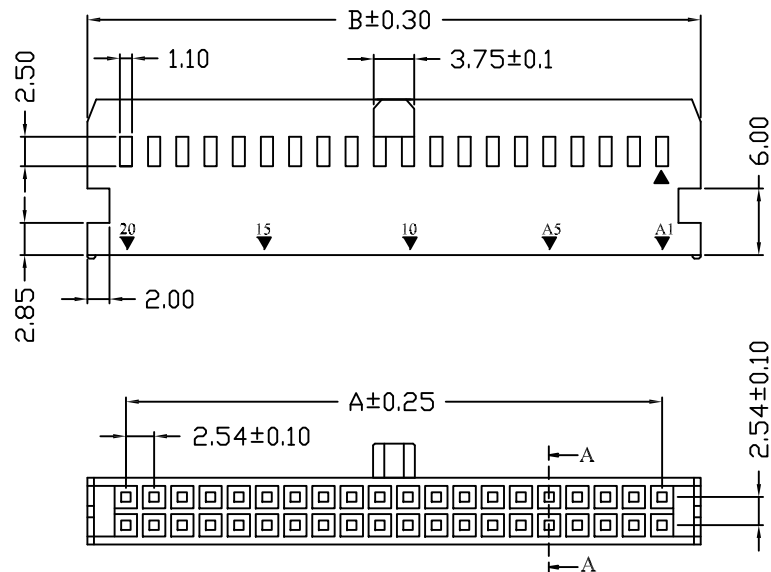
A2546HB-2NP-P0XXC

TITLE

2.54mm Pitch Dual Row Housing

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A0	A-089

RoHS



Section A-A

Poles	Dimensions(mm)		Poles	Dimensions(mm)		Poles	Dimensions(mm)	
	A	B		A	B		A	B
			2*13	30.48	37.42	2*24	58.42	65.36
2*03	5.08	12.02	2*14	33.02	39.96	2*25	60.96	67.90
2*04	7.62	14.56	2*15	35.56	42.50	2*26	63.50	70.44
2*05	10.16	17.10	2*16	38.10	45.04	2*27	66.04	72.98
2*06	12.70	19.64	2*17	40.64	47.58	2*28	68.58	75.52
2*07	15.24	22.18	2*18	43.18	50.12	2*29	71.12	78.06
2*08	17.78	24.72	2*19	45.72	52.66	2*30	73.66	80.60
2*09	20.32	27.26	2*20	48.26	55.20	2*31	76.20	83.14
2*10	22.86	29.80	2*21	50.80	57.74	2*32	78.74	85.68
2*11	25.40	32.34	2*22	53.34	60.28			
2*12	27.94	34.88	2*23	55.88	62.82			

SPECIFICATIONS :

Voltage Rating: 250V AC / DC

Current Rating: 3A AC / DC

Withstanding Voltage: 1500V AC/minute

Temperature Range: -25°C~+85°C

Insulation Resistance: 1000MΩ Min.

Contact Resistance: 20mΩ Max.

*Suitable GYA A2546 series Terminal

*Mates with GYA A2546 series Wafer

Material: PBT, UL94V-0

Color: Natural or White or Beige or Black or
Brown or Blue or Green or Gray or Red or
Orange or Purple or White or Yellow.

A2546 H D - 2NP - P0 XX C
① ② ③ ④ ⑤ ⑥ ⑦

① Series No.

② Category: H-Housing

③ Colloid Feature: D-D TYPE(高凸)

④ Pin No.: 204-2*02PIN~264-20*32PIN.

⑤ Material: P0-PBT, UL94V-0;

⑥ Color: NA-Natural, BK-Black, BG-Beige,
BN-Brown, BL-Blue, GN-Green, GY-Gray,
OR-Orange, PR-Purple, RE-Red,
WH-White, YW-Yellow,

⑦ Option: C-With groove/With digital,



GENERAL TOLERANCE

.X ±0.30

.XX ±0.20

.XXX±0.10

X° ±2°

PROJECT

东莞市国亚电子有限公司
DONGGUO GUOYAO ELECTRONICS CO.,LTD

APPROVAL

CHECK

DRAWN

DATE

Yangzhengguo

Yangjinyi

Lvtiansheng

2007/05/03

PART NO.

A2546HD-2NP-P0XXC

TITLE

2.54mm Pitch Dual Row Housing

UNIT

SCALE

SHEET

REV

NUMBER

mm

1:1

1/1

A0

A-089

DATE

1

REV

2

ECN NO.

DESCRIPTION

3

MODIFY

4

APPROVAL

5

GENERAL TOLERANCE

.X ±0.30

.XX ±0.20

.XXX±0.10

X° ±2°

PROJECT

东莞市国亚电子有限公司
DONGGUO GUOYAO ELECTRONICS CO.,LTD

APPROVAL

CHECK

DRAWN

DATE

Yangzhengguo

Yangjinyi

Lvtiansheng

2007/05/03

PART NO.

A2546HD-2NP-P0XXC

TITLE

2.54mm Pitch Dual Row Housing

UNIT

SCALE

SHEET

REV

NUMBER

mm

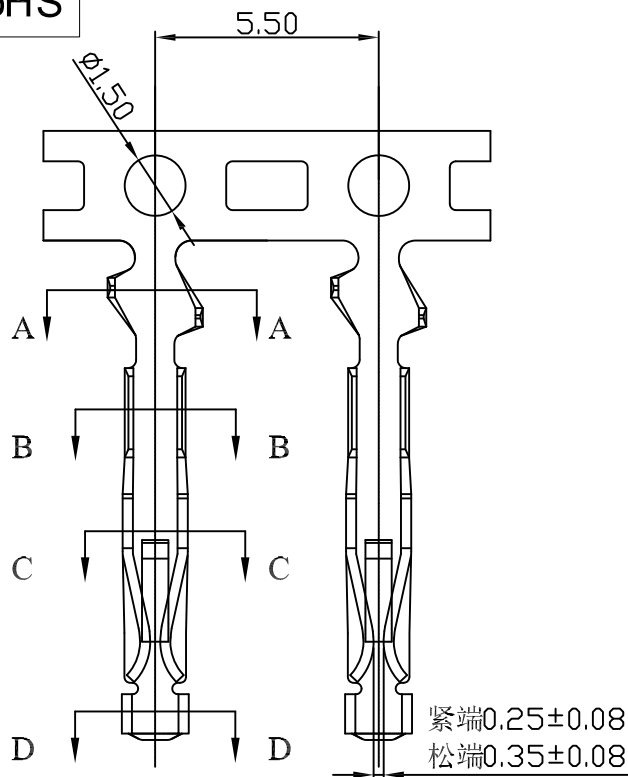
1:1

1/1

A0

A-089

RoHS



SPECIFICATIONS :

Voltage Rating: 250V AC / DC
Current Rating: 3A AC / DC
Withstanding Voltage: 1500V AC/minute
Temperature Range: -25°C~+85°C
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Wire Range: AWG#22~28.

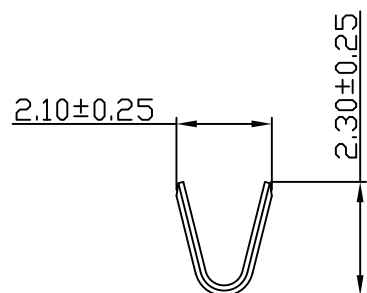
*Used in GYA A2546 series Housing

Material:

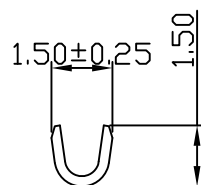
Terminal: Phosphor Bronze Or Brass
Plating: Tin Plated Or Gold Flash Or Half gold/tin Plated,

A2546 T F - X XX X -A-X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

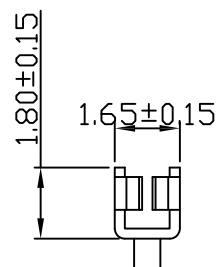
- ① Series No.:
② Category: T- Terminal
③ Terminal Type: F-mate with male housing
④ Material: P-Phosphor Bronze, B-Brass
⑤ Plating : T1-Tin Plated, G1-Gold Flash, GT-Half gold/tin Plated,
⑥ Other Feature: A-A TYPE(紧端), B-BTYPE(松端)
⑦ Other Feature: A-新模
⑧ Other Feature: 空码(普通)-纸盘带LOGO; L-纸盘无LOGO



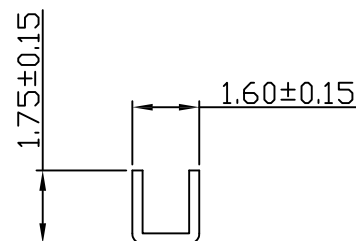
Section: A-A



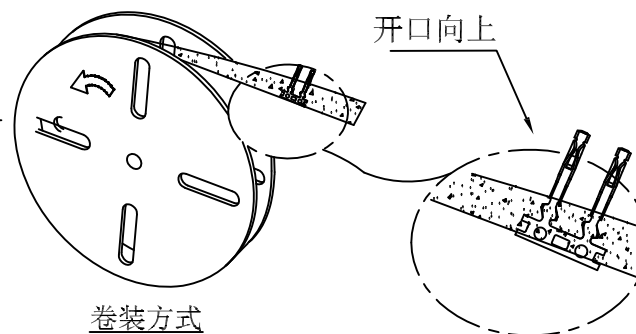
Section: B-B



Section: C-C



Section: D-D



卷装方式

GENERAL TOLERANCE

.X ± 0.30

.XX ± 0.20

.XXX ± 0.10

X° $\pm 2^\circ$

PROJECT



东莞市国亚电子有限公司
DONGGUO GUOYAELECTRONICS CO.,LTD

APPROVAL

Yangzhengguo

CHECK

Yangjinyi

DRAWN

Lvtiansheng

DATE

2007/05/03

PART NO.

A2546TF-XXXX-A-X

TITLE

2.54mm Pitch Terminal

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A0	A-089