

SPECIFICATIONS

1. Current rating: 3A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -25°C ~ +85°C 
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 20mΩ Max.

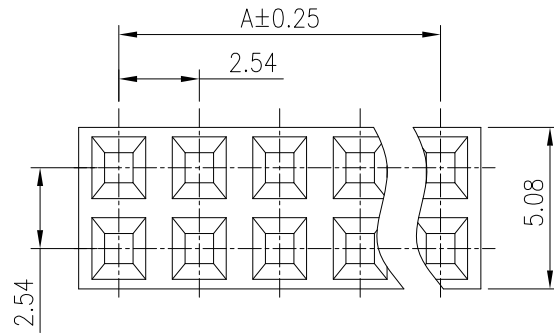
Material: PPO UL 94V-0
Suitable KR2542 series terminal
Mate with KR2542 series wafer

Ordering Code:

H25420 *** 06 01C

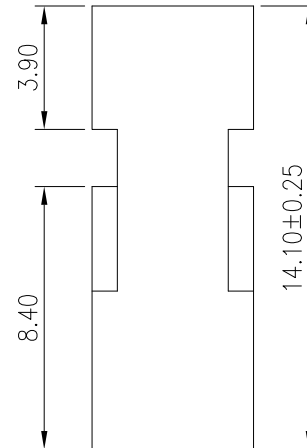
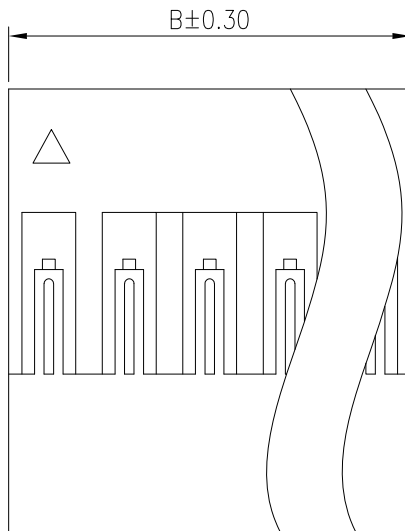
No.of Circuits 
202:2*2,210:2*10

Insulator Material 
06:PPO Black V0



$$A=2.54 \times (\text{Circuits}-1)$$

$$B=A+2.54$$



MARK	REVISION	DESCRIPTION	SIGNATURE	DATE	TOLERANCE	TITLE:	DRAWN:	CHECKED:	APPROVED:	REV.:	DRAWING NO.:
A04					X.X ±0.30	DP2.54 Dual Row Housing	Liujingtian 2020.5.25				
A03	Adjust the temperature range	ACX	2026.01.07		X.XX ±0.20						
A02	Uniformly arrange the drawings	LJT	2020.05.25		X.XXX ±0.10						
					Angle ±2°						
					UNIT:mm	SCALE:N/A	SHEET:1/1	PROJECTION			

KONNRA 东莞市康瑞电子有限公司

DongGuan Konnra Electronics Co.,Ltd.

PART NO.:H25420***0601C

REV.:A03 DRAWING NO.:2542H201-C-S

SPECIFICATIONS

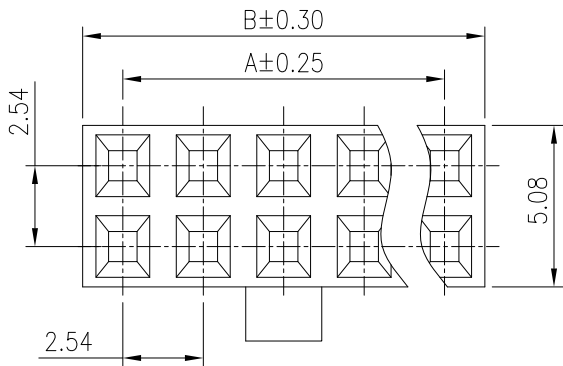
- Current rating: 3A AC, DC
- Voltage rating: 250V AC,DC
- Temperature range: -25°C ~ +85°C 
- Insulation resistance: 1000MΩ Min.
- Withstanding voltage: 1500V AC/ minute.
- Contact resistance: 20mΩ Max.

Material: PPO UL 94V-0
Suitable KR2542 series terminal
Mate with KR2542 series wafer

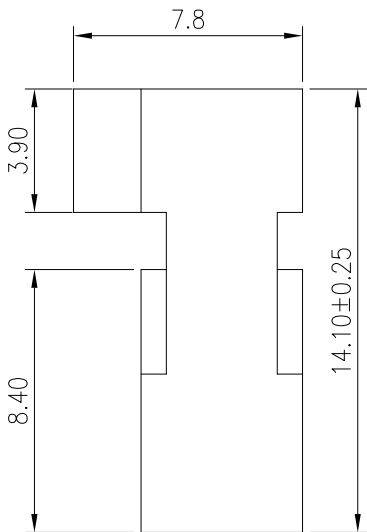
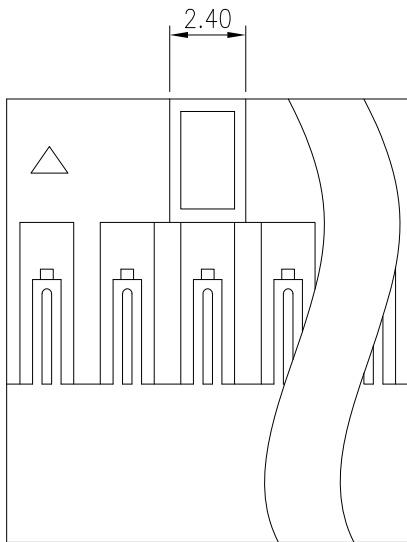
Ordering Code:

H25420 *** 06 02C

No.of Circuits 
202:2*2,210:2*10
Insulator Material 
06:PPO Black V0



$A=2.54 \times (\text{Circuits}-1)$
 $B=A+2.54$



				TOLERANCE	TITLE:	DRAWN: Liujingtian 2020.5.25	KONNRA东莞市康瑞电子有限公司 DongGuan Konnra Electronics Co.,Ltd. PART NO.:H25420***0602C REV.:A03 DRAWING NO.:2542H202-C-S			F
	Adjust the temperature range	ACX	2026.01.07	X.X ±0.30	DP2.54 Dual Row	CHECKED:				
	Uniformly arrange the drawings	LJT	2020.05.25	X.XX ±0.20	High convexity	APPROVED:				
MARK	REVISION DESCRIPTION	SIGNATURE	DATE	X.XXX ±0.10	Housing					
				Angle ±2°	UNIT:mm	SCALE:N/A	SHEET:1/1	PROJECTION 		
1	2	3	4	5	6	7	8	9		

SPECIFICATIONS

1. Current rating: 3A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -25°C ~ +85°C A03
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 20mΩ Max.

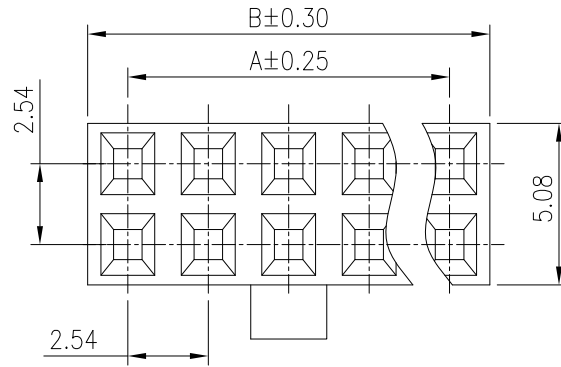
Material: PPO UL 94V-0
Suitable KR2542 series terminal
Mate with KR2542 series wafer

Ordering Code:

H25420 *** 06 03C

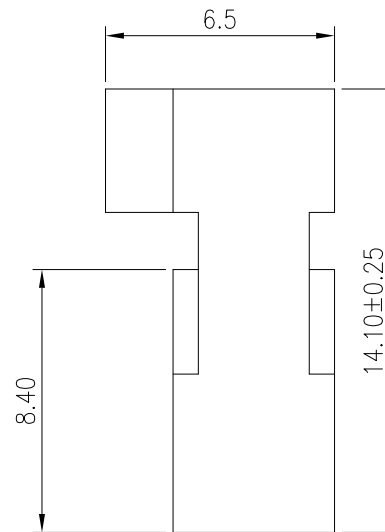
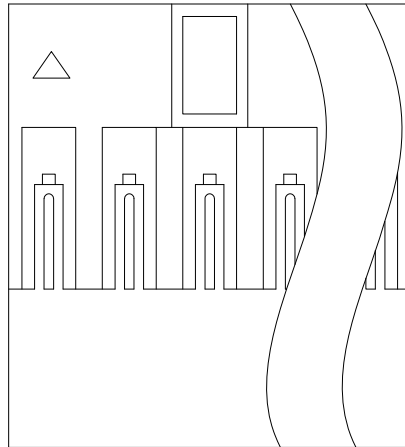
No.of Circuits 202:2*2,210:2*10

Insulator Material
06:PPO Black V0



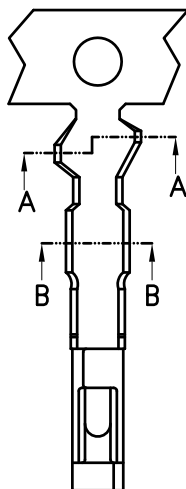
$$A=2.54 \times (\text{Circuits}-1)$$

$$B=A+2.54$$

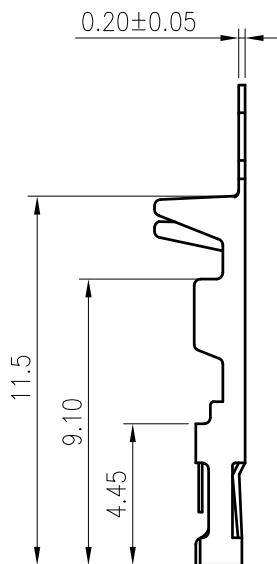


A04					TOLERANCE X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 Angle ±2°	TITLE: DP2.54 Dual Row Low convexity Housing		DRAWN: Liujiangtian 2020.5.25		KONNRA®东莞市康瑞电子有限公司				F			
A03	Adjust the temperature range			ACX				2026.01.07	CHECKED:		DongGuan Konnra Electronics Co.,Ltd.						
A02	Uniformly arrange the drawings			LJT				2020.05.25	APPROVED:		PART NO.:H25420***0603C						
MARK	REVISION DESCRIPTION			SIGNATURE				DATE	UNIT:mm	SCALE:N/A	SHEET:1/1	PROJECTION 	REV.:A03		DRAWING NO.:2542H203-C-S		
1		2		3		4		5		6		7		8		9	

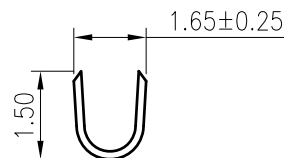
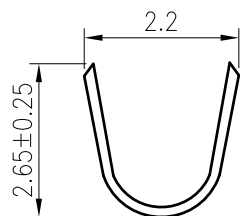
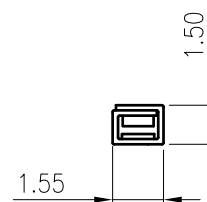
RoHS
COMPLIANT



A-A SECTION



B-B SECTION



SPECIFICATIONS

1. Current rating: 3A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 20mΩ Max.

Applicable Wires:

AWG#22~#28

Insulation O.D. : 1.70mm MAX

Material: Brass

Plating: Tin plated over nickel

Selective gold flsh over nickel

Suitable KR2542 series housing

Q'ty/reel: 10,000 PCS

Ordering Code:

T2542FB *** 02A

Plating

T01: Tin plated

B01: Selective gold flsh



MARK

1

2

3

4

5

6

7

8

9

TOLERANCE

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±2°

TITLE:
DP2.54 Male
Terminal

UNIT:mm

SCALE:N/A

DRAWN: Liujingtian 2020.5.25

CHECKED:

APPROVED:

SHEET: 1/1

PROJECTION

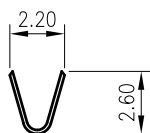
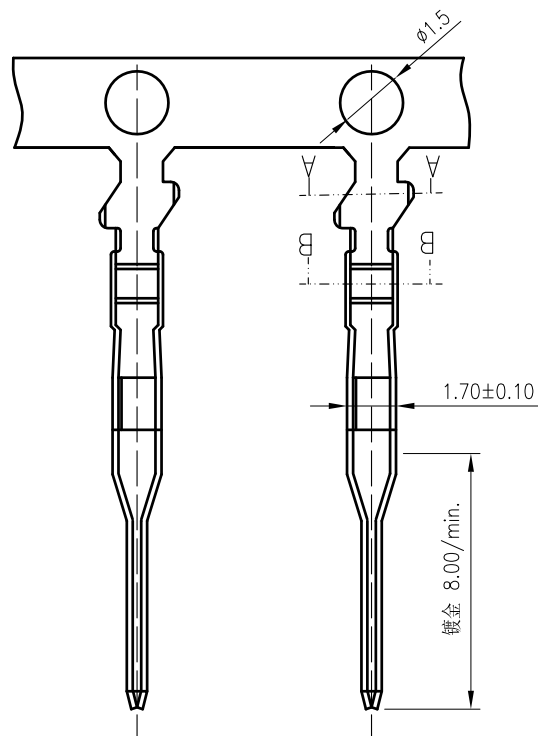
KONNRA 东莞市康瑞电子有限公司

DongGuan Konnra Electronics Co.,Ltd.

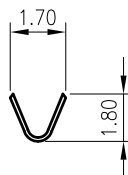
PART NO.: T2542FB***02A

REV.: A2

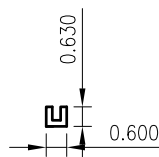
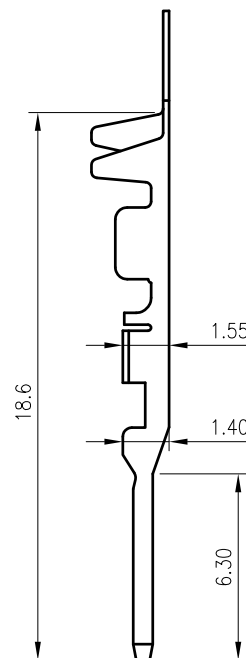
DRAWING NO.: 2542TF101-A-S



SECTION A-A



SECTION B-B



SPECIFICATIONS

1. Current rating: 3A AC, DC
2. Voltage rating: 250V AC,DC
3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ Min.
5. Withstanding voltage: 1500V AC/ minute.
6. Contact resistance: 20mΩ Max.

Applicable Wires:

AWG#22~#28

Insulation O.D. : 1.70mm MAX

Material: Brass

Plating: Tin plated over nickel

Selective gold flash over nickel

Suitable KR2542 series housing

Q'ty/reel: 10,000 PCS



MARK

1

2

3

4

5

6

7

8

9

TOLERANCE

X.X ±0.30
X.XX ±0.20
X.XXX ±0.10
Angle ±2°

TITLE:

DP2.54 Male
Terminal

UNIT:mm

SCALE:N/A

DRAWN:

Arvin 2020.03.05

CHECKED:

APPROVED:

SHEET:1/1

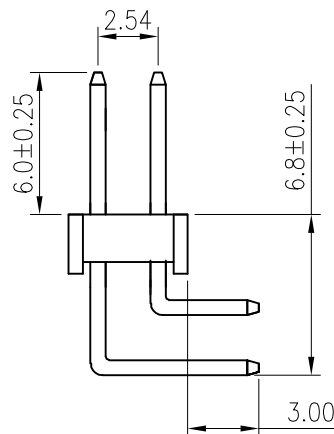
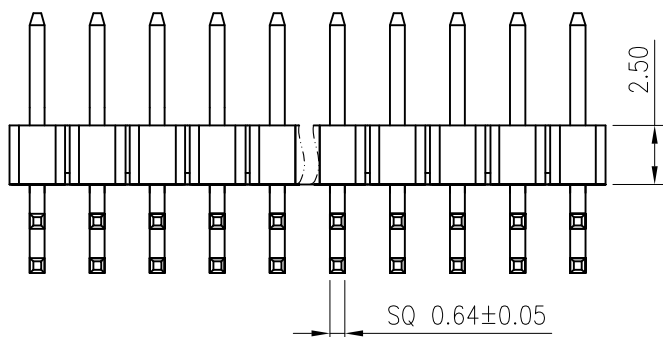
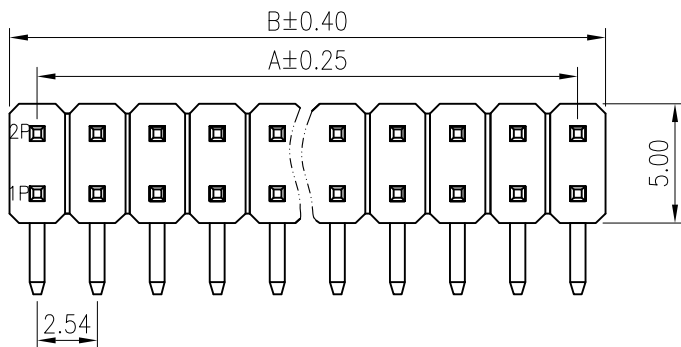
PROJECTION

KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co.,Ltd.

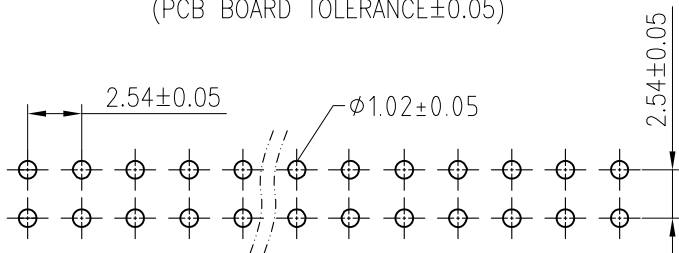
PART NO.:T2542MBB0101C

REV.:A2 DRAWING NO.:2542TM101-C-S

RoHS
COMPLIANT



Recommended P.C.B. Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



PCB LAYOUT

SPECIFICATIONS

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3. Temperature range: -40°C ~ +105°C
4. Insulation resistance: 1000MΩ/ min.
5. Withstanding voltage: 1000V AC/ minute.
6. Contact resistance: 20mΩ/ max.

Material:

Insulator: PA6T UL 94V-0

Contact: Brass

Plating: Gold flash plated over Nickel

Circuits: 2x2~2x40

Mate with KR2542 series housing or female header

Ordering Code:

C2542RD *** ** G01 03PC
No. of Circuits 202:2x2, 240:2x40
Insulator Material 10:PA6T Black
Plating G01:Gold flash

A=2.54X(circuits/2-1)

B=A+2.54

TOLERANCE

X.X ±0.30
X.XX ±0.20
X.XXX ±0.10
Angle ±2°

TITLE:

DP2.54 DIP 90° Pin
Header 2X30P H2.54/
L6.0/D3.0

DRAWN:

Arwin 2021.09.08

CHECKED:

APPROVED:

KONNRA 东莞市康瑞电子有限公司
DongGuan Konnra Electronics Co., Ltd.

PART NO.: C2542RD23010G0103PC

MARK

REVISION DESCRIPTION

SIGNATURE

DATE

UNIT:mm

SCALE:N/A

SHEET:1/1

PROJECTION

REV.:A1

DRAWING NO.: 2542WMRD203-C-S