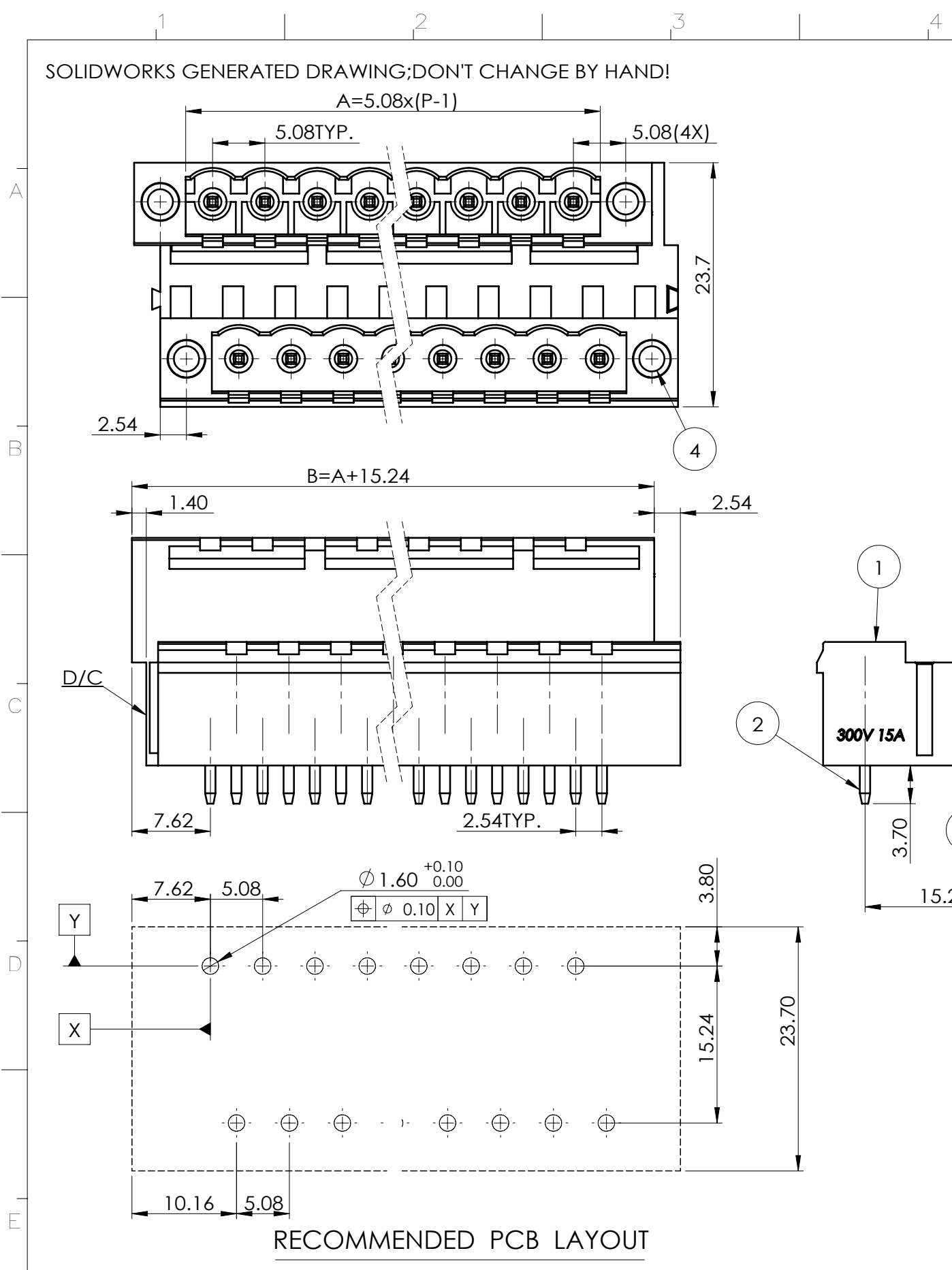


SOLIDWORKS GENERATED DRAWING;DON'T CHANGE BY HAND!

REV.	ECN. NO.	APPD.
A	BC-15-0045419	Davy Bu
AX1	20160503	Davy Bu

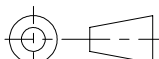
SPECIFICATION:
UL STANDARD
1. ELECTRICAL CHARACTERISTICS:
1-1. DIELECTRIC WITHSTANDING VOLTAGE: 2000VAC AT 1 Minute.
1-2. INSULATION RESISTANCE: 500 MEGAOHMS MIN. INITIAL.
2. PERFORMANCE:
2-1. VOLTAGE RATING: 300V DC .
2-2. CURRENT RATING:15 Amps.MAX. PER CONTACT .
2-3. OPERATING TEMPERATURE: -40°C TO +105°C.
3. PRODUCT NO.MATRIX:

TE P H 2 * 6 - 1 * G 0 1- D H
TE=Terminal Block
Product Series
P=PCB Mount
Terminal Type
H=Two piece Header
RowxPole
2=2R 8=8P
Contact PITCH
6=5.08mm
H=HALOGEN FREE
Package Code
D=BOX
Extension Code



P(Pole)	2	3	4	5	6	7	8	9	10	11	12
A	5.08	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88
B	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96	66.04	71.12

4	NUT	COPPER ALLOY	4
3	Header pin2	COPPER ALLOY	P
2	Header pin1	COPPER ALLOY	P
1	HOUSING	THERMOPLASTIC UL 94V-0	1
ITEM	PART NO.	MATERIAL	Q'TY

X. ±	X°. ± 1°	UNITS mm	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.		
.X ± 0.25	.X°. ±	MAT'L	Terminal block Conn.			
.XX ± 0.20	.XX°. ±	N/A	PART NO.(INTENDED USE)TITLE:	CLASS:		
.XXX ±	.XXX°. ±		TEPH2*6-1*G01-DH	☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL		
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT CO., LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED		FINISH	APPD:	TITLE: CUSTOMER DRAWING		
		Q'TY	Davy Bu 5/03'16	DWG NO.: 307-0000-1734		
			CHKD:			
			Johnny Tang 5/03'16			
		DR:	Lu Qing 5/03'16	SCALE	SHEET	REV.
				N/A	1/16	AX1

SOLIDWORKS GENERATED DRAWING;DON'T CHANGE BY HAND!

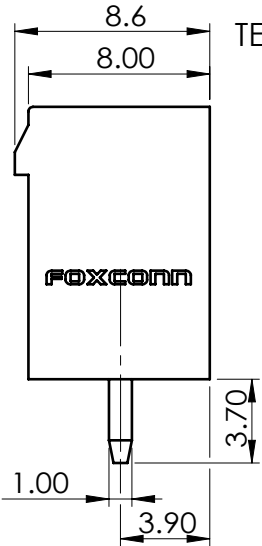
REV.	ECN. NO.	APPD.

SPECIFICATION:
UL STANDARD

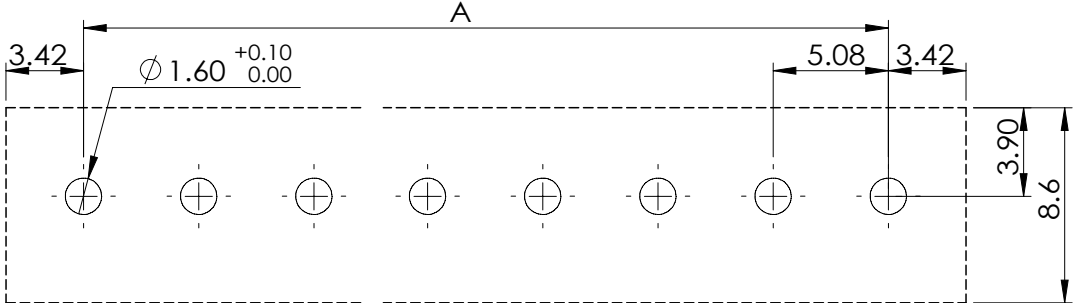
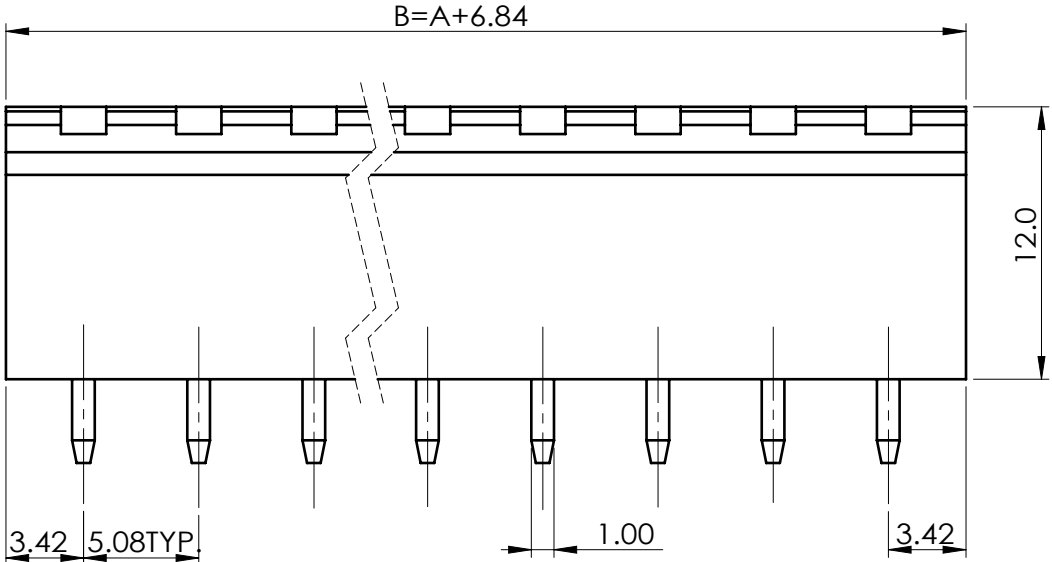
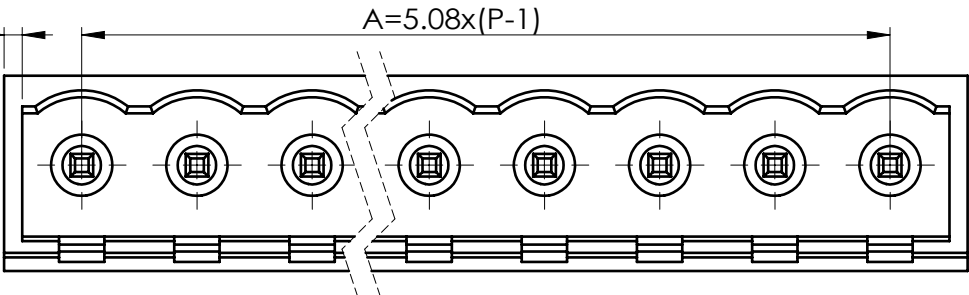
1. ELECTRICAL CHARACTERISTICS:
1-1. DIELECTRIC WITHSTANDING VOLTAGE: 2000VAC AT 1 Minute.
1-2. INSULATION RESISTANCE: 500 MEGAOHMS MIN. INITIAL.
2. PERFORMANCE:
2-1. VOLTAGE RATING: 300V DC .
2-2. CURRENT RATING:15 Amps.MAX. PER CONTACT .
2-3. OPERATING TEMPERATURE: -40°C TO +105°C.
3. PRODUCT NO.MATRIX:

TE P H 1 * 6 - 1 3 G 0 0 - * *

TE=Terminal Block
Product Series
P=PCB Mount
Terminal Type
H=Two piece Header
Row x Pole
1=1R *=Pole
Contact Pitch
6=5.08mm
H=HALOGEN FREE
Package Code
D=BOX
Extension Code



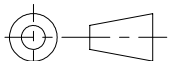
Pole	2	3	4	5	6	7	8	9	10	11	12	13
CODE	2	3	4	5	6	7	8	9	A	B	C	D
Pole	14	15	16	17	18	19	20	21	22	23	24	
CODE	E	F	G	H	J	K	L	M	N	P	R	



RECOMMENDED PCB LAYOUT

P(Pole)	2	3	4	5	6	7	8	9	10	11	12	13
A	5.08	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96
B	11.92	17	22.08	27.06	32.24	37.32	42.4	47.48	52.56	57.64	62.72	67.8
P(Pole)	14	15	16	17	18	19	20	21	22	23	24	
A	66.04	71.12	76.2	81.28	86.36	91.44	96.52	101.6	106.68	111.76	116.84	
B	72.88	77.96	83.04	88.12	93.2	98.28	103.36	108.44	113.52	118.6	123.68	

2	Header pin	COPPER ALLOY	P
1	HOUSING	THERMOPLASTIC UL 94V-0	1
ITEM	PART NO.	MATERIAL	Q'TY

X. ±	X° ± 1°	UNITS mm	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X ± 0.35	.X° ±	MAT'L	Terminal block Conn.	
.XX ± 0.25	.XX° ±	N/A	PART NO.(INTENDED USE)TITLE:	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX ±	.XXX° ±	FINISH	TEPH1*6-13G00-**	TITLE: CUSTOMER DRAWING
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT CO., LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED			APPD: Davy Bu 9/03'16	DWG NO.: 307-0000-1734
			CHKD: Johnny Tang 9/03'16	
			DR: Lu Qing 9/03'16	
				SCALE SHEET REV. N/A 2/16 AX2

SOLIDWORKS GENERATED DRAWING;DON'T CHANGE BY HAND!

REV.	ECN. NO.	APPD.

SPECIFICATION:

UL STANDARD

1. ELECTRICAL CHARACTERISTICS:

1-1. DIELECTRIC WITHSTANDING VOLTAGE: 2000VAC AT 1 Minute.

1-2. INSULATION RESISTANCE: 500 MEGAOHMS MIN. INITIAL.

2. PERFORMANCE:

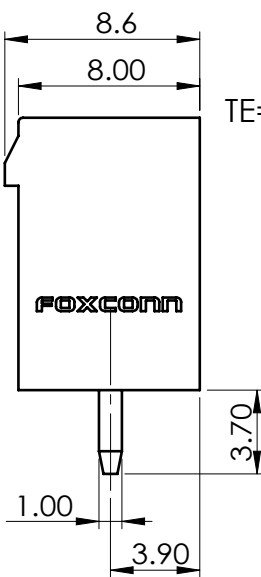
2-1. VOLTAGE RATING: 300V DC .

2-2. CURRENT RATING:15 Amps.MAX. PER CONTACT .

2-3. OPERATING TEMPERATURE: -40°C TO +105°C.

3. PRODUCT NO.MATRIX:

TE P H 1 * 6 - 1 3 G 0 1 - * *



TE=Terminal Block

Product Series
P=PCB Mount

Terminal Type
H=Two piece Header

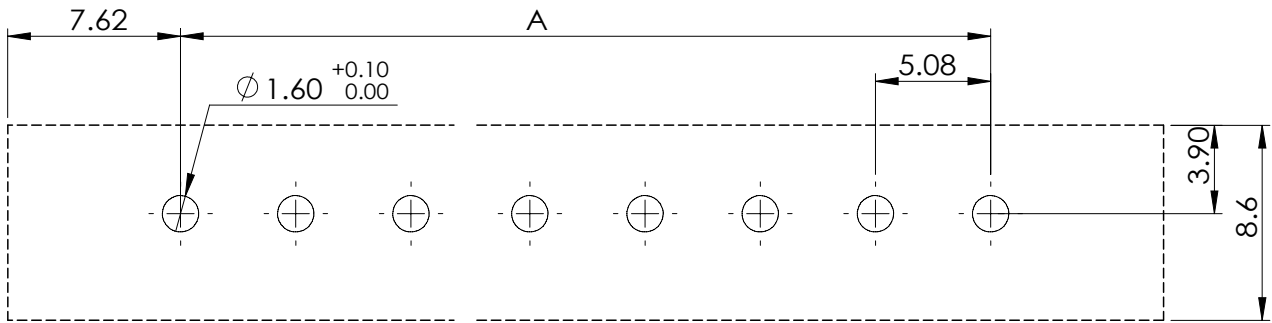
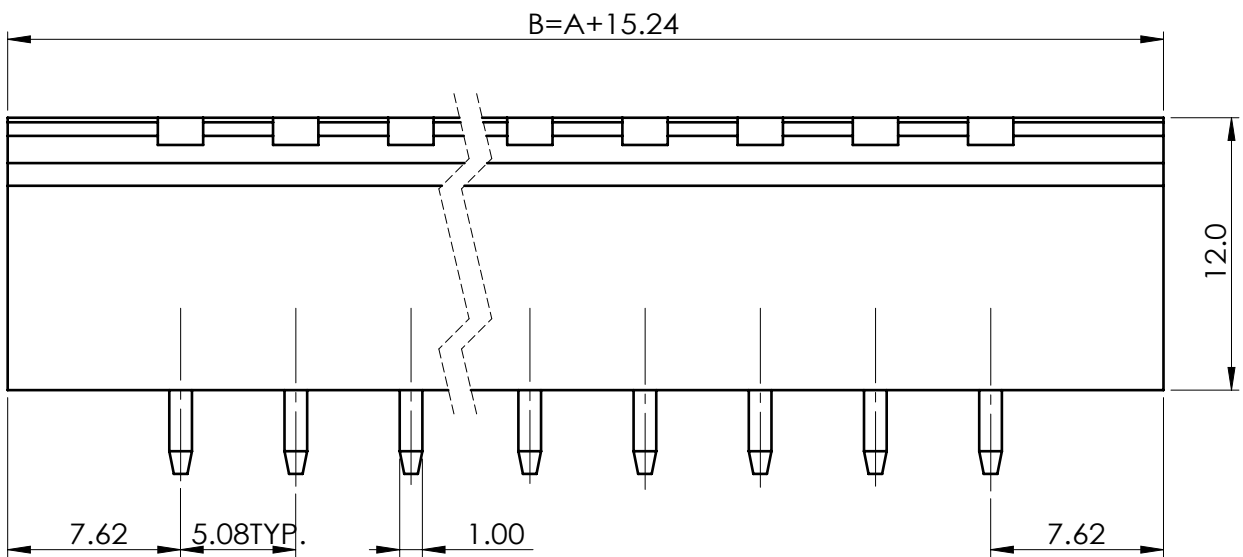
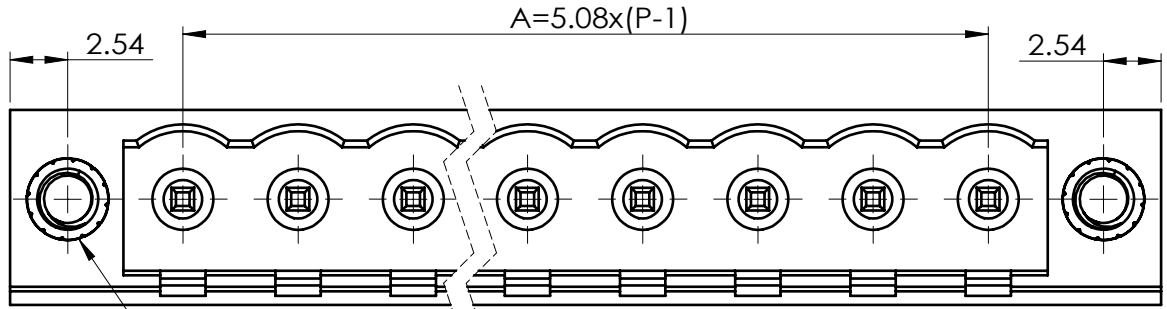
Row x Pole
1=1R *=Pole

Contact PITCH
6=5.08mm

H=HALOGEN
FREE

Package Code
D=BOX

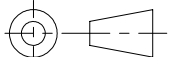
Extension Code



RECOMMENDED PCB LAYOUT

3	NUT	COPPER ALLOY	2
2	Header pin	COPPER ALLOY	P
1	HOUSING	THERMOPLASTIC UL 94V-0	1
ITEM	PART NO.	MATERIAL	Q'TY

P(Pole)	2	3	4	5	6	7	8	9	10	11	12	13
A	5.08	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96
B	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96	66.04	71.12	
P(Pole)	14	15	16	17	18	19	20	21	22	23	24	
A												
B												

X. ±	X° ± 1°	UNITS mm	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X ± 0.35	.X° ±	MAT'L	Terminal block Conn.	
.XX ± 0.25	.XX° ±	N/A	PART NO.(INTENDED USE)TITLE:	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX ±	.XXX° ±	FINISH	TEPH1*6-13G01-**	TITLE: CUSTOMER DRAWING
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			CHKD: Johnny Tang 5/03'16	
			DR: Lu Qing 5/03'16	
				SCALE SHEET REV. N/A 3/16 AX1

SOLIDWORKS GENERATED DRAWING;DON'T CHANGE BY HAND!

REV.	ECN. NO.	APPD.

SPECIFICATION:
UL STANDARD

1. ELECTRICAL CHARACTERISTICS:
1-1. DIELECTRIC WITHSTANDING VOLTAGE: 2000VAC AT 1 Minute.
1-2. INSULATION RESISTANCE: 500 MEGAOHMS MIN. INITIAL.
2. PERFORMANCE:
2-1. VOLTAGE RATING: 300V DC .
2-2. CURRENT RATING:15 Amps.MAX. PER CONTACT .
2-3. OPERATING TEMPERATURE: -40°C TO +105°C.
3. PRODUCT NO.MATRIX:

TE P H 1 * 6 - 1 3 G 0 3 - * *

TE=Terminal Block

Product Series
P=PCB Mount

Terminal Type
H=Two piece Header

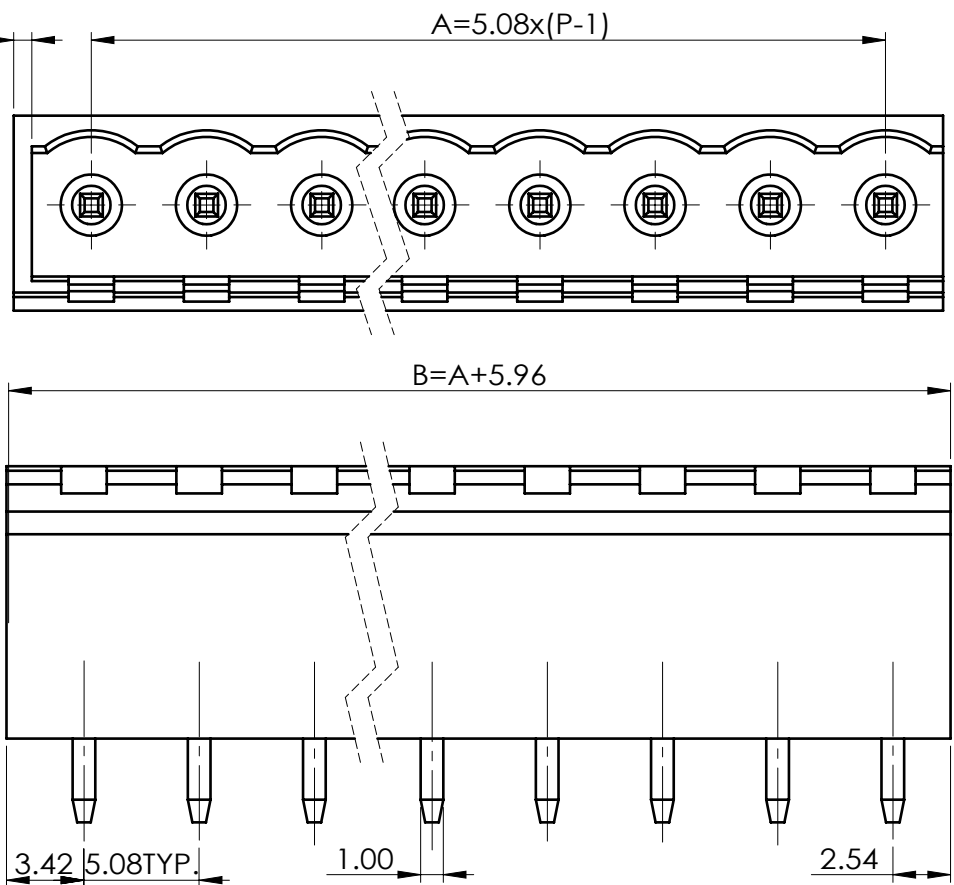
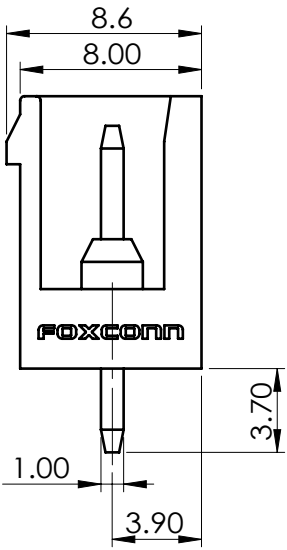
Row x Pole
1=1R *=Pole

Contact PITCH
6=5.08mm

H=HALOGEN
FREE

Package Code
D=BOX

Extension Code



RECOMMENDED PCB LAYOUT

P(Pole)	2	3	4	5	6	7	8	9	10	11	12	13
A	5.08	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96
B	11.04	16.12	21.2	26.28	31.36	36.44	41.52	46.6	51.68	56.76	61.84	66.92
P(Pole)	14	15	16	17	18	19	20	21	22	23	24	
A	66.04	71.12	76.2	81.28	86.36	91.44	96.52	101.6	106.68	111.76	116.84	
B	72	77.08	82.16	87.24	92.32	97.4	102.48	107.56	112.64	117.72	122.8	

2	Header pin	COPPER ALLOY	P
1	HOUSING	THERMOPLASTIC UL 94V-0	1
ITEM	PART NO.	MATERIAL	Q'TY

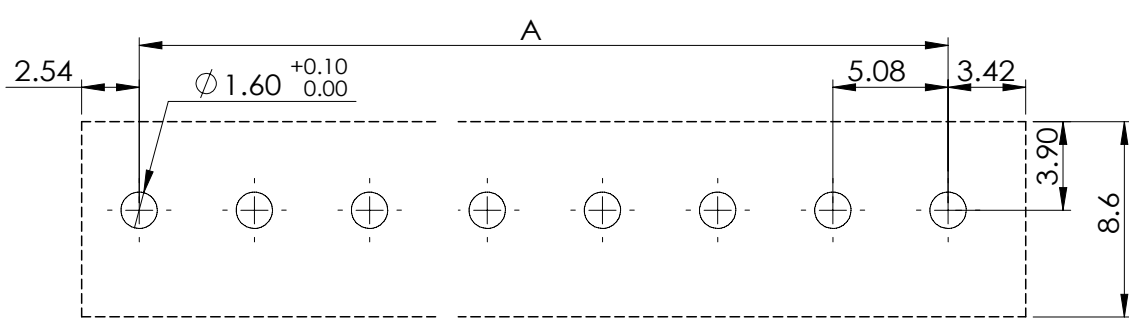
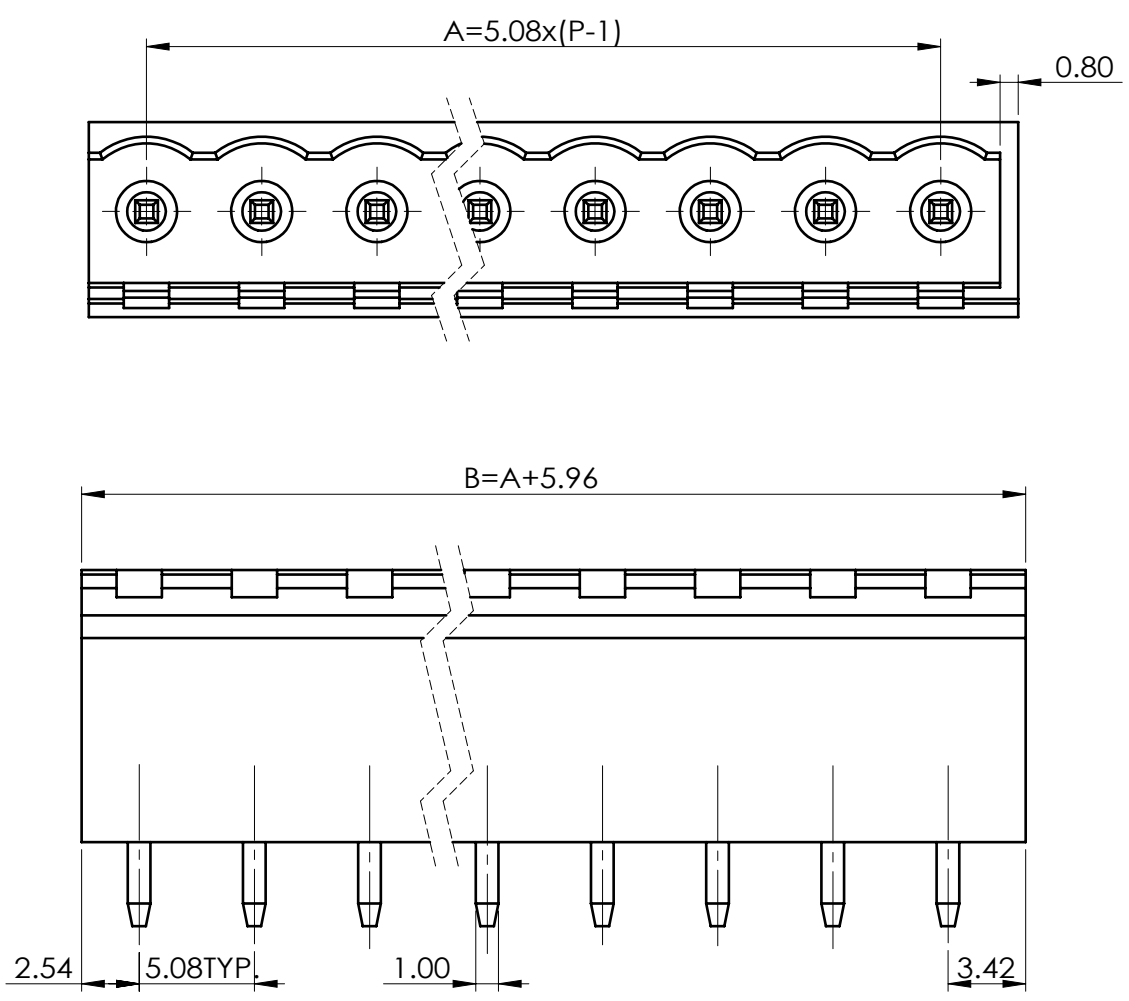
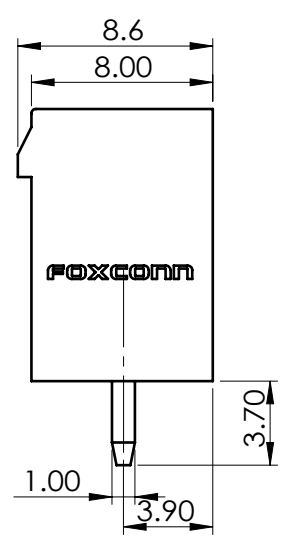
X. ±	X° ± 1°	UNITS mm	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X ± 0.35	.X° ±	MAT'L	Terminal block Conn.	
.XX ± 0.25	.XX° ±	N/A	PART NO.(INTENDED USE)TITLE:	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX ±	.XXX° ±	FINISH	TEPH1*6-13G03-**	TITLE: CUSTOMER DRAWING
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			CHKD: Johnny Tang 5/03'16	
			DR: Lu Qing 5/03'16	
				SCALE SHEET REV. N/A 4/16 AX1

SOLIDWORKS GENERATED DRAWING;DON'T CHANGE BY HAND!

REV.	ECN. NO.	APPD.

SPECIFICATION:
UL STANDARD
1. ELECTRICAL CHARACTERISTICS:
1-1. DIELECTRIC WITHSTANDING VOLTAGE: 2000VAC AT 1 Minute.
1-2. INSULATION RESISTANCE: 500 MEGAOHMS MIN. INITIAL.
2. PERFORMANCE:
2-1. VOLTAGE RATING: 300V DC .
2-2. CURRENT RATING:15 Amps.MAX. PER CONTACT .
2-3. OPERATING TEMPERATURE: -40°C TO +105°C.
3. PRODUCT NO.MATRIX:

TE P H 1 * 6 - 1 3 G 0 4 - * *
TE=Terminal Block
Product Series
P=PCB Mount
Terminal Type
H=Two piece Header
Row x Pole
1=1R *=Pole
Contact PITCH
6=5.08mm
H=HALOGEN FREE
Package Code
D=BOX
Extension Code



RECOMMENDED PCB LAYOUT

P(Pole)	2	3	4	5	6	7	8	9	10	11	12
B	5.08	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88
A	11.04	16.12	21.2	26.28	31.36	36.44	41.52	46.6	51.68	56.76	61.84

2	Header pin	COPPER ALLOY	P
1	HOUSING	THERMOPLASTIC UL 94V-0	1
ITEM	PART NO.	MATERIAL	Q'TY

X. ±	X° ± 1°	UNITS mm	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X ± 0.35	.X° ±	MAT'L	Terminal block Conn.	
.XX ± 0.25	.XX° ±	N/A	PART NO.(INTENDED USE)TITLE:	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX ±	.XXX° ±	FINISH	TEPH1*6-13G04-**	TITLE: CUSTOMER DRAWING
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			CHKD: Johnny Tang 5/03'16	
			DR: Lu Qing 5/03'16	
				SCALE SHEET REV. N/A 5/16 AX1

SOLIDWORKS GENERATED DRAWING;DON'T CHANGE BY HAND!

REV.	ECN. NO.	APPD.

SPECIFICATION:

UL STANDARD

1. ELECTRICAL CHARACTERISTICS:

1-1. DIELECTRIC WITHSTANDING VOLTAGE: 2000VAC AT 1 Minute.

1-2. INSULATION RESISTANCE: 500 MEGAOHMS MIN. INITIAL.

2. PERFORMANCE:

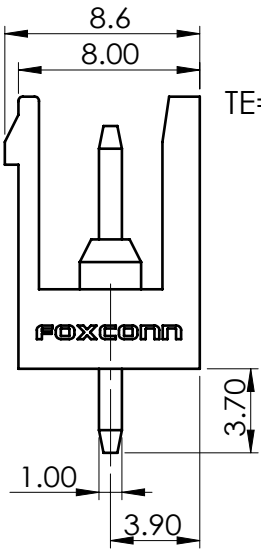
2-1. VOLTAGE RATING: 300V DC .

2-2. CURRENT RATING:15 Amps.MAX. PER CONTACT .

2-3. OPERATING TEMPERATURE: -40°C TO +105°C.

3. PRODUCT NO.MATRIX:

TE P H 1 * 6 - 1 3 G 0 5 - * *



TE=Terminal Block

Product Series
P=PCB Mount

Terminal Type
H=Two piece Header

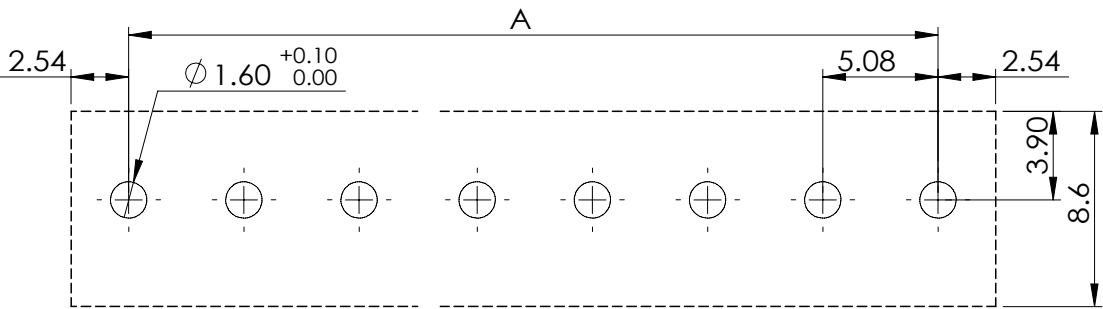
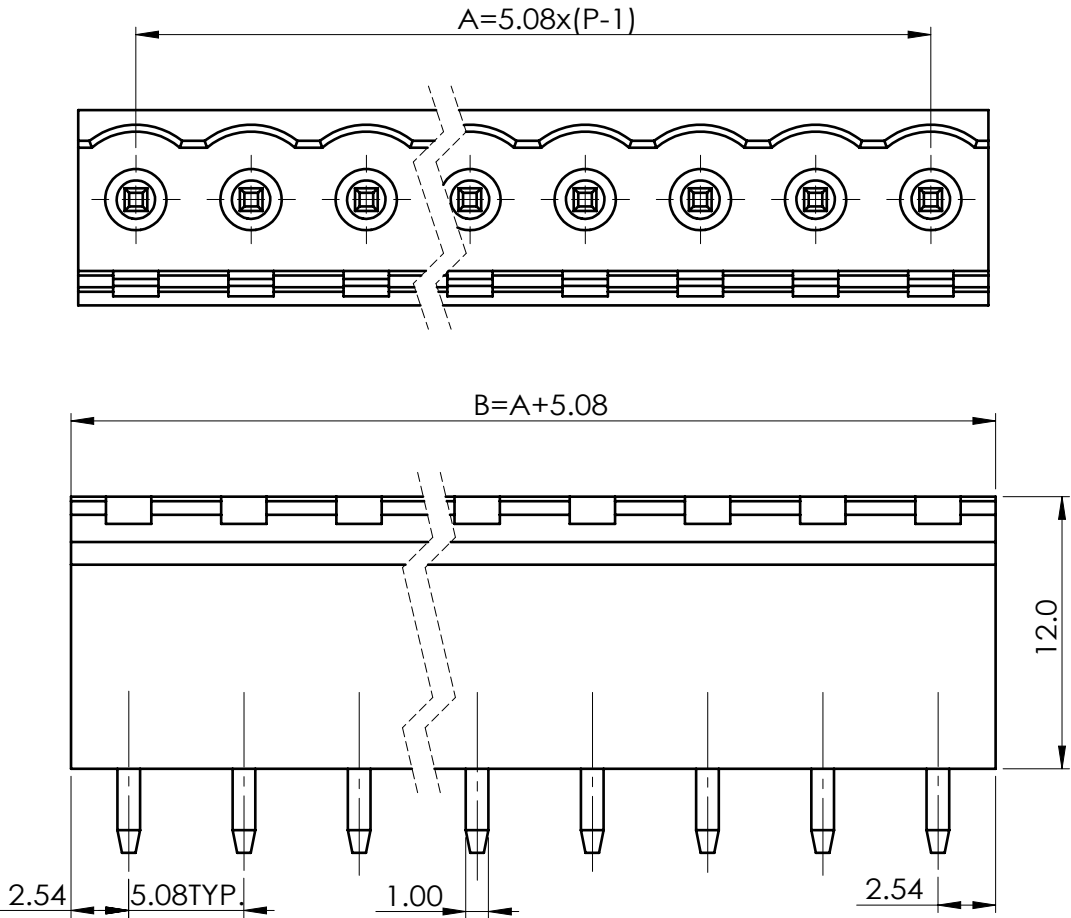
Row x Pole
1=1R *=Pole

Contact PITCH
6=5.08mm

H=HALOGEN
FREE

Package Code
D=BOX

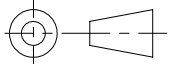
Extension Code



RECOMMENDED PCB LAYOUT

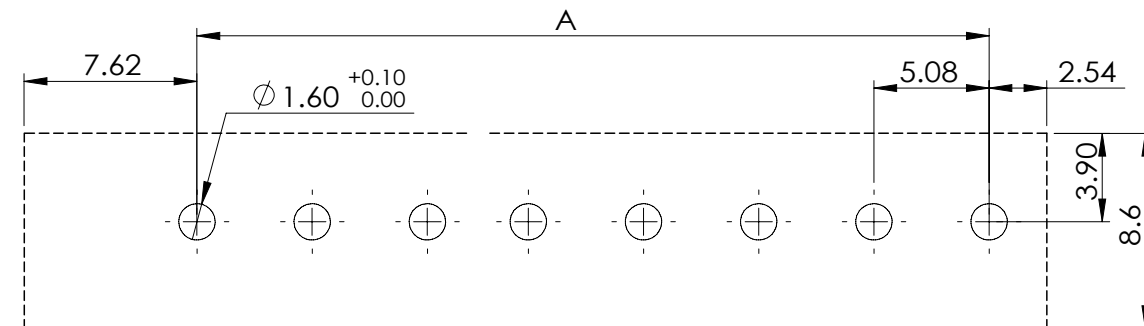
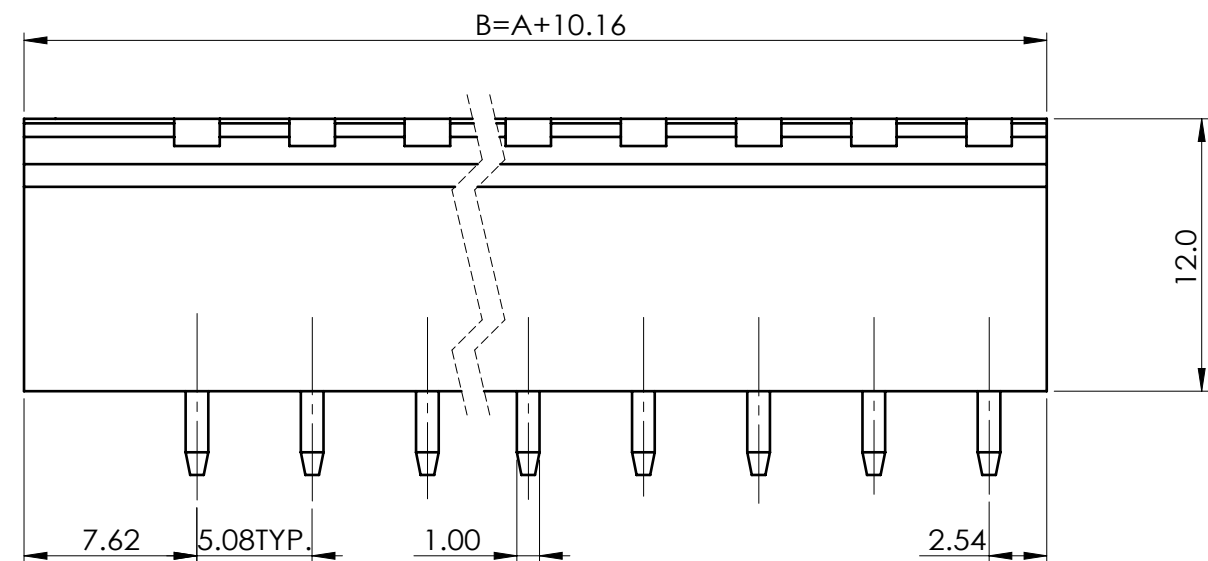
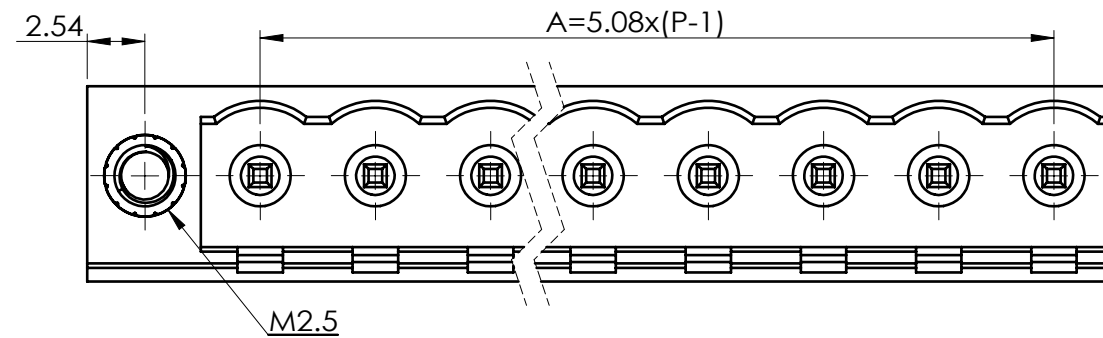
P(Pole)	2	3	4	5	6	7	8	9	10	11	12	13
A	5.08	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96
B	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96	66.04
P(Pole)	14	15	16	17	18	19	20	21	22	23	24	
A	66.04	71.12	76.2	81.28	86.36	91.44	96.52	101.6	106.68	111.76	116.84	
B	71.12	76.2	81.28	86.36	91.44	96.52	101.6	106.68	111.76	116.84	121.92	

2	Header pin	COPPER ALLOY	P
1	HOUSING	THERMOPLASTIC UL 94V-0	1
ITEM	PART NO.	MATERIAL	Q'TY

X. ±	X° ± 1°	UNITS mm	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X ± 0.35	.X° ±	MAT'L	Terminal block Conn.	
.XX ± 0.25	.XX° ±	N/A	PART NO.(INTENDED USE)TITLE:	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX ±	.XXX° ±	FINISH	TEPH1*6-13G05-**	TITLE: CUSTOMER DRAWING
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		Q'TY	CHKD: Johnny Tang 5/03'16	
			DR: Lu Qing 5/03'16	
				SCALE SHEET REV. N/A 6/16 AX1

SOLIDWORKS GENERATED DRAWING;DON'T CHANGE BY HAND!

REV.	ECN. NO.	APPD.



SPECIFICATION:

UL STANDARD

1. ELECTRICAL CHARACTERISTICS:

1-1. DIELECTRIC WITHSTANDING VOLTAGE: 2000VAC AT 1 Minute.

1-2. INSULATION RESISTANCE: 500 MEGAOHMS MIN. INITIAL.

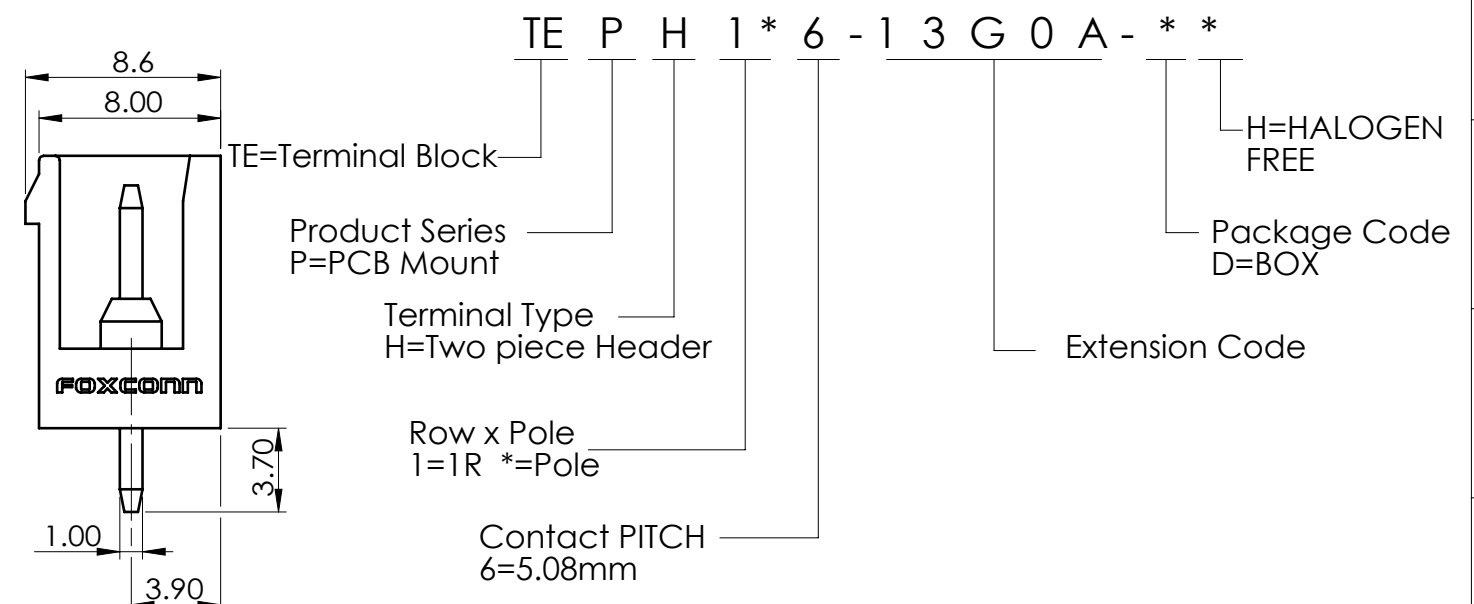
2. PERFORMANCE:

2-1. VOLTAGE RATING: 300V DC .

2-2. CURRENT RATING: 15 Amps. MAX. PER CONTACT .

2-3. OPERATING TEMPERATURE: -40°C TO +105°C.

3. PRODUCT NO. MATRIX:



RECOMMENDED PCB LAYOUT

3	NUT	COPPER ALLOY	1
2	Header pin	COPPER ALLOY	P
1	HOUSING	THERMOPLASTIC UL 94V-0	1
ITEM	PART NO.	MATERIAL	Q'TY

P(Pole)	2	3	4	5	6	7	8	9	10	11	12	13
A	5.08	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96
B	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96	66.04	71.12
P(Pole)	14	15	16	17	18	19	20	21	22	23	24	
A	66.04	71.12	76.2	81.28	86.36	91.44	96.52	101.6	106.68	111.76	116.84	
B	76.2	81.28	86.36	91.44	96.52	101.6	106.68	111.76	116.84	121.92	127	

X. ±	X° ± 1°	UNITS mm	NAME (INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X ± 0.35	.X° ±	MAT'L	Terminal block Conn.	
.XX ± 0.25	.XX° ±	N/A	PART NO. (INTENDED USE) TITLE:	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX ±	.XXX° ±	FINISH	TEPH1*6-13G0A-**	TITLE: CUSTOMER DRAWING
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT CO., LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED			APPD: Davy Bu 5/03'16	DWG NO.: 307-0000-1734
			CHKD: Johnny Tang 5/03'16	SCALE SHEET REV.
			DR: Lu Qing 5/03'16	N/A 7/16 AX1

SOLIDWORKS GENERATED DRAWING;DON'T CHANGE BY HAND!

REV.	ECN. NO.	APPD.

SPECIFICATION:

UL STANDARD

1. ELECTRICAL CHARACTERISTICS:

1-1. DIELECTRIC WITHSTANDING VOLTAGE: 2000VAC AT 1 Minute.

1-2. INSULATION RESISTANCE: 500 MEGAOHMS MIN. INITIAL.

2. PERFORMANCE:

2-1. VOLTAGE RATING: 300V DC .

2-2. CURRENT RATING:15 Amps.MAX. PER CONTACT .

2-3. OPERATING TEMPERATURE: -40°C TO +105°C.

3. PRODUCT NO.MATRIX:

TE P H 1 * 6 - 1 3 G 0 B - * *

TE=Terminal Block

Product Series
P=PCB Mount

Terminal Type
H=Two piece Header

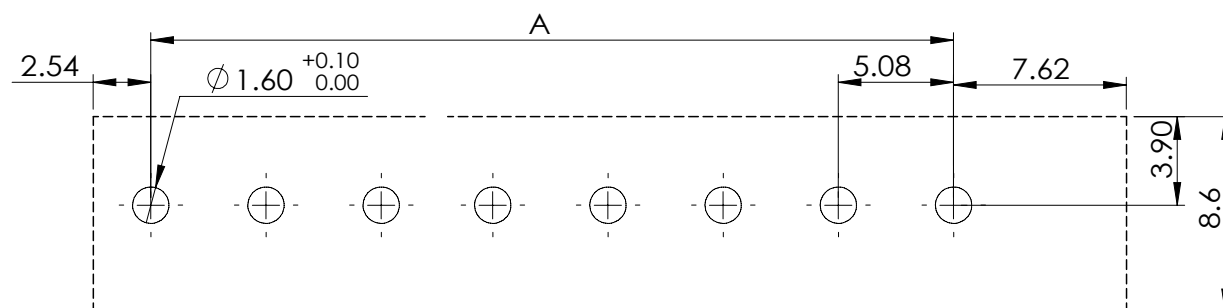
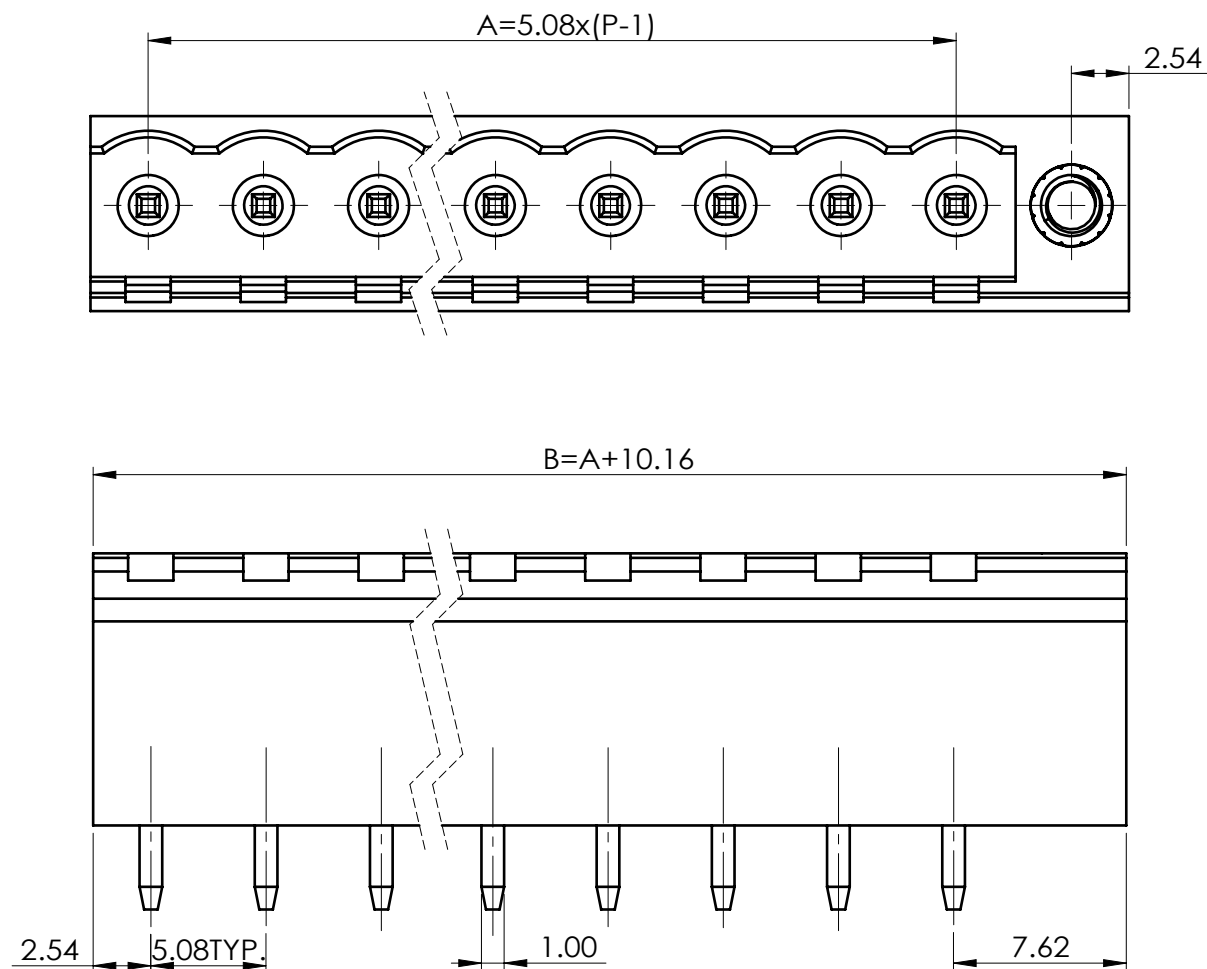
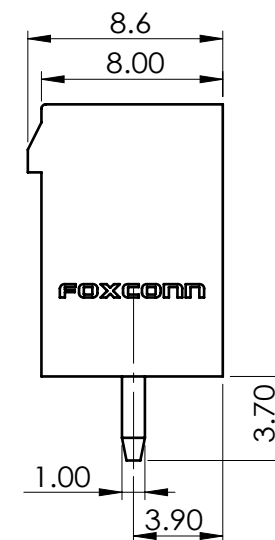
Row x Pole
1=1R *=Pole

Contact PITCH
6=5.08mm

H=HALOGEN
FREE

Package Code
D=BOX

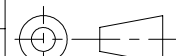
Extension Code



RECOMMENDED PCB LAYOUT

P(Pole)	2	3	4	5	6	7	8	9	10	11	12
B	5.08	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88
A	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96	66.04

3	NUT	COPPER ALLOY	1
2	Header pin	COPPER ALLOY	P
1	HOUSING	THERMOPLASTIC UL 94V-0	1
ITEM	PART NO.	MATERIAL	Q'TY

X. ±	X° ± 1°	UNITS mm	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X ± 0.35	.X° ±	MAT'L	Terminal block Conn.	
.XX ± 0.25	.XX° ±	N/A	PART NO.(INTENDED USE)TITLE:	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX ±	.XXX° ±	FINISH	TEPH1*6-13G0B-**	TITLE: CUSTOMER DRAWING
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT CO., LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED			APPD: Davy Bu 5/03'16	DWG NO.: 307-0000-1734
			CHKD: Johnny Tang 5/03'16	
			DR: Lu Qing 5/03'16	
				SCALE SHEET REV. N/A 8/16 AX1

SOLIDWORKS GENERATED DRAWING;DON'T CHANGE BY HAND!

REV.	ECN. NO.	APPD.
AX2	2016-11-18	Davy Bu

SPECIFICATION:

UL STANDARD

1. ELECTRICAL CHARACTERISTICS:

1-1. DIELECTRIC WITHSTANDING VOLTAGE: 2000VAC AT 1 Minute.

1-2. INSULATION RESISTANCE: 500 MEGAOHMS MIN. INITIAL.

2. PERFORMANCE:

2-1. VOLTAGE RATING: 300V DC .

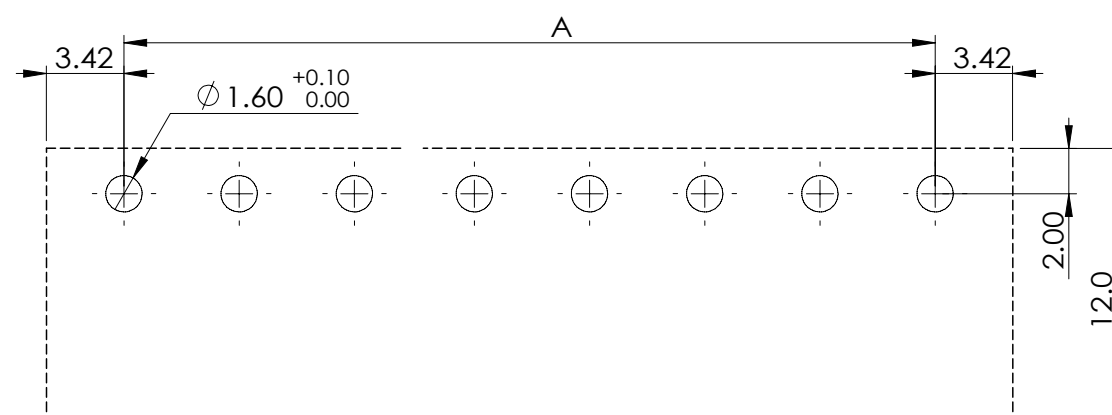
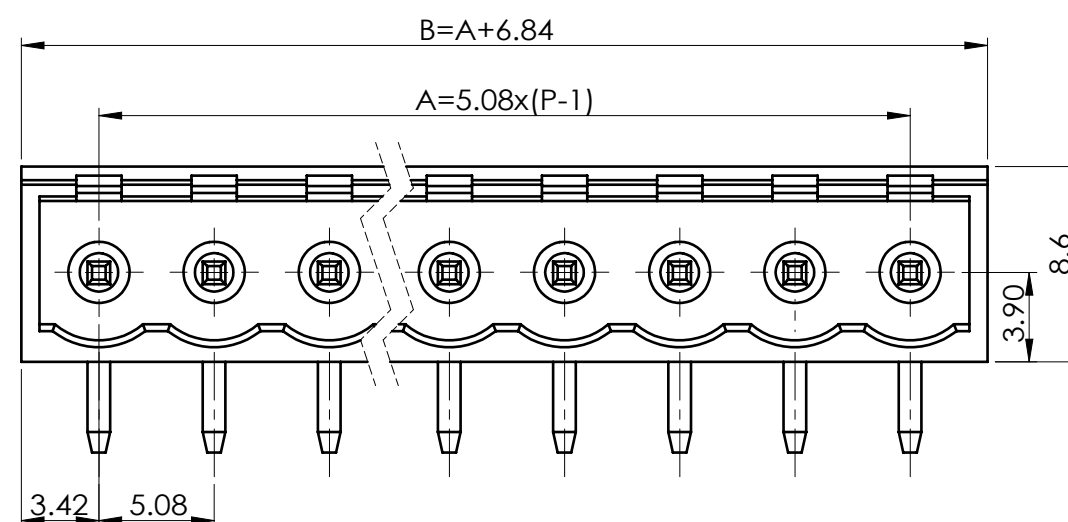
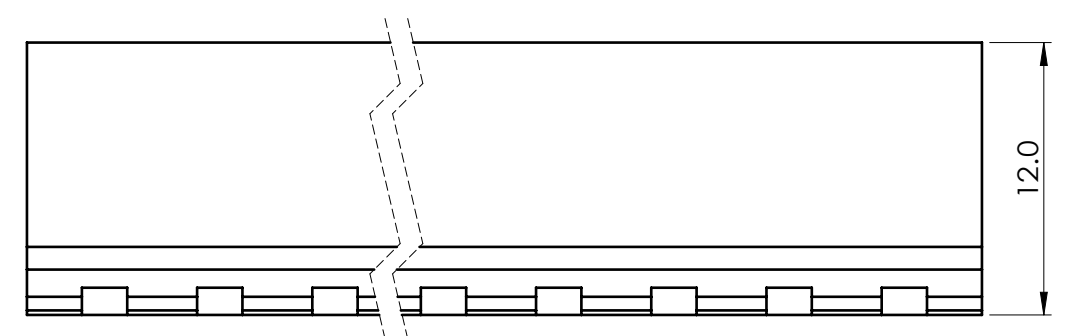
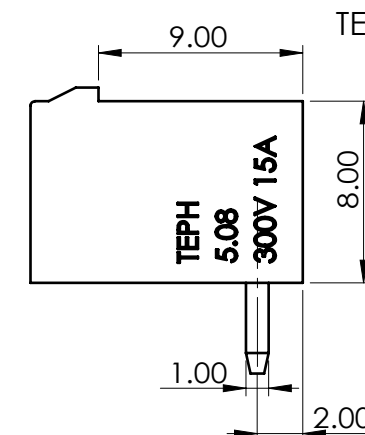
2-2. CURRENT RATING:15 Amps.MAX. PER CONTACT .

2-3. OPERATING TEMPERATURE: -40°C TO +105°C.

3. PRODUCT NO.MATRIX:

TE P H 1 * 6 - 1 3 G 1 0 - * *

TE=Terminal Block
P=PCB Mount
H=Two piece Header
1=1R *=Pole
6=5.08mm
13
G
10
-
*
*
H=HALOGEN FREE
Package Code D=BOX
Extension Code



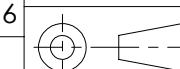
RECOMMENDED PCB LAYOUT

Pole	2	3	4	5	6	7	8	9	10	11	12	13
CODE	2	3	4	5	6	7	8	9	A	B	C	D
Pole	14	15	16	17	18	19	20	21	22	23	24	
CODE	E	F	G	H	J	K	L	M	N	P	R	

2	Header pin	COPPER ALLOY	P
1	HOUSING	THERMOPLASTIC UL 94V-0	1
ITEM	PART NO.	MATERIAL	Q'TY

P(Pole)	2	3	4	5	6	7	8	9	10	11	12	13
A	5.08	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96
B	11.92	17	22.08	27.06	32.24	37.32	42.4	47.48	52.56	57.64	62.72	67.8
P(Pole)	14	15	16	17	18	19	20	21	22	23	24	
A	66.04	71.12	76.2	81.28	86.36	91.44	96.52	101.6	106.68	111.76	116.84	
B	72.88	77.96	83.04	88.12	93.2	98.28	103.36	108.44	113.52	118.6	123.68	

X. ±	X° ± 1°	UNITS mm	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X ± 0.35	.X° ±	MAT'L	Terminal block Conn.	
.XX ± 0.25	.XX° ±	N/A	PART NO.(INTENDED USE)TITLE:	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX ±	.XXX° ±	FINISH	TEPH1*6-13G10-**	TITLE: CUSTOMER DRAWING
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT CO., LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED		Q'TY	APPD: Davy Bu 11/18'16	DWG NO.: 307-0000-1734
			CHKD: Johnny Tang 11/18'16	
			DR: Lu Qing 11/18'16	



SCALE	SHEET	REV.
N/A	9/16	AX2

SOLIDWORKS GENERATED DRAWING;DON'T CHANGE BY HAND!

REV.	ECN. NO.	APPD.

SPECIFICATION:
UL STANDARD

1. ELECTRICAL CHARACTERISTICS:
1-1. DIELECTRIC WITHSTANDING VOLTAGE: 2000VAC AT 1 Minute.
1-2. INSULATION RESISTANCE: 500 MEGAOHMS MIN. INITIAL.
2. PERFORMANCE:
2-1. VOLTAGE RATING: 300V DC .
2-2. CURRENT RATING:15 Amps.MAX. PER CONTACT .
2-3. OPERATING TEMPERATURE: -40°C TO +105°C.
3. PRODUCT NO.MATRIX:

TE P H 1 * 6 - 1 3 G 1 1 - * *

TE=Terminal Block

Product Series
P=PCB Mount

Terminal Type
H=Two piece Header

Row x Pole
1=1R *=Pole

Contact PITCH
6=5.08mm

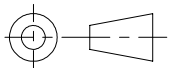
H=HALOGEN
FREE

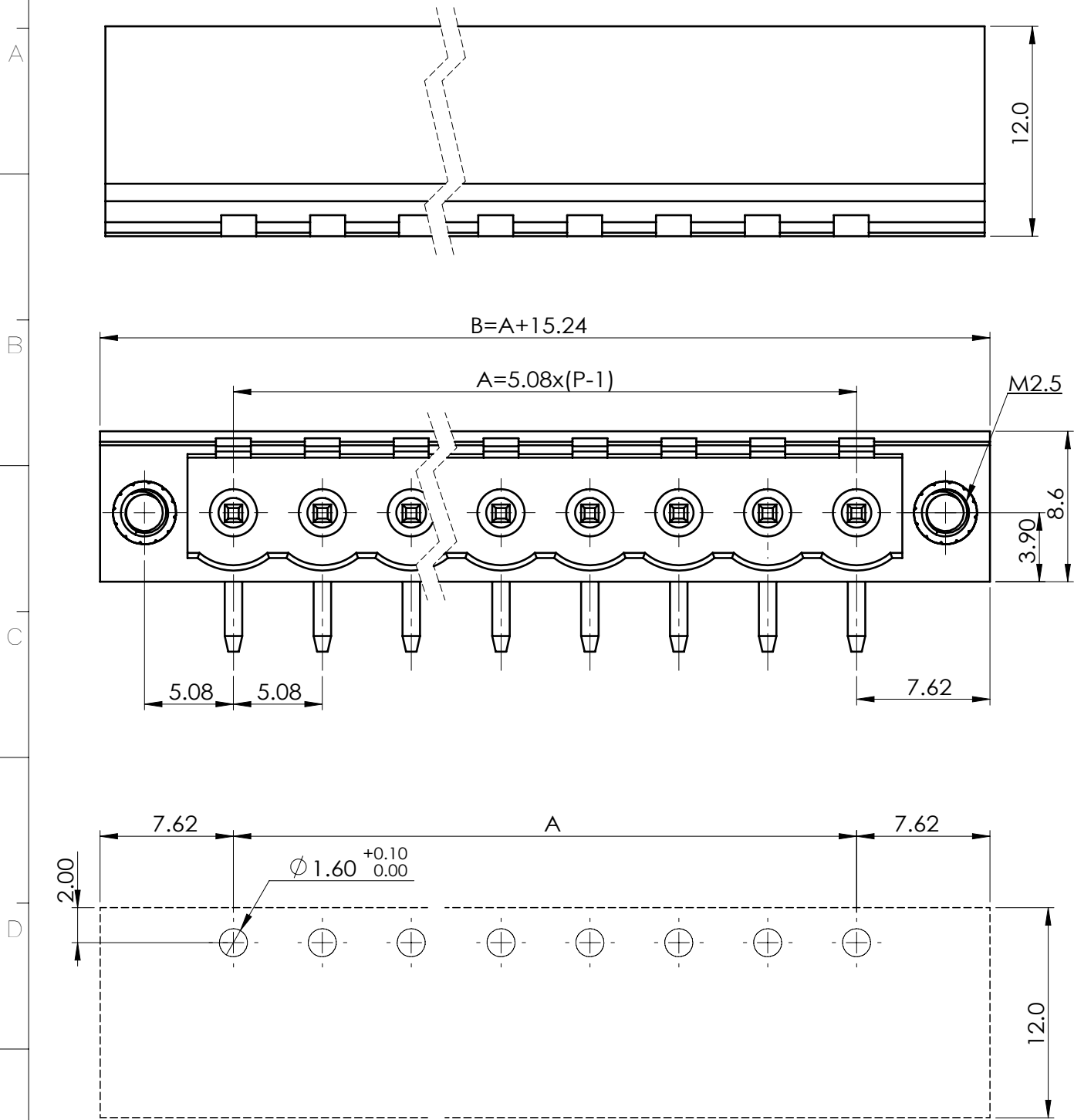
Package Code
D=BOX

Extension Code

Pole	2	3	4	5	6	7	8	9	10	11	12	13
CODE	2	3	4	5	6	7	8	9	A	B	C	D
Pole	14	15	16	17	18	19	20	21	22	23	24	
CODE	E	F	G	H	J	K	L	M	N	P	R	

3	NUT	COPPER ALLOY	2
2	Header pin	COPPER ALLOY	P
1	HOUSING	THERMOPLASTIC UL 94V-0	1
ITEM	PART NO.	MATERIAL	Q'TY

X. ±	X° ± 1°	UNITS mm	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X ± 0.35	.X° ±	MAT'L	Terminal block Conn.	
.XX ± 0.25	.XX° ±	N/A	PART NO.(INTENDED USE)TITLE:	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX ±	.XXX° ±	FINISH	TEPH1*6-13G11-**	TITLE: CUSTOMER DRAWING
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT CO., LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED			APPD: Davy Bu 9/03'16	DWG NO.: 307-0000-1734
			CHKD: Johnny Tang 9/03'16	
			DR: Lu Qing 9/03'16	
				SCALE SHEET REV. N/A 10/16 AX2



RECOMMENDED PCB LAYOUT

P(Pole)	2	3	4	5	6	7	8	9	10	11	12	13
A	5.08	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96
B	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96	66.04	71.12	76.2
P(Pole)	14	15	16	17	18	19	20	21	22	23	24	
A	66.04	71.12	76.2	81.28	86.36	91.44	96.52	101.6	106.68	111.76	116.84	
B	81.28	86.36	91.44	96.52	101.6	106.68	111.76	116.84	121.92	127	132.08	

SOLIDWORKS GENERATED DRAWING;DON'T CHANGE BY HAND!

REV.	ECN. NO.	APPD.

SPECIFICATION:

UL STANDARD

1. ELECTRICAL CHARACTERISTICS:

1-1. DIELECTRIC WITHSTANDING VOLTAGE: 2000VAC AT 1 Minute.

1-2. INSULATION RESISTANCE: 500 MEGAOHMS MIN. INITIAL.

2. PERFORMANCE:

2-1. VOLTAGE RATING: 300V DC .

2-2. CURRENT RATING:15 Amps.MAX. PER CONTACT .

2-3. OPERATING TEMPERATURE: -40°C TO +105°C.

3. PRODUCT NO.MATRIX:

TE P H 1 * 6 - 1 3 G 1 3 - * *

TE=Terminal Block

Product Series
P=PCB Mount

Terminal Type
H=Two piece Header

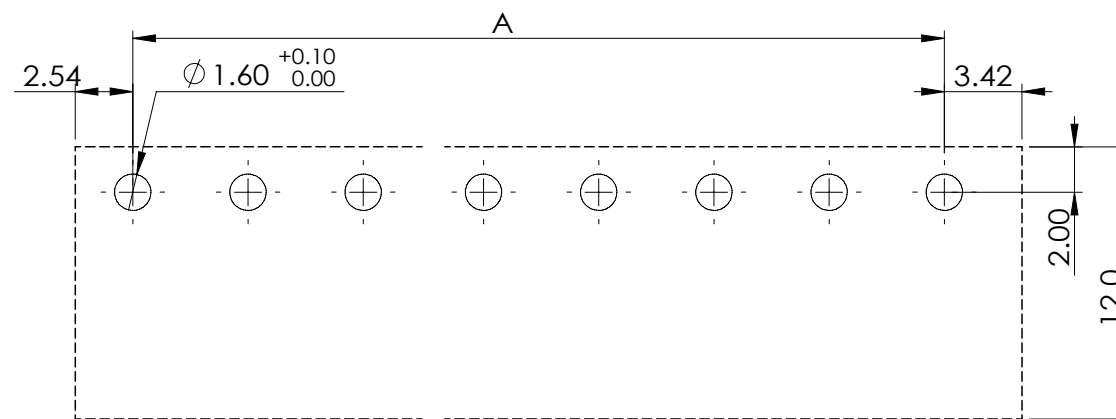
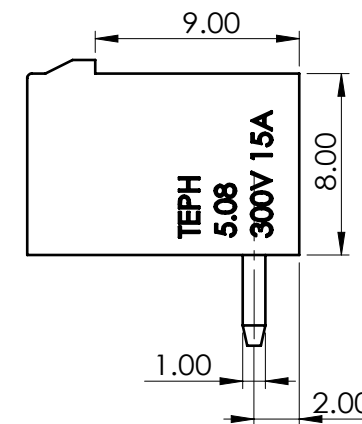
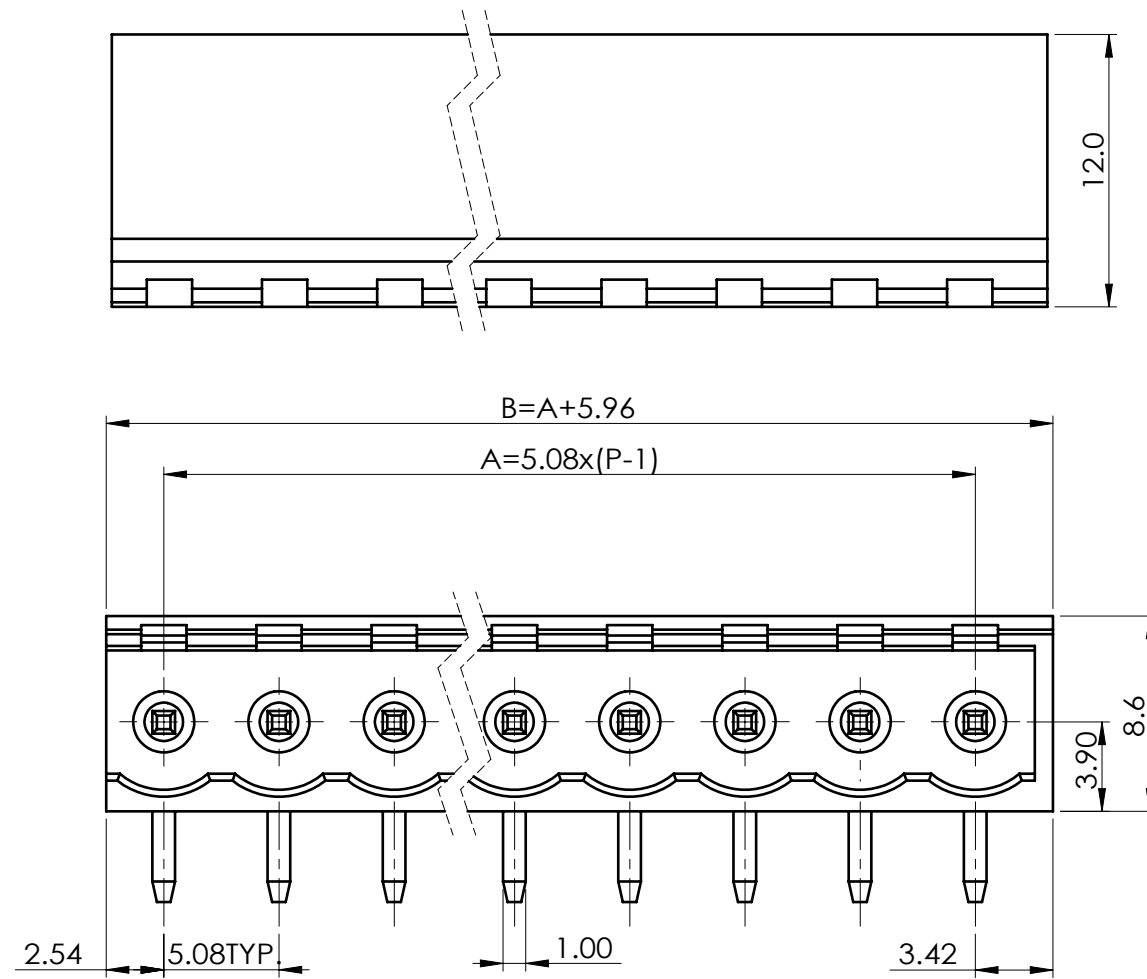
Row x Pole
1=1R *=Pole

Contact PITCH
6=5.08mm

H=HALOGEN
FREE

Package Code
D=BOX

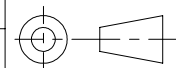
Extension Code



RECOMMENDED PCB LAYOUT

P(Pole)	2	3	4	5	6	7	8	9	10	11	12
B	5.08	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88
A	11.04	16.12	21.2	26.28	31.36	36.44	41.52	46.6	51.68	56.76	61.84

2	Header pin	COPPER ALLOY	P
1	HOUSING	THERMOPLASTIC UL 94V-0	1
ITEM	PART NO.	MATERIAL	Q'TY

X. ±	X° ± 1°	UNITS mm	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X ± 0.35	.X° ±	MAT'L	Terminal block Conn.	
.XX ± 0.25	.XX° ±	N/A	PART NO.(INTENDED USE)TITLE:	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX ±	.XXX° ±	FINISH	TEPH1*6-13G13-**	TITLE: CUSTOMER DRAWING
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT CO., LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED		APPD:	Davy Bu 5/03'16	DWG NO.: 307-0000-1734
		Q'TY	CHKD: Johnny Tang 5/03'16	
			DR: Lu Qing 5/03'16	
				SCALE N/A
				SHEET 11/16
				REV. AX1

SOLIDWORKS GENERATED DRAWING;DON'T CHANGE BY HAND!

REV.	ECN. NO.	APPD.

SPECIFICATION:

UL STANDARD

1. ELECTRICAL CHARACTERISTICS:

1-1. DIELECTRIC WITHSTANDING VOLTAGE: 2000VAC AT 1 Minute.

1-2. INSULATION RESISTANCE: 500 MEGAOHMS MIN. INITIAL.

2. PERFORMANCE:

2-1. VOLTAGE RATING: 300V DC .

2-2. CURRENT RATING:15 Amps.MAX. PER CONTACT .

2-3. OPERATING TEMPERATURE: -40°C TO +105°C.

3. PRODUCT NO.MATRIX:

TE P H 1 * 6 - 1 3 G 1 4 - * *

TE=Terminal Block

Product Series
P=PCB Mount

Terminal Type
H=Two piece Header

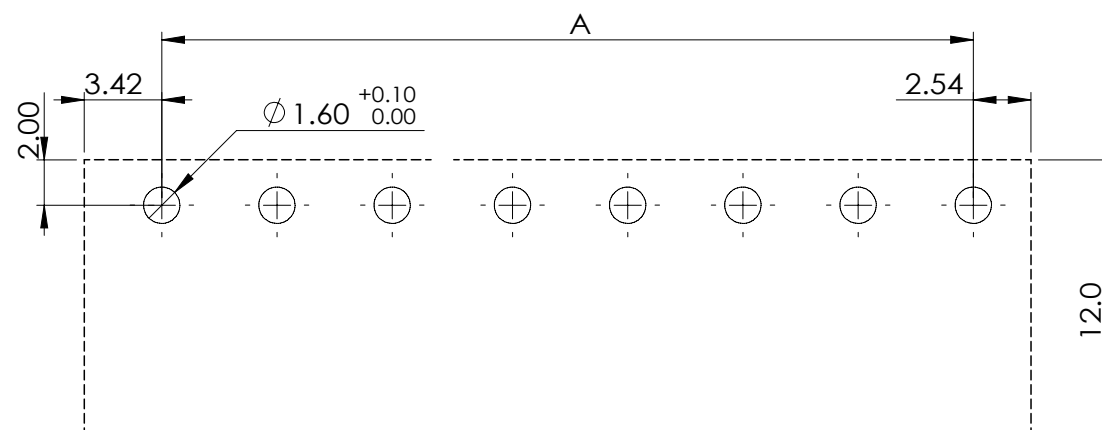
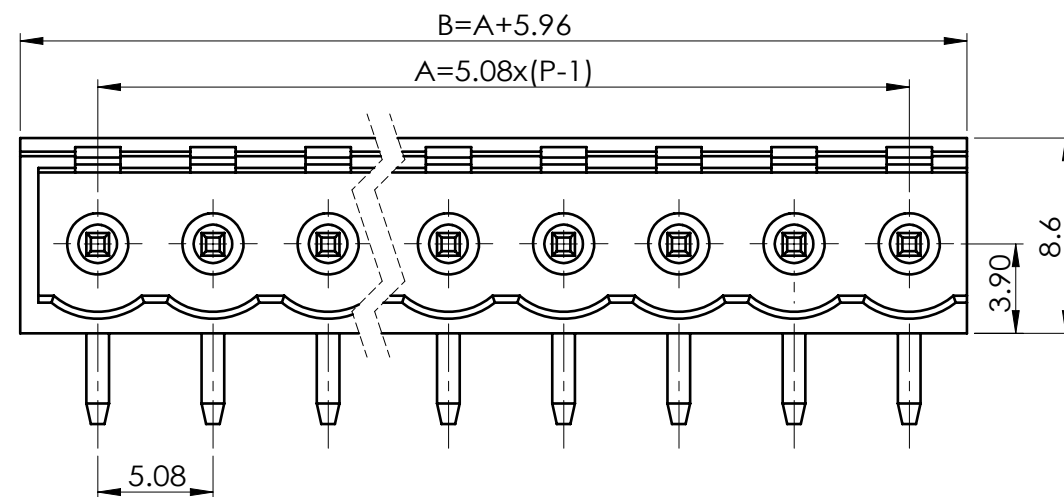
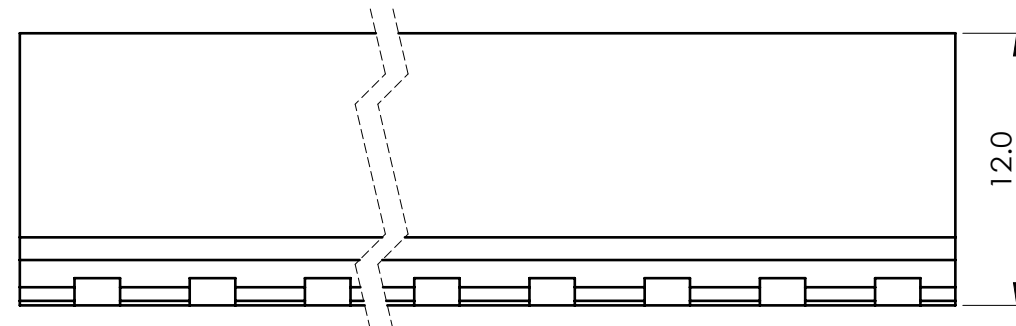
Row x Pole
1=1R *=Pole

Contact PITCH
6=5.08mm

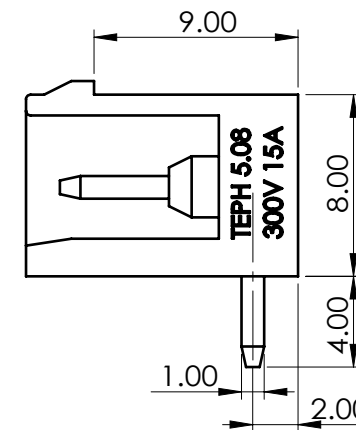
H=HALOGEN
FREE

Package Code
D=BOX

Extension Code

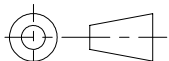


RECOMMENDED PCB LAYOUT



P(Pole)	2	3	4	5	6	7	8	9	10	11	12
B	5.08	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88
A	11.04	16.12	21.2	26.28	31.36	36.44	41.52	46.6	51.68	56.76	61.84

2	Header pin	COPPER ALLOY	P
1	HOUSING	THERMOPLASTIC UL 94V-0	1
ITEM	PART NO.	MATERIAL	Q'TY

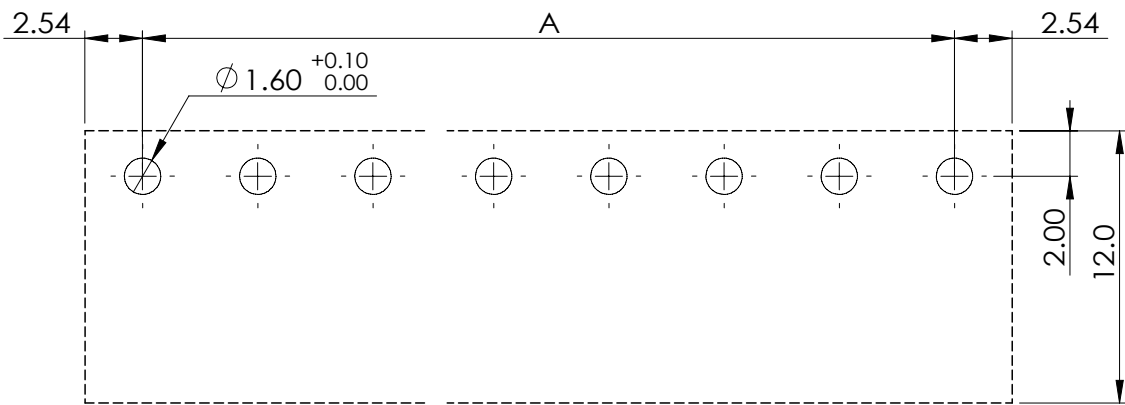
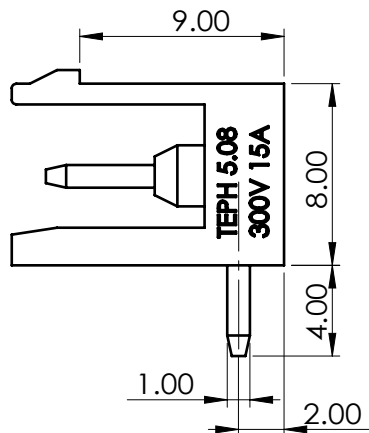
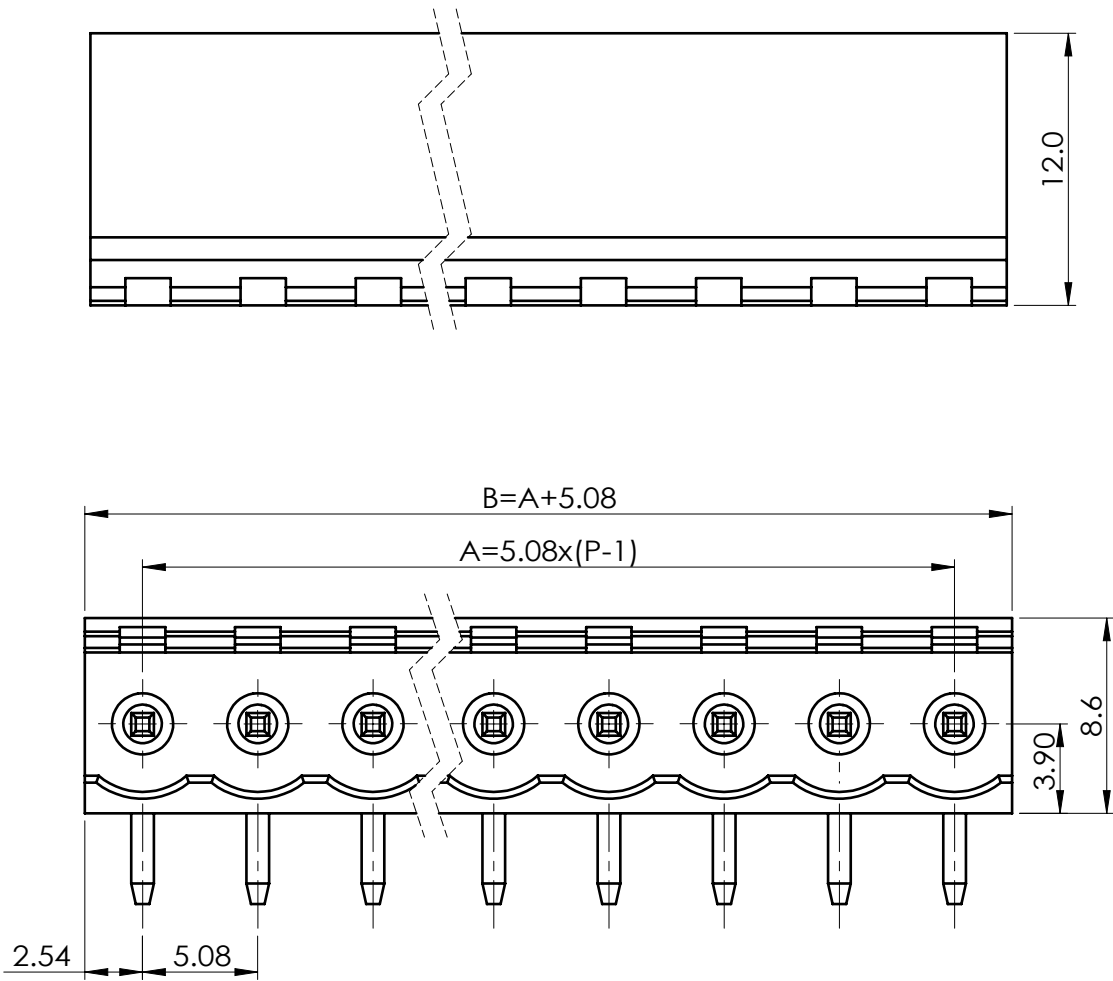
X. ±	X° ± 1°	UNITS mm	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X ± 0.35	.X° ±	MAT'L	Terminal block Conn.	
.XX ± 0.25	.XX° ±	N/A	PART NO.(INTENDED USE)TITLE:	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX ±	.XXX° ±	FINISH	TEPH1*6-13G14-**	TITLE: CUSTOMER DRAWING
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			CHKD: Johnny Tang 5/03'16	
			DR: Lu Qing 5/03'16	
				SCALE N/A
				SHEET 12/16
				REV. AX1

SOLIDWORKS GENERATED DRAWING;DON'T CHANGE BY HAND!

REV.	ECN. NO.	APPD.

SPECIFICATION:
UL STANDARD
1. ELECTRICAL CHARACTERISTICS:
1-1. DIELECTRIC WITHSTANDING VOLTAGE: 2000VAC AT 1 Minute.
1-2. INSULATION RESISTANCE: 500 MEGAOHMS MIN. INITIAL.
2. PERFORMANCE:
2-1. VOLTAGE RATING: 300V DC .
2-2. CURRENT RATING:15 Amps.MAX. PER CONTACT .
2-3. OPERATING TEMPERATURE: -40°C TO +105°C.
3. PRODUCT NO.MATRIX:

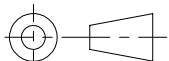
TE P H 1 * 6 - 1 3 G 1 5 - * *
TE=Terminal Block
Product Series
P=PCB Mount
Terminal Type
H=Two piece Header
Row x Pole
1=1R *=Pole
Contact PITCH
6=5.08mm
H=HALOGEN FREE
Package Code
D=BOX
Extension Code



RECOMMENDED PCB LAYOUT

P(Pole)	2	3	4	5	6	7	8	9	10	11	12
B	5.08	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88
A	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96

2	Header pin	COPPER ALLOY	P
1	HOUSING	THERMOPLASTIC UL 94V-0	1
ITEM	PART NO.	MATERIAL	Q'TY

X. ±	X° ± 1°	UNITS mm	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X ± 0.35	.X° ±	MAT'L	Terminal block Conn.	
.XX ± 0.25	.XX° ±	N/A	PART NO.(INTENDED USE)TITLE:	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX ±	.XXX° ±	FINISH	TEPH1*6-13G15-**	TITLE: CUSTOMER DRAWING
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			CHKD: Johnny Tang 5/03'16	
			DR: Lu Qing 5/03'16	
				SCALE N/A
				SHEET 13/16
				REV. AX1

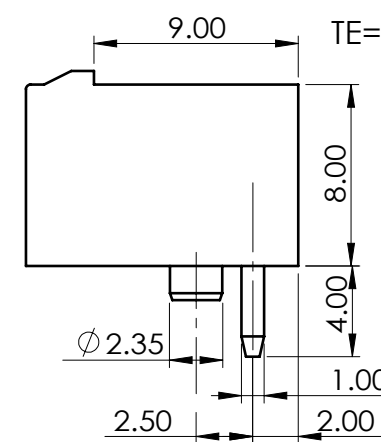
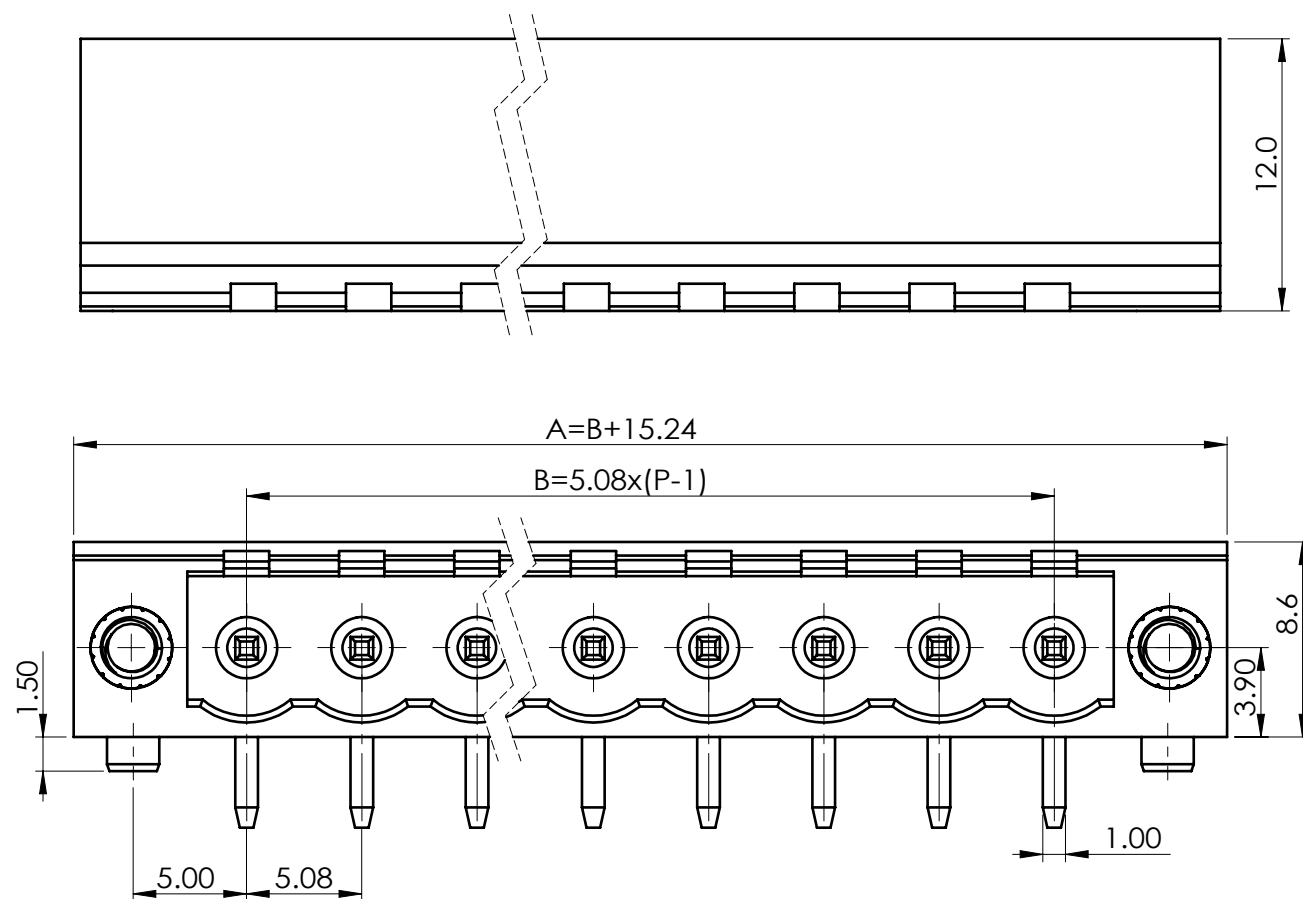
SOLIDWORKS GENERATED DRAWING;DON'T CHANGE BY HAND!

REV.	ECN. NO.	APPD.
AX2	2016-11-18	Davy Bu

SPECIFICATION:

UL STANDARD

1. ELECTRICAL CHARACTERISTICS:
 - 1-1. DIELECTRIC WITHSTANDING VOLTAGE: 2000VAC AT 1 Minute.
 - 1-2. INSULATION RESISTANCE: 500 MEGAOHMS MIN. INITIAL.
2. PERFORMANCE:
 - 2-1. VOLTAGE RATING: 300V DC .
 - 2-2. CURRENT RATING:15 Amps.MAX. PER CONTACT .
 - 2-3. OPERATING TEMPERATURE: -40°C TO +105°C.
3. PRODUCT NO.MATRIX:



TE P H 1 * 6 - 1 3 G 1 7 - D H

=Terminal Block-

Product Series
P=PCB Mount

Terminal Type
H=Two piece Header

Row x Pole_
1=1R *=Pole

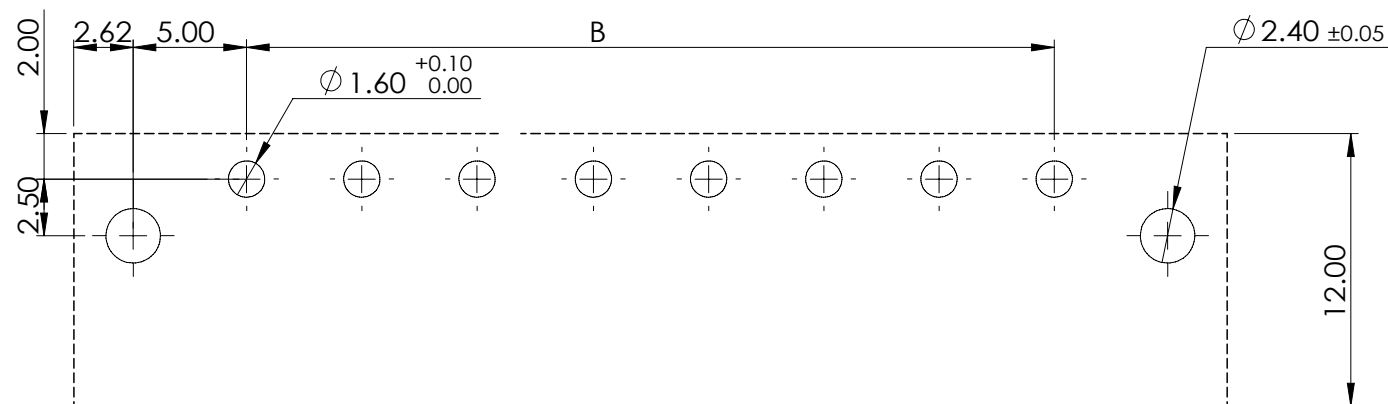
Contact PITCH
6=5.08mm

H=HALOGEN
FREE

Package Code	
D=BOX	

Extension Code

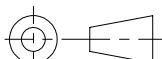
Pole	2	3	4	5	6	7	8	9	10	11	12	13
CODE	2	3	4	5	6	7	8	9	A	B	C	D
Pole	14	15	16	17	18	19	20	21	22	23	24	
CODE	E	F	G	H	J	K	L	M	N	P	R	



RECOMMENDED PCB LAYOUT

P(Pole)	2	3	4	5	6	7	8	9	10	11	12	13
A	5.08	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96
B	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96	66.04	71.12	76.2
P(Pole)	14	15	16	17	18	19	20	21	22	23	24	
A	66.04	71.12	76.2	81.28	86.36	91.44	96.52	101.6	106.68	111.76	116.84	
B	81.28	86.36	91.44	96.52	101.6	106.68	111.76	116.84	121.92	127	132.08	

3	NUT	COPPER ALLOY	2
2	Header pin	COPPER ALLOY	P
1	HOUSING	THERMOPLASTIC UL 94V-0	1
ITEM	PART NO.	MATERIAL	Q'TY

X. ±	X.° ± 1°	UNITS mm	NAME(INTENDED USE)	FOXCONN®			
.X ± 0.35	.X °±	MAT'L	Terminal block Conn.	FOXCONN INTERCONNECT TECHNOLOGY LIMITED.			
.XX ± 0.25	.XX ° ±	N/A	PART NO.(INTENDED USE)TITLE:	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL			
.XXX ±	.XXX ° ±	FINISH	TEPH1*6-13G17-**	TITLE: CUSTOMER DRAWING			
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT CO., LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED			APPD: Davy Bu 11/18'16	DWG NO.: 307-0000-1734			
		Q'TY	CHKD: Johnny Tang 11/18'16				
			DR: Lu Qing 11/18'16		SCALE N/A	SHEET 14/16	REV. AX2

SOLIDWORKS GENERATED DRAWING;DON'T CHANGE BY HAND!

REV.	ECN. NO.	APPD.

SPECIFICATION:
UL STANDARD

1. ELECTRICAL CHARACTERISTICS:

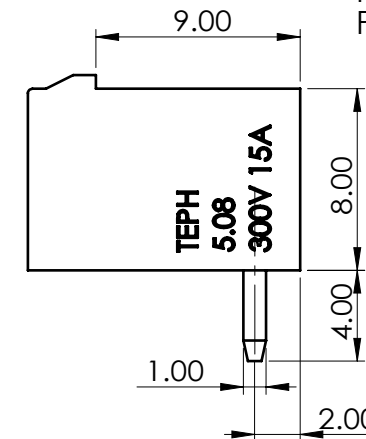
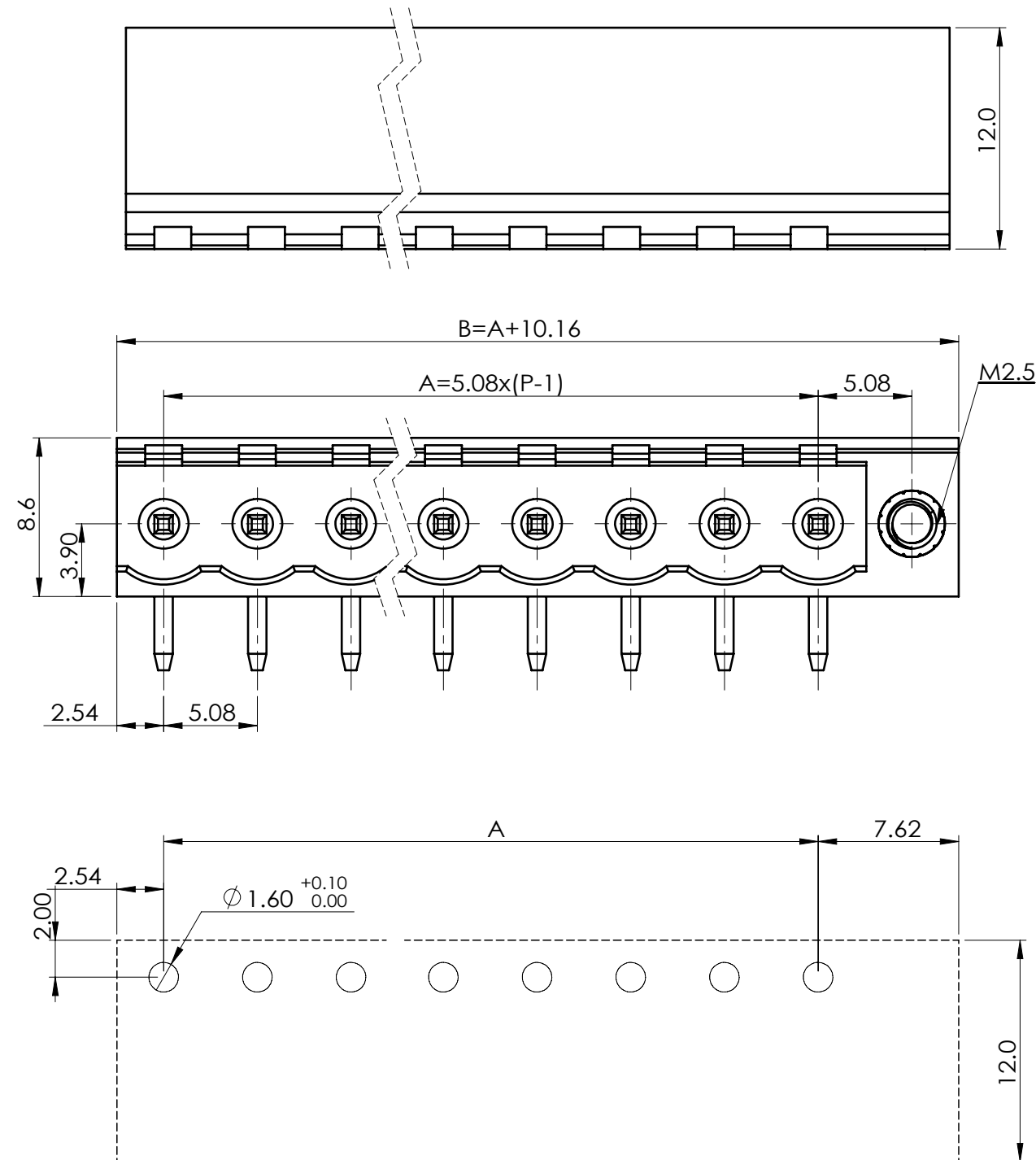
- 1-1. DIELECTRIC WITHSTANDING VOLTAGE: 2000VAC AT 1 Minute.
1-2. INSULATION RESISTANCE: 500 MEGAOHMS MIN. INITIAL.

2. PERFORMANCE:

- 2-1. VOLTAGE RATING: 300V DC .
2-2. CURRENT RATING:15 Amps.MAX. PER CONTACT .
2-3. OPERATING TEMPERATURE: -40°C TO +105°C.

3. PRODUCT NO.MATRIX:

TE	P	H	1	*	6	-	1	3	G	1	A	-	*	*
TE=Terminal Block	Product Series P=PCB Mount	Terminal Type H=Two piece Header	Row x Pole 1=1R *=Pole	Contact PITCH 6=5.08mm									H=HALOGEN FREE	Package Code D=BOX
													Extension Code	



RECOMMENDED PCB LAYOUT

P(Pole)	2	3	4	5	6	7	8	9	10	11	12
B	5.08	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88
A	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96	66.04

3	NUT	COPPER ALLOY	1
2	Header pin	COPPER ALLOY	P
1	HOUSING	THERMOPLASTIC UL 94V-0	1
ITEM	PART NO.	MATERIAL	Q'TY

X. ±	X° ± 1°	UNITS mm	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X ± 0.35	.X° ±	MAT'L	Terminal block Conn.	
.XX ± 0.25	.XX° ±	N/A	PART NO.(INTENDED USE)TITLE:	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX ±	.XXX° ±	FINISH	TEPH1*6-13G1A-**	TITLE: CUSTOMER DRAWING
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			CHKD: Johnny Tang 5/03'16	SCALE SHEET REV.
			DR: Lu Qing 5/03'16	N/A 15/16 AX1

SOLIDWORKS GENERATED DRAWING;DON'T CHANGE BY HAND!

REV.	ECN. NO.	APPD.

SPECIFICATION:

UL STANDARD

1. ELECTRICAL CHARACTERISTICS:

1-1. DIELECTRIC WITHSTANDING VOLTAGE: 2000VAC AT 1 Minute.

1-2. INSULATION RESISTANCE: 500 MEGAOHMS MIN. INITIAL.

2. PERFORMANCE:

2-1. VOLTAGE RATING: 300V DC .

2-2. CURRENT RATING:15 Amps.MAX. PER CONTACT .

2-3. OPERATING TEMPERATURE: -40°C TO +105°C.

3. PRODUCT NO.MATRIX:

TE P H 1 * 6 - 1 3 G 1 B - * *

TE=Terminal Block

Product Series
P=PCB Mount

Terminal Type
H=Two piece Header

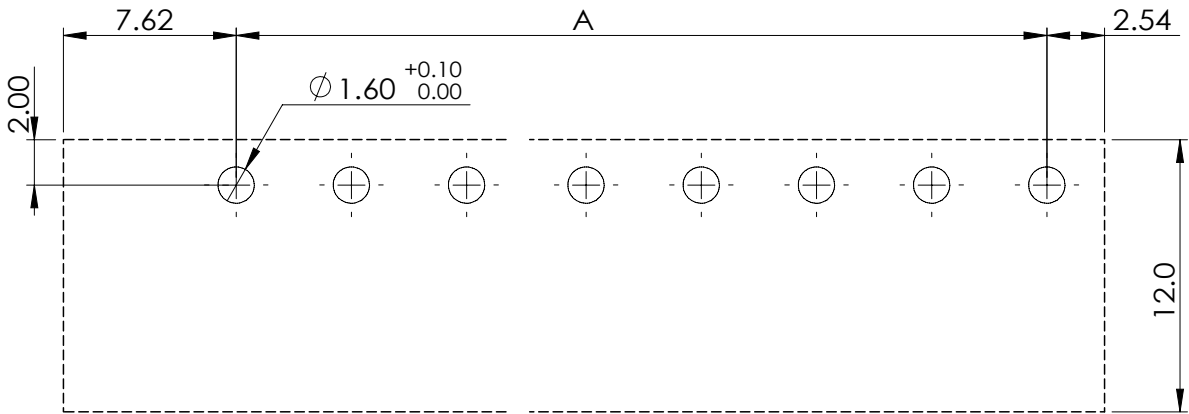
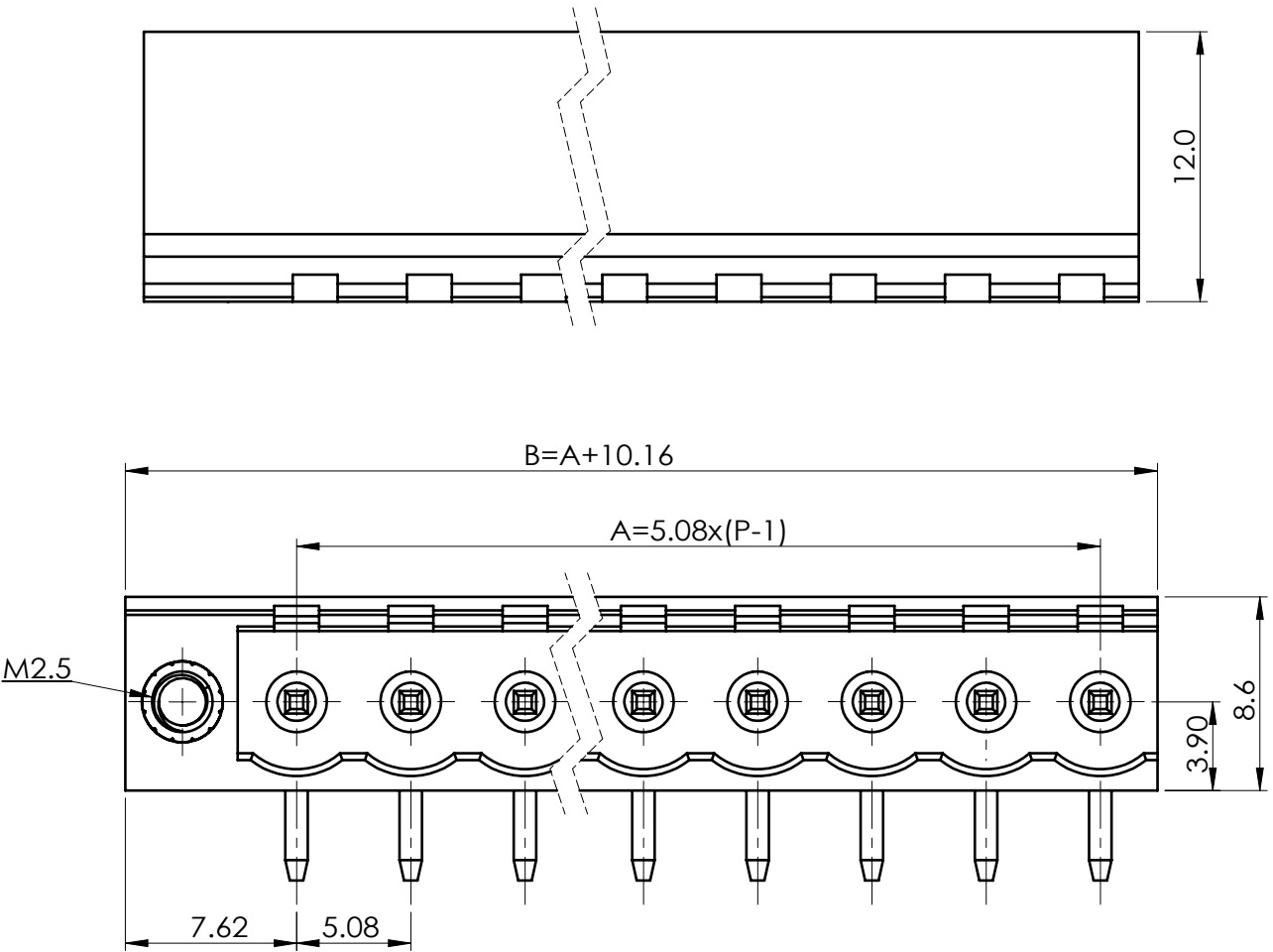
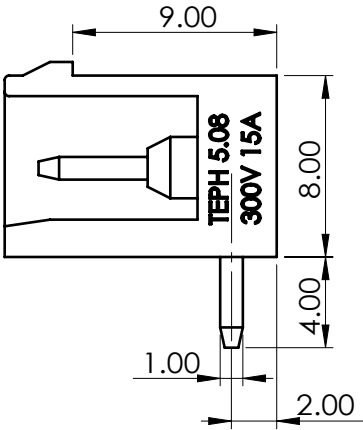
Row x Pole
1=1R *=Pole

Contact PITCH
6=5.08mm

H=HALOGEN
FREE

Package Code
D=BOX

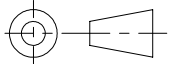
Extension Code



RECOMMENDED PCB LAYOUT

P(Pole)	2	3	4	5	6	7	8	9	10	11	12
B	5.08	10.16	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88
A	15.24	20.32	25.4	30.48	35.56	40.64	45.72	50.8	55.88	60.96	66.04

3	NUT	COPPER ALLOY	1
2	Header pin	COPPER ALLOY	P
1	HOUSING	THERMOPLASTIC UL 94V-0	1
ITEM	PART NO.	MATERIAL	Q'TY

X. ±	X° ± 1°	UNITS mm	NAME(INTENDED USE)	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X ± 0.35	.X° ±	MAT'L	Terminal block Conn.	
.XX ± 0.25	.XX° ±	N/A	PART NO.(INTENDED USE)TITLE:	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX ±	.XXX° ±	FINISH	TEPH1*6-13G1B-**	TITLE: CUSTOMER DRAWING
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			CHKD: Johnny Tang 5/03'16	
			DR: Lu Qing 5/03'16	
				SCALE SHEET REV. N/A 16/16 AX1