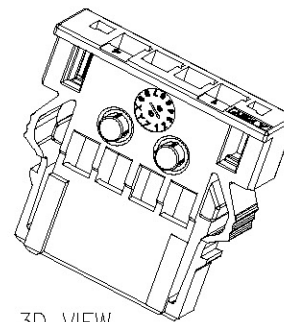
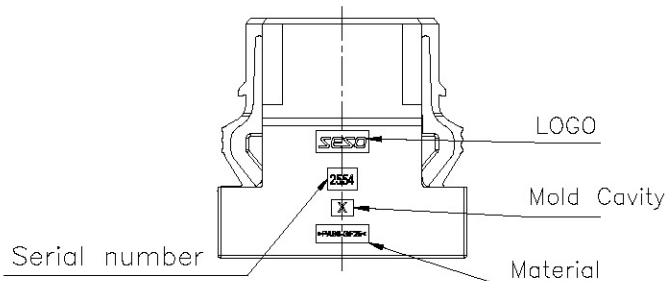
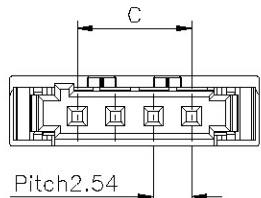
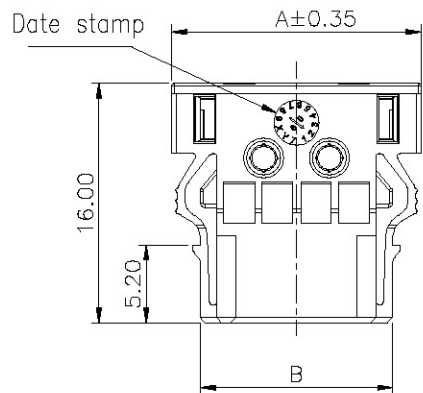
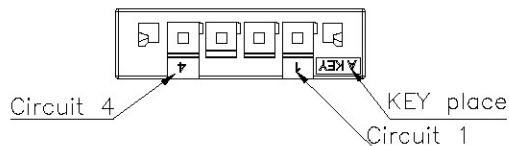
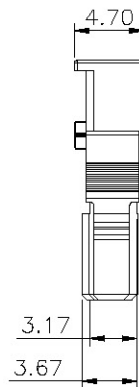


RoHS

This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



3D VIEW



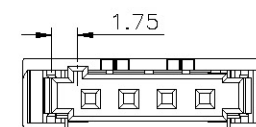
Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
2	11.54	7.74	2.54	9	29.32	25.52	20.32
3	14.08	10.28	5.08	10	31.86	28.06	22.86
4	16.62	12.82	7.62	11	34.40	30.60	25.40
5	19.16	15.36	10.16	12	36.94	33.14	27.94
6	21.70	17.90	12.70	13	39.48	35.68	30.48
7	24.24	20.44	15.24	14	42.02	38.22	33.02
8	26.78	22.98	17.78	15	44.56	40.76	35.56

Specifications :

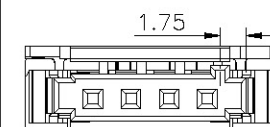
- Voltage rating: 500V AC/DC
- Current rating: 12A(Per PIN) Max.. AC/DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: $\geq 100M\Omega$
- Contact resistance: $\leq 20m\Omega$
- Mates With SESO Terminal: 2554TX-HSW1-A
- Mates With SESO Wafer: 2554WVS-XXX&2554WRS-XXX
- Mates With SESO TPA: T2554-XXA-N0XX
- Product Specification: PS-2554-01
- Packaging: see SESO drawing PK-2554A

2554 A- XX X-N0 XX
① ② ③ ④ ⑤ ⑥

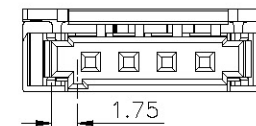
- ① Series No.: 2554
- ② Category: A-HSG finished products of secondary lock catch
- ③ Row No.-Pin No: XX-Single row 02~15Pin
- ④ Key code: A-Key A , B-Key B C-Key C , D-Key D
- ⑤ Plastic Material: N0-PA66 UL94V-0
- ⑥ Color: BK-Black; BL-BLUE; GR-GREEN; RE-RED



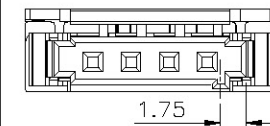
Key A



Key B



Key C



Key D

A

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	GENERAL TOLERANCE				PART NO.			
						.X ±0.35	.XX ±0.25	.XXX±0.15	X' ±2'	2554A-XXX-N0XX			
20240122	A1	EN20240115004	version upgrade	Zee.Wang	Jack Zhang	PROJECT				TITLE			
20240109	A0	/	Initial release	/	Jack Zhang								
						APPROVAL				Pitch 2.54mm WTB CONN			
						Jack Zhang				UNIT			
						Larry Yang				SCALE			
						Zee.Wang				SHEET			
						2023/03/30				REV			
										NUMBER			
										CD			

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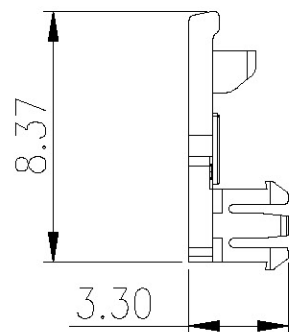
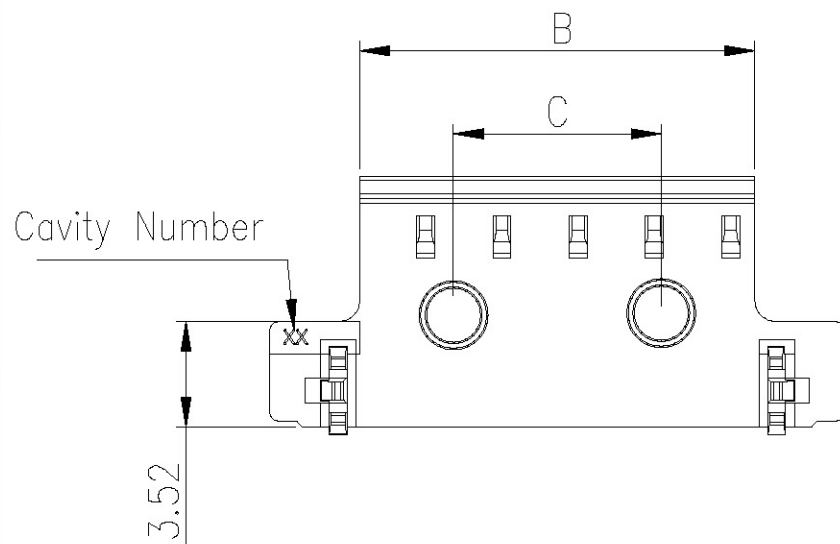
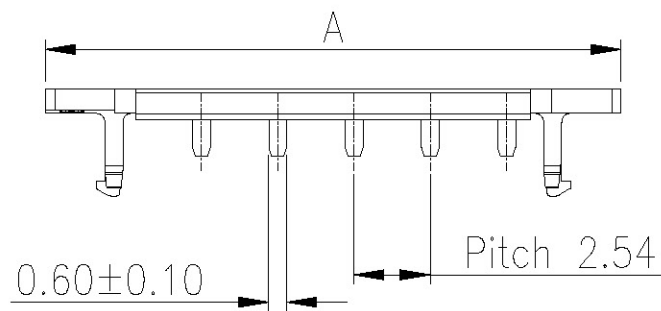
PART NO.
2554A-XXX-N0XX

TITLE
Pitch 2.54mm WTB CONN

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A1	CD

RoHS

This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



Specifications :

- Voltage rating: 500 V AC/DC
- Current rating: 12A Max. AC/DC;
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: >1000M Ω
- Contact resistance: <20m Ω
- Mates With SESO HSG: 2554A-2*XXX-NOXX/2554A-XXX-NOXX
- Product Specification: PS-2554-01
- Packaging: see SESO drawing PK-T2554

I 2554- XX A-NO XX
① ② ③ ④ ⑤ ⑥

- ① Category: TPA
- ② Series No.: 2554
- ③ Row No.-Pin No.: XX-Single Row XXPin
- ④ Special code: A
- ⑤ Plastic Material: NO-PA66 UL94V-0
- ⑥ Color: BK-Black; BL-Blue; GR-Green; RE-red

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
2	11.54	5.54	2.54	16	47.10	41.10	34.86
3	14.08	8.08	3.70	17	49.64	43.64	37.40
4	16.62	10.62	4.38	18	52.18	46.18	39.94
5	19.16	13.16	6.92	19	54.72	48.72	42.48
6	21.70	15.70	9.46	20	57.26	51.26	45.02
7	24.24	24.24	12.00	21	59.80	53.80	47.56
8	26.78	20.78	14.54	22	62.34	56.34	50.10
9	29.32	23.32	17.08	23	64.88	58.88	52.64
10	31.86	25.86	19.62	24	67.42	61.42	55.18
11	34.40	28.40	22.16	25	69.96	63.96	57.72
12	36.94	30.94	24.70	26	72.50	66.50	60.26
13	39.48	33.48	27.24	27	75.04	69.04	62.80
14	42.02	36.02	29.78	28	77.58	71.58	65.34
15	44.56	38.56	32.32				

GENERAL TOLERANCE

.X ± 0.35
.XX ± 0.25
.XXX ± 0.15
.X' $\pm 2'$

PROJECT



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Dongguan SESO Technology Co.,Ltd.

APPROVAL CHECK DRAWN DATE

Jack Zhang Larry Yang Zee.Wang 2024/01/16

PART NO.
T2554-XXA-NOXX

TITLE
2.54mm PITCH TPA

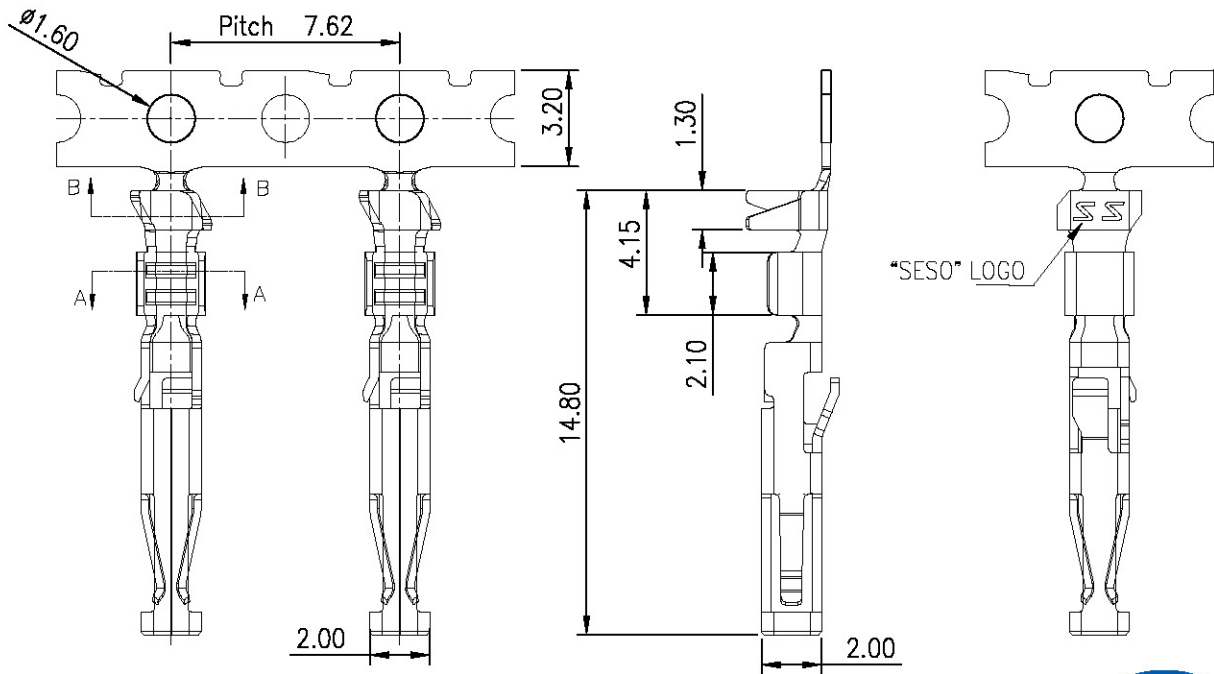
UNIT	SCALE	SHEET	REV	NUMBER
mm	2:1	1/1	X0	CD

20240118	X0	/	Initial release	/	Jack Zhang
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DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
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RoHS

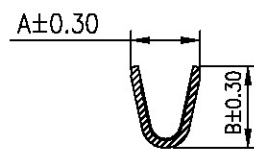
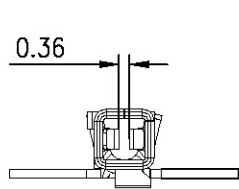
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules

**Specifications :**

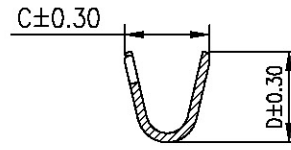
- Voltage rating: 500 V Max. AC/DC
- Current rating: 12A Max. AC/DC MAX;
- Withstanding voltage: 1000V AC/minute
- Temperature range: $-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$
- Insulation resistance: $>1000\text{M}\Omega$
- Contact resistance: $<20\text{m}\Omega$
- Mates With SESO Housing: 2554A
- Product Specification: PS-2554-01
- Packaging: see SESO drawing PK-2554T

2554 I X - H GW01 - A
① ② ③ ④ ⑤ ⑥

- ① Series No.
② Category: T-Terminal
③ Appearance type:
Blank-Ordinary; H-High feet; L-Low feet
④ Material: H-Copper Alloy
⑤ Plating Process: GW01-Contact area:Gold Flash;
Underplate:Ni 40~120u"(1~3um);
Top Plating:Sn 80~200u"(2~5um)
⑥ Special code: A



SECTION A-A
SCALE 1:1



SECTION B-B
SCALE 1:1



2554TH-HGW01-A	Copper Alloy	AWG#18 (0.85mm ²)	$\phi 1.80\text{mm MAX}$	2.70	3.00	2.95	2.95
2554T-HGW01-A		AWG#20~22 (0.35~0.50mm ²)	$\phi 1.60\text{mm MAX}$	2.50	2.45	2.50	2.70
2554TL-HGW01-A		AWG#24~26 (0.15~0.22mm ²)	$\phi 1.30\text{mm Max}$	1.80	1.70	2.20	2.05
P/N	Material	Wire	insulation O.D.	DIM A	DIM B	DIM C	DIM D

20231127	X3	ER20231127002	version upgrade	ZEE.WANG	Larry Yang
20230731	X2	ER20230719001	Optimize the shrapnel and wiring area	ZEE.WANG	Larry Yang
20230519	X1	ER20230519001	Optimize the surface	ZEE.WANG	Larry Yang
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

GENERAL TOLERANCE
.X ± 0.35
.XX ± 0.25
.XXX ± 0.15
X. $\pm 2^{\circ}$
PROJECT

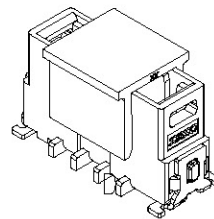
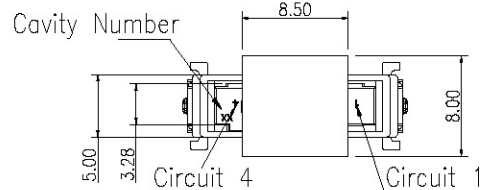
SMS 东莞市思索技术股份有限公司
Dongguan SESO Technology Co.,Ltd.

APPROVAL	CHECK	DRAWN	DATE
Jack Zhang	Larry Yang	ZEE.WANG	2022/11/28

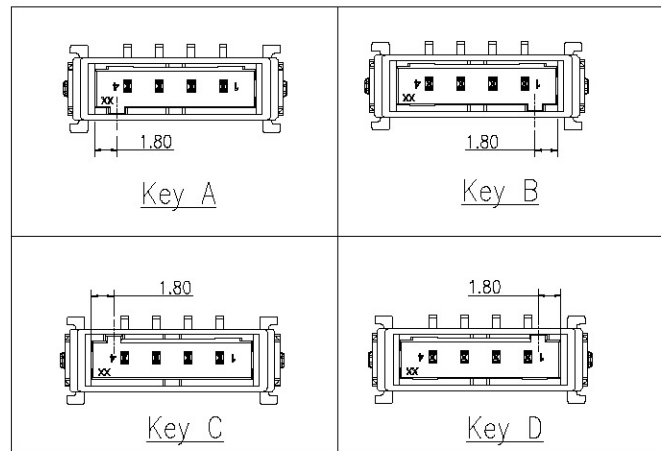
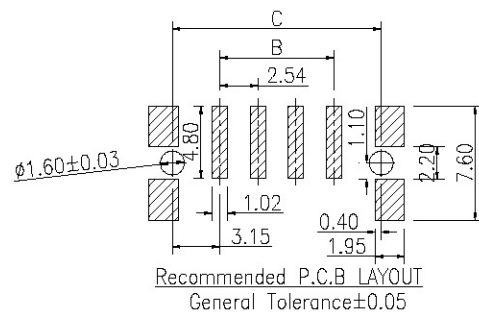
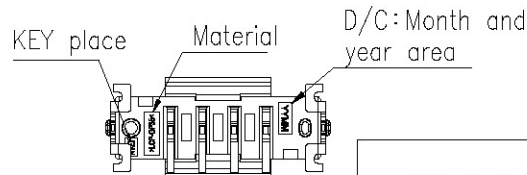
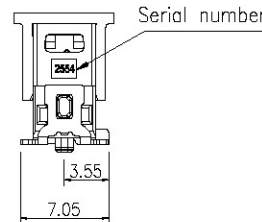
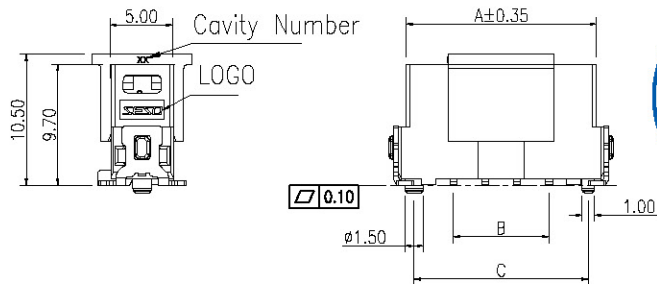
PART NO.	2554TX-HGW1-A
TITLE	2.54mm WTB TERMINAL
UNIT	mm
SCALE	1:1
SHEET	1/1
REV	X3
NUMBER	A-000

RoHS

This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



3D DRAW
SCALE 1:1



■ Specifications :

- Voltage rating: 500V AC/DC
 - Current rating: 12A<Per PIN> Max. AC/DC;
 - Withstanding voltage: 1000V AC/minute
 - Temperature range: -40°C~+125°C
 - Insulation resistance: >1000MΩ
 - Contact resistance: <20mΩ
 - Material(Pin): Brass
 - Mates With SESO Housing: 2554A-XXX
 - Product Specification: PS-2554-01
 - Packaging: see SESO drawing PK-2554WVS
- 2554 W V S-XX X -LP GW01 X C
- ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
- ① Series No.: 2554
 - ② Category: W-wafer
 - ③ Connector Type: V-Straight 180°
 - ④ Mouting Type: S-SMT
 - ⑤ Row No.-Pin No.: XX-Single row 02~15Pin
 - ⑥ Key code: A-Key A , B-Key B C-Key C , D-Key D
 - ⑦ Plastic material: LP- LCP UL94V-0
 - ⑧ Plating Code: GW01-Contact area:Gold Flash;
Underplate:Ni 40~120u"(1~3um);
Top Plating:Sn 80~200u"(2~5um)
 - ⑨ Color: A-Green; B-Black; R-Red; L-Blue
 - ⑩ Packing: C-Reel and CAP

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
2	10.12	2.54	8.84	9	27.90	20.32	26.62
3	12.66	5.08	11.38	10	30.34	22.86	29.16
4	15.20	7.62	13.92	11	32.98	25.40	31.70
5	17.74	10.16	16.46	12	35.32	27.94	34.24
6	20.28	12.70	19.00	13	38.06	30.48	36.78
7	22.82	15.24	21.54	14	40.60	33.02	39.32
8	25.36	17.78	24.08	15	43.14	35.56	41.86

GENERAL TOLERANCE

.X ±0.35
.XX ±0.25
.XXX±0.15
X. ±2°

PROJECT



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Dongguan SESO Technology Co.,Ltd.

APPROVAL CHECK DRAWN DATE

Jack Zhang Larry Yang Zee.Wang 2023/04/01

PART NO.
2554WVS-XXX-LPGW01XC

TITLE
Pitch 2.54mm WTB CONN

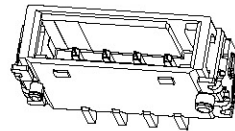
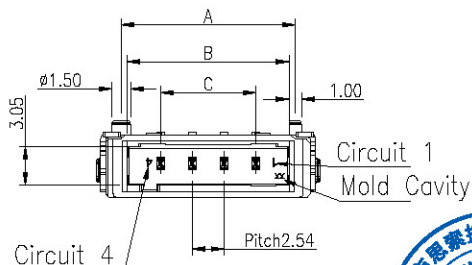
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A0	CD

20240109	A0	/	formally issue	/	Jack Zhang
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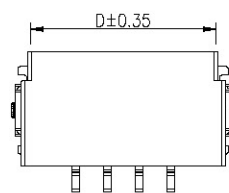
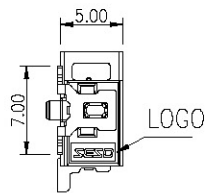
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
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RoHS

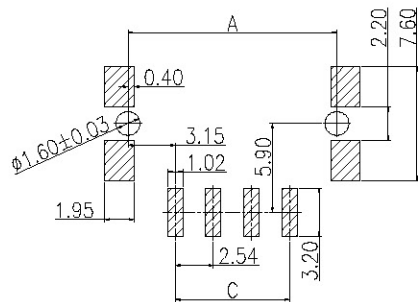
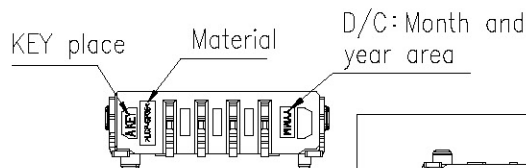
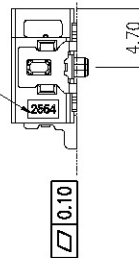
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



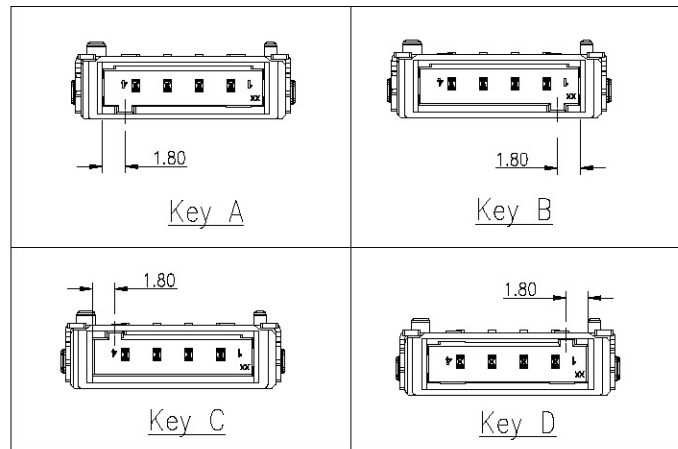
3D DRAW
SCALE 1:1



Serial number



Recommended P.C.B LAYOUT
General Tolerance±0.05



Specifications :

- Voltage rating: 500 V AC/DC
- Current rating: 12A(Per PIN) Max. AC/DC;
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- Material(Pin): Brass
- Mates With SESO Housing: 2554A-XXX
- Product Specification: PS-2554-01
- Packaging: see SESO Drawing PK-2554WRS

2554 W R S-XX X -LP GW01 X R
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.: 2554
② Category: W-wafer
③ Connector Type: R-Right Angle 90°
④ Mounting Type: S-SMT
⑤ Row No.-Pin No.: XX-Single row 02~15Pin
⑥ Key code: A-Key A , B-Key B C-Key C , D-Key D
⑦ Plastic material: LP- LCP UL94V-0
⑧ Plating Code: GW01-Contact area:Gold Flash;
Underplate:Ni 40~120u"(1~3um);
Top Plating:Sn 80~200u"(2~5um)
⑨ Color: A-Green; B-Black; R-Red; L-Blue
⑩ Packing: R-Reel

Poles	Dimensions (mm)				Poles	Dimensions (mm)			
	A	B	C	D		A	B	C	D
2	8.84	7.84	2.54	10.12	9	26.62	25.62	20.32	27.90
3	11.38	10.38	5.08	12.66	10	29.16	28.16	22.86	30.34
4	13.92	12.92	7.62	15.20	11	31.70	30.70	25.40	32.98
5	16.46	15.46	10.16	17.74	12	34.24	33.24	27.94	35.32
6	19.00	18.00	12.70	20.28	13	36.78	35.78	30.48	38.06
7	21.54	20.54	15.24	22.82	14	39.32	38.32	33.02	40.60
8	24.08	23.08	17.78	25.36	15	41.86	40.86	35.56	43.14

GENERAL TOLERANCE

.X ±0.35

.XX ±0.25

.XXX±0.15

X.' ±2'

PROJECT

APPROVAL

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Dongguan SESO Technology Co.,Ltd.

PART NO.

2554WRS-XXX-LPGW01XR

TITLE

Pitch 2.54mm WTB CONN

UNIT

mm

SCALE

1:1

SHEET

1/1

REV

A0

NUMBER

CD

20240109

A0

/

formally issue

/

Jack Zhang

DATE

REV

ECN NO.

DESCRIPTION

MODIFY

APPROVAL

APPROVAL

CHECK

DRAWN

DATE

Jack Zhang

Larry Yang

Zee.Wang

2023/03/31