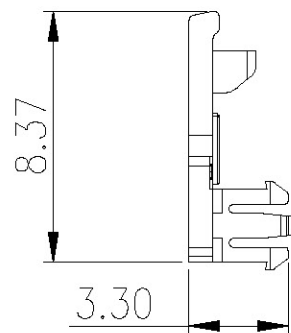
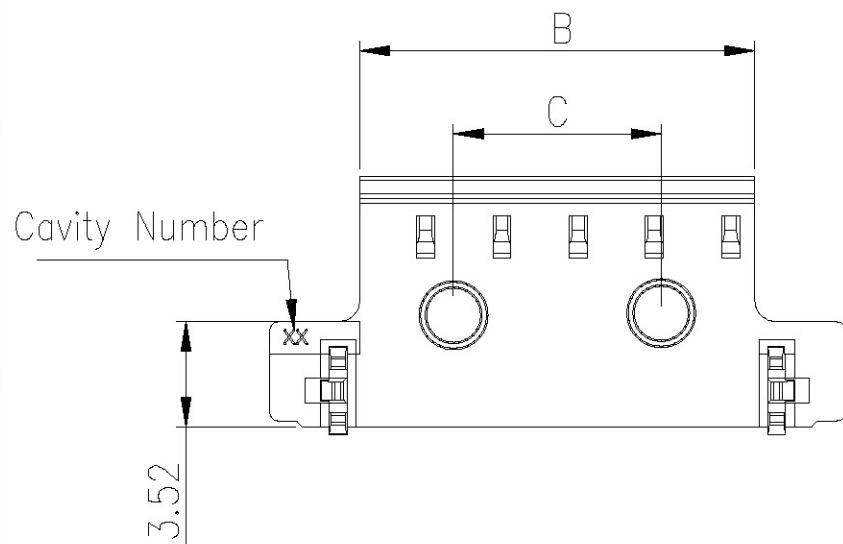
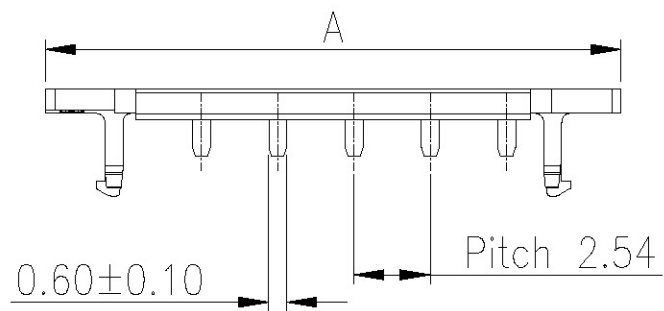


RoHS

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~+125C
- Insulation resistance: >1000M Ω
- Contact resistance: $\leq 20m\Omega$
- 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' $\pm 2^\circ$

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 2024/01/16

PART NO.
T2554-XXA-NOXX

TITLE
2.54mm PITCH TPA

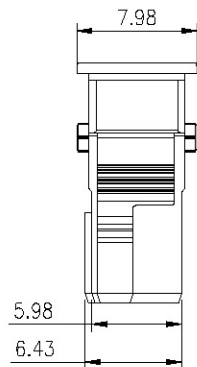
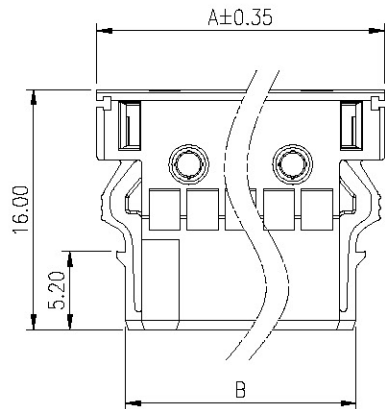
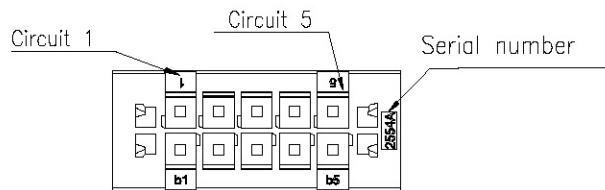
UNIT	SCALE	SHEET	REV	NUMBER
mm	2:1	1/1	X0	CD

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



3D VIEW

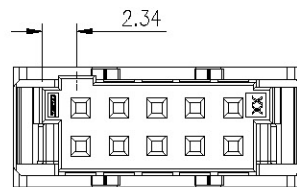
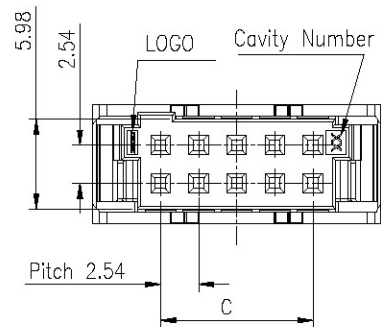


■ Specifications :

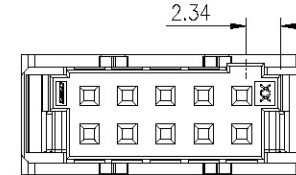
- Voltage rating: 500 V AC/DC
- Current rating: 12A Max. AC/DC;
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: >1000M Ω
- Contact resistance: <20m Ω
- Mates With SESO Terminal:2554TX-HGW01-A
- Mates With SESO Wafer: 2554WVS-2*XXX&2554WRS-2*XXX
- Mates With SESO Wafer: T2554-XXA-NOXX
- Product Specification: PS-2554-01
- Packaging: see SESO drawing PK-2554A

2554 A- 2*XX X-NO XX
① ② ③ ④ ⑤ ⑥

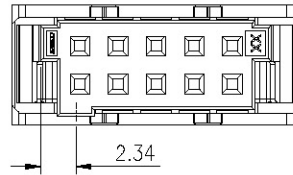
- ① Series No.: 2554
② Category: A-HSG finished products of secondary lock catch
③ Row No.-Pin No.: 2*XX-Double Row 2*XXPin
④ Key code: A-Key A, B-Key B C-Key C, D-Key D
⑤ Plastic Material: NO-PA66 UL94V-0
⑥ Color: BK-Black; BL-Blue; GR-Green; RE-red



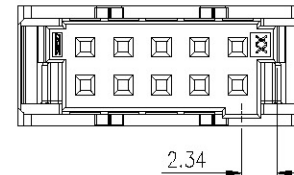
Key A



Key B



Key C



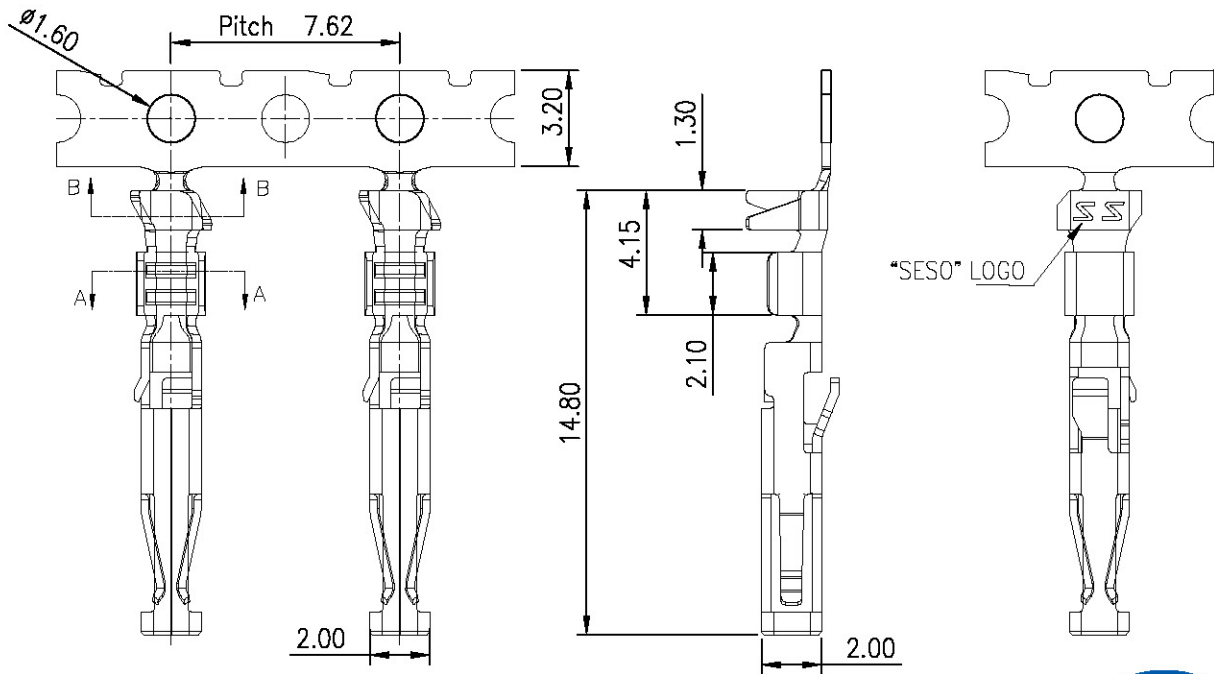
Key D

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
2*2	11.54	7.74	2.54	2*16	47.10	43.30	38.10
2*3	14.08	10.28	5.08	2*17	49.64	45.84	40.64
2*4	16.62	12.82	7.62	2*18	52.18	48.38	43.18
2*5	19.16	15.36	10.16	2*19	54.72	50.92	45.72
2*6	21.70	17.90	12.70	2*20	57.26	53.46	48.26
2*7	24.24	20.44	15.24	2*21	59.80	56.00	50.80
2*8	26.78	22.98	17.78	2*22	62.34	58.54	53.34
2*9	29.32	25.52	20.32	2*23	64.88	61.08	55.88
2*10	31.86	28.06	22.86	2*24	67.42	63.62	58.42
2*11	34.40	30.60	25.40	2*25	69.96	66.16	60.96
2*12	36.94	33.14	27.94	2*26	72.50	68.70	63.50
2*13	39.48	35.68	30.48	2*27	75.04	71.24	66.04
2*14	42.02	38.22	33.02	2*28	77.58	73.78	68.58
2*15	44.56	40.76	35.56				

20240118	X2	EN20240115004	version upgrade	Zee.Wang	Jack Zhang	GENERAL TOLERANCE .X ± 0.35 .XX ± 0.25 .XXX ± 0.15 X.' $\pm 2'$ PROJECT 	SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2554A-2*XXX-NOXX				
20231129	X1	/	version upgrade	Zee.Wang	Jack Zhang						TITLE Pitch 2.54mm WTB CONN				
20230330	X0	/	Initial release	/	Larry Yang						UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL						mm	2:1	1/1	X2	CD
1		2		3	4	5	6	7	8						

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°C~+125°C
- Insulation resistance: >1000MΩ
- Contact resistance: <20mΩ
- 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)	Ø1.80mm MAX	2.70	3.00	2.95	2.95
2554T-HGW01-A		AWG#20~22 (0.35~0.50mm ²)	Ø1.60mm MAX	2.50	2.45	2.50	2.70
2554TL-HGW01-A		AWG#24~26 (0.15~0.22mm ²)	Ø1.30mm 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.* ±2°
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	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	X3	A-000

RoHS

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

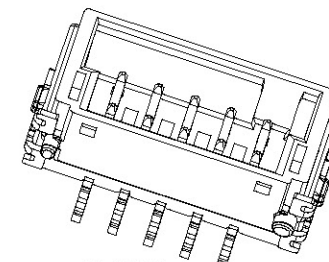
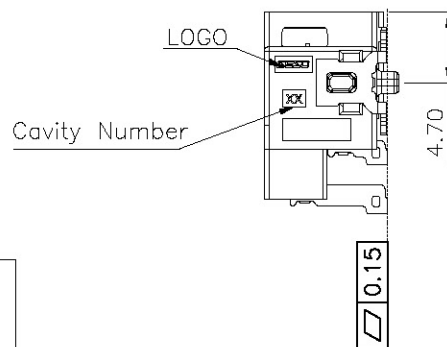
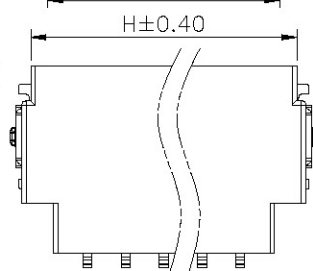
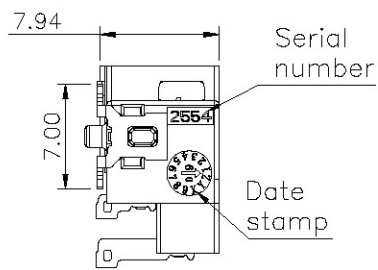
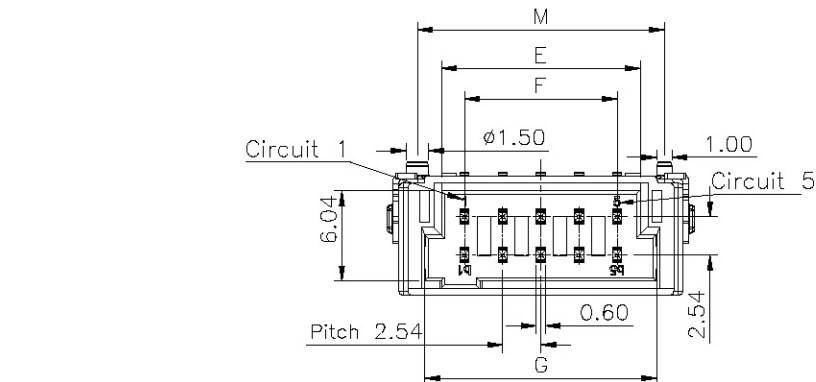
■ Specifications :

- Voltage rating: 500 V Max. AC/DC
- Current rating: 12A Max. AC/DC MAX;
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125C
- Insulation resistance: >1000M Ω
- Contact resistance: $\leq 20m\Omega$
- Material(Pin): Brass
- Mates With SESO Housing: 2554A-2*XXX
- Product Specification: PS-2554-01
- Packaging: see SESO Drawing PK-2554WRS

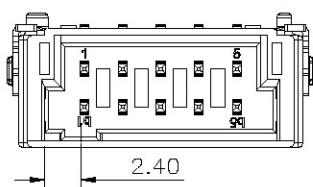
2554 W R S-2*XX X -LP GW01 X R

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

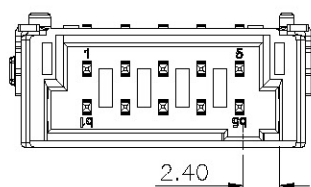
- ① Series No.: 2554
- ② Category: W-wafer
- ③ Connector Type: R-Right Angle 90°
- ④ Mouting Type: S-SMT
- ⑤ Row No.-Pin No.: 2xXX-Double Row 2xXXPin
- ⑥ Key code: A-Key A , B-Key B C-Key C , D-Key D
- ⑦ Plastic material: LP- LCP UL94V-0
- ⑧ Plating Code: GW01-Contact area:Gold Flash;
Underplate:Ni 40~120u"(1~3um);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



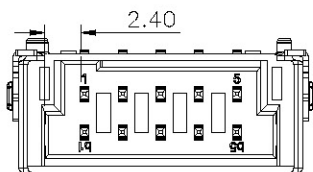
3D DRAW
SCALE 1:1



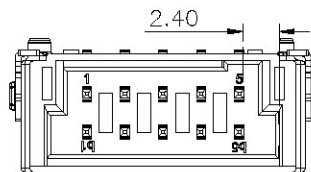
Key A



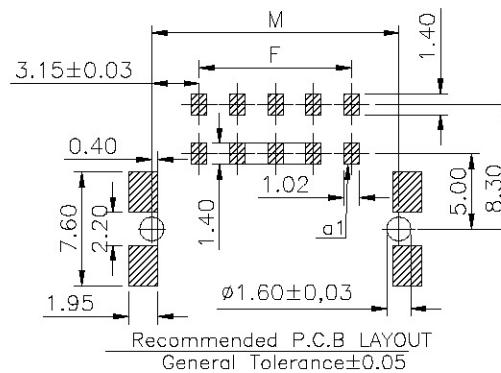
Key B



Key C



Key D



PIN	E	F	G	H	M	PIN	E	F	G	H	M
2*02	5.68	2.54	7.84	10.12	8.84	2*16	41.24	38.10	43.40	45.68	44.40
2*03	8.22	5.08	10.38	12.66	11.38	2*17	43.78	40.64	45.94	48.22	46.94
2*04	10.76	7.62	12.92	15.20	13.92	2*18	46.32	43.18	48.48	50.76	49.48
2*05	13.30	10.16	15.46	17.74	16.46	2*19	48.86	45.72	51.02	53.30	52.02
2*06	15.84	12.70	18.00	20.28	19.00	2*20	51.40	48.26	53.56	55.84	54.56
2*07	18.38	15.24	20.54	22.82	21.54	2*21	53.94	50.80	56.10	58.38	57.10
2*08	20.92	17.78	23.08	25.36	24.08	2*22	56.48	53.34	58.64	60.92	59.64
2*09	23.46	20.32	25.62	27.90	26.62	2*23	59.02	55.88	61.18	63.46	62.18
2*10	26.00	22.86	28.16	30.44	29.16	2*24	61.56	58.42	63.72	66.00	64.72
2*11	28.54	25.40	30.70	32.98	31.70	2*25	64.10	60.96	66.26	68.54	67.26
2*12	31.08	27.94	33.24	35.52	34.24	2*26	66.64	63.50	68.80	71.08	69.80
2*13	33.62	30.48	35.78	38.06	36.78	2*27	69.18	66.04	71.34	73.62	72.34
2*14	36.16	33.02	38.32	40.60	39.32	2*28	71.72	68.58	73.88	76.16	74.88
2*15	38.70	35.56	40.86	43.14	41.86						

20231206	X2	/	version upgrade	Zee.Wang	Jack Zhang
20231129	X1	/	version upgrade	Zee.Wang	Jack Zhang
20230330	X0	/	Initial release	/	Larry Yang
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

GENERAL TOLERANCE
.X ±0.35
.XX ±0.25
.XXX±0.15
X.' ±2'
PROJECT

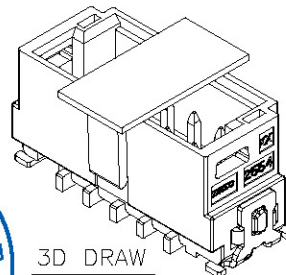
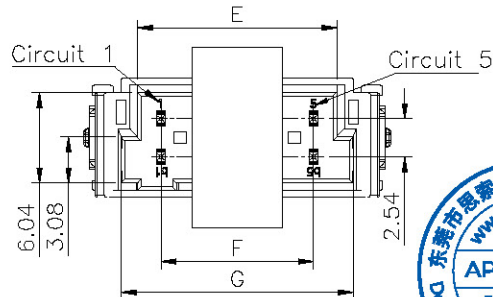
SMS 东莞市思索技术股份有限公司
Dongguan SESO Technology Co.,Ltd.

APPROVAL	CHECK	DRAWN	DATE
Jack Zhang	Larry Yang	Zee.Wang	2023/03/30

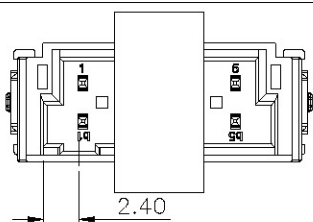
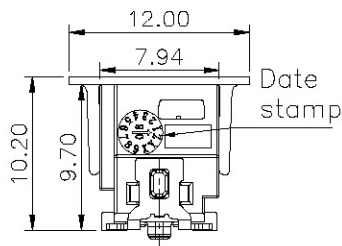
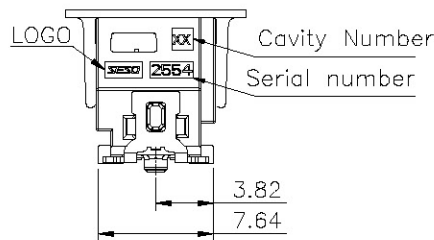
PART NO. 2554WRS-2*XXX-LPGW01XR				
TITLE Pitch 2.54mm WTB CONN				
UNIT	SCALE	SHEET	REV	NUMBER
mm	2:1	1/1	X2	CD

RoHS

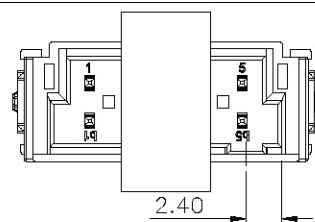
This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



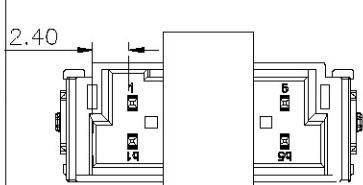
3D DRAW
SCALE 1:1



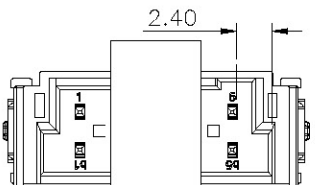
Key A



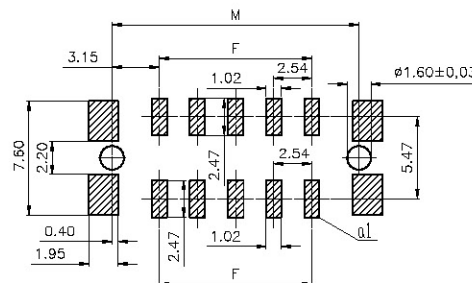
Key B



Key C



Key D



Recommended P.C.B LAYOUT
General Tolerance±0.05

Specifications :

- Voltage rating: 500 V Max. AC/DC
- Current rating: 12A Max. AC/DC MAX;
- 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-2*XXX
- Product Specification: PS-2554-01
- Packaging: see SESO drawing PK-2554WVS

2554 W V S-2*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 Mounting Type: S-SMT
- ⑤ Row No.-Pin No.: 2xXX-Double Row 2xXXPin
- 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

PIN位	E	F	G	H	M	PIN位	E	F	G	H	M
2*2	5.68	2.54	7.84	10.12	8.84	2*16	41.24	38.10	43.40	45.28	44.40
2*3	8.22	5.08	10.38	12.66	11.38	2*17	43.78	40.64	45.94	47.82	46.94
2*4	10.76	7.62	12.92	15.20	13.92	2*18	46.32	43.18	48.48	50.36	49.48
2*5	13.30	10.16	15.46	17.74	16.46	2*19	48.86	45.72	51.02	52.90	52.02
2*6	15.84	12.70	18.00	20.28	19.00	2*20	51.40	48.26	53.56	55.44	54.56
2*7	18.38	15.24	20.54	22.82	21.54	2*21	53.94	50.80	56.10	57.98	57.10
2*8	20.92	17.78	23.08	25.36	24.08	2*22	56.48	53.34	58.64	60.52	59.64
2*9	23.46	20.32	25.62	27.90	26.62	2*23	59.02	55.88	61.18	63.06	62.18
2*10	26.00	22.86	28.16	30.44	29.16	2*24	61.56	58.42	63.72	65.60	64.72
2*11	28.54	25.40	30.70	32.98	31.70	2*25	64.10	60.96	66.26	68.14	67.26
2*12	31.08	27.94	33.24	35.52	34.24	2*26	66.64	63.50	68.80	70.68	69.80
2*13	33.62	30.48	35.78	38.06	36.78	2*27	69.18	66.04	71.34	73.22	72.34
2*14	36.16	33.02	38.32	40.60	39.32	2*28	71.72	68.58	73.88	75.76	74.88
2*15	38.70	35.56	40.86	43.14	41.86						

20231207	X2	/	version upgrade	Zee.Wang	Jack Zhang	GENERAL TOLERANCE .X ±0.35 .XX ±0.25 .XXX±0.15 X.' ±2'	SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2554WVS-2*XXX-LPGW01XC				
20231129	X1	/	version upgrade	Zee.Wang	Jack Zhang						TITLE Pitch 2.54mm WTB CONN				
20230330	X0	/	Initial release	/	John Yang						UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL						mm	2:1	1/1	X2	CD
						PROJECT	APPROVAL								
							Jack Zhang	Larry Yang	Zee.Wang	2023/03/30					