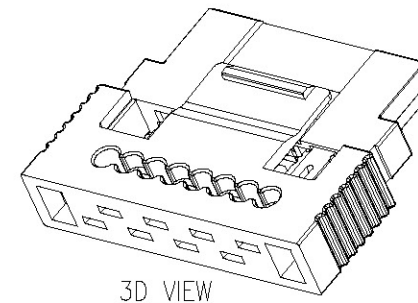
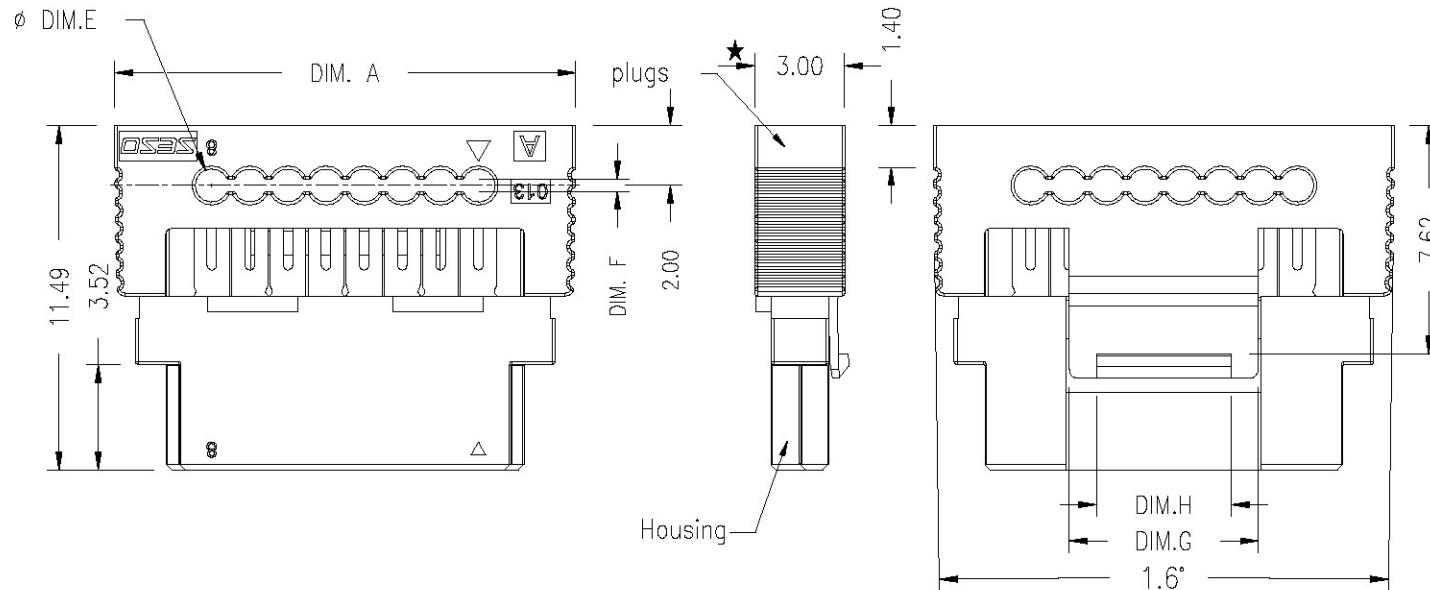


RoHS

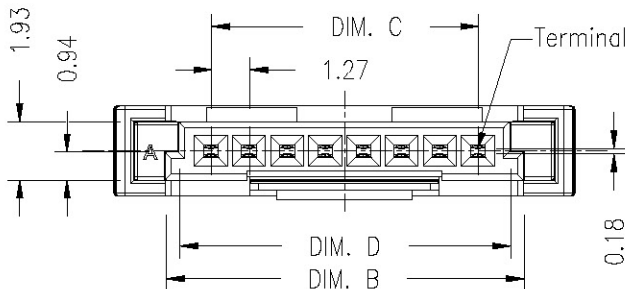
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



3D VIEW

■ Specifications :

- Voltage rating: 125V AC / DC
- Current rating: 3A (0.35mm²)
2.5A(0.22mm²) 1.5A(0.13mm²)
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: >100MΩ
- Contact resistance: <25mΩ
- Mates With SESO Housing: 1278WRS/1278WVS
- Symbols for SPC dimensions: "★"



PIN位	DIM A	DIM B	DIM C	DIM D	DIM G	DIM H
2	7.74	4.30	1.27	3.40	3.30	2.00
3	9.01	5.57	2.54	4.67	3.30	2.00
4	10.28	6.84	3.81	5.94	3.80	2.00
5	11.55	8.11	5.08	7.21	3.80	2.00
6	12.82	9.38	6.35	8.48	6.50	4.50
7	14.09	10.65	7.62	9.75	6.50	4.50
8	15.36	11.92	8.89	11.02	6.50	4.50
9	16.63	13.19	10.16	12.29	6.50	4.50
10	17.90	14.46	11.43	13.56	6.50	4.50
11	19.17	15.73	12.70	14.83	6.50	4.50
12	20.44	17.00	13.97	16.1	6.50	4.50
13	21.71	18.27	15.24	17.37	6.50	4.50
14	22.98	19.54	16.51	18.64	6.50	4.50
15	24.25	20.81	17.78	19.91	6.50	4.50
16	25.52	22.08	19.05	21.18	6.50	4.50

1278 H I - XX X - LP GW05 B T R
① ②③ ④ ⑤ ① ⑥ ⑦⑧⑨

- ① Series No.
- ② Category: H-Housing
- ③ Connector Type: I- HSG+Hardware
- ④ Row No.-Pin No: XX-Single Row 1xXXPin
- ⑤ Wire diameter: F1-0.35mm²; F-0.22mm²;
Empty code-0.13mm²
- ⑥ Plastic material: LP- LCP UL94V-0
- ⑦ Plating Code: GW05-5u"(0.125um)Au
plating in contact area,80-160u"(2~4um)Sn
plating in solder area,30u"Min(0.75um" Min)
nickel overall
- ⑧ Color: N-Natural; B-Black; R-Red; L-Blue
- ⑨ Packing:T - tray
- ⑩ Special code: R-90°



PART NO	DIM. E	DIM. F
1278HI-XXF1-LPGW05BTR	1.30	0.62
1278HI-XXF-LPGW05BTR	1.1	0.42
1278HI-XX-LPGW05BTR	1.1	0.42

2023/09/19	X2	/	Adding wire numbers and modifying part numbers	YUAN	Larry Yang
2023/07/20	X1	/	Modify the logo and add dimensions	YUAN	Larry Yang
2022/12/07	X0	/	Initial Release	YUAN	Larry Yang
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

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

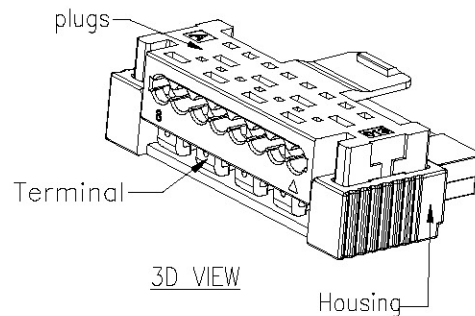
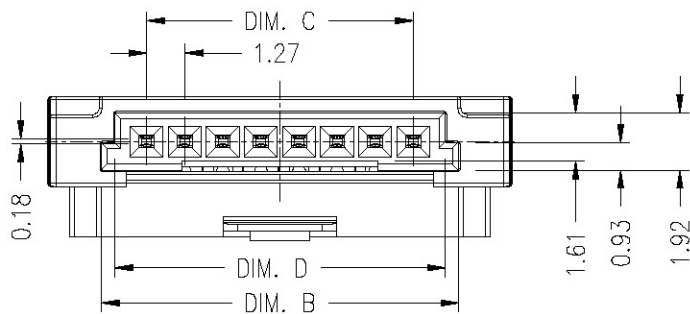
SMS 东莞市思索技术股份有限公司
Dongguan SESO Technology Co.,Ltd.

APPROVAL	CHECK	DRAWN	DATE
Jack Zhang	Larry Yang	YUAN	2022/12/07

PART NO.	1278HI-XXX-LPGW05BTR
TITLE	1.27mm PITCH Single RowWTB Connector
UNIT	mm
SCALE	1:1
SHEET	1/1
REV	X2
NUMBER	CD

RoHS

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

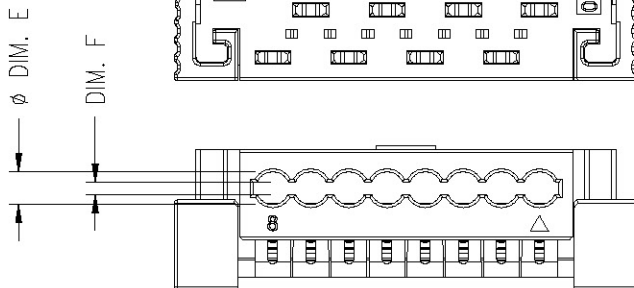
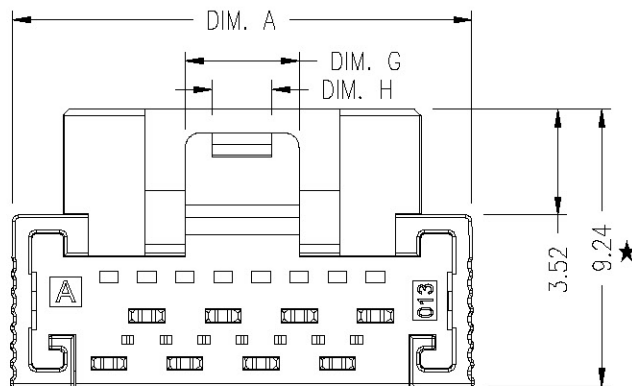
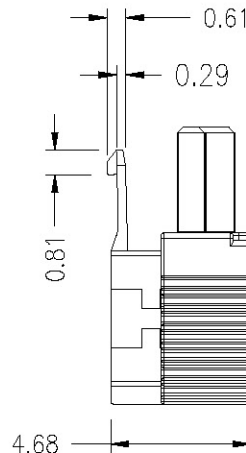


■ Specifications :

- Voltage rating: 125V AC / DC
- Current rating: 3A (0.35mm²)
2.5A (0.22mm²) 1.5A(0.13mm²)
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: >100M Ω
- Contact resistance: <25m Ω
- Mates With SESO Housing: 1278WRS/1278WVS
- Symbols for SPC dimensions: "★"

1278 H I - XX X X - LP GW05 B T V
① ②③ ④ ⑤⑥ ⑦ ⑧ ⑨⑩⑪

- ① Series No.
② Category: H-Housing
③ Connector Type: I- HSG+Hardware
④ Row No.-Pin No: XX-Single Row 1xXXPin
⑤ Wire diameter: F1-0.35mm²; F-0.22mm²; Empty code-0.13mm²
⑥ Hook specification code:
empty code=2-03PIN(DIM G=3.3mm/DIM H=2.00mm)
=4-5PIN(DIM G=3.8mm/DIM H=2.00mm)
=6-16PIN(DIM G=6.3mm/DIM H=4.50mm)
B=6-16PIN(DIM G=3.8mm/DIM H=2.00mm)
⑦ Plastic material: LP- LCP UL94V-0
⑧ Plating Code: GW05-5u"(0.125um)Au
plating in contact area, 80-160u"(2~4um)Sn
plating in solder area, 30u"Min(0.75um" Min)
nickel overall
⑨ Color: N-Natural; B-Black; R-Red; L-Blue
⑩ Packing: T - tray
⑪ Special code: V-180°



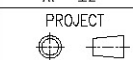
PIN位	DIM A	DIM B	DIM C	DIM D	DIM G	DIM H	PIN位	DIM A	DIM B	DIM C	DIM D	DIM G	DIM H
2	7.68	4.30	1.27	3.40	3.30	2.00	10	17.84	14.46	11.43	13.56	3.80/6.50	2.00/4.50
3	8.95	5.57	2.54	4.67	3.30	2.00	11	19.11	15.73	12.70	14.83	3.80/6.50	2.00/4.50
4	10.22	6.84	3.81	5.94	3.80	2.00	12	20.38	17.00	13.97	16.1	3.80/6.50	2.00/4.50
5	11.49	8.11	5.08	7.21	3.80	2.00	13	21.65	18.27	15.24	17.37	3.80/6.50	2.00/4.50
6	12.76	9.38	6.35	8.48	3.80/6.50	2.00/4.50	14	22.92	19.54	16.51	18.64	3.80/6.50	2.00/4.50
7	14.03	10.65	7.62	9.75	3.80/6.50	2.00/4.50	15	24.19	20.81	17.78	19.91	3.80/6.50	2.00/4.50
8	15.30	11.92	8.89	11.02	3.80/6.50	2.00/4.50	16	25.46	22.08	19.05	21.18	3.80/6.50	2.00/4.50
9	16.57	13.19	10.16	12.29	3.80/6.50	2.00/4.50							

PART NO	DIM.E	DIM.F
1278HI-XXF1X-LPGW05BTB	1.30	0.62
1278HI-XXFX-LPGW05BTB	1.10	0.42
1278HI-XXX-LPGW05BTB	1.10	0.42

2023/10/10	X3	/	Avoiding modifications according to customer requirements	YUAN	Larry Yang
2023/09/19	X2	/	Adding wire numbers and modifying part numbers	YUAN	Larry Yang
2023/07/20	X1	/	Modifying the logo and adding new specifications	YUAN	Larry Yang
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

GENERAL TOLERANCE

.X ±0.35
.XX ±0.25
.XXX±0.15
X.' ±2°



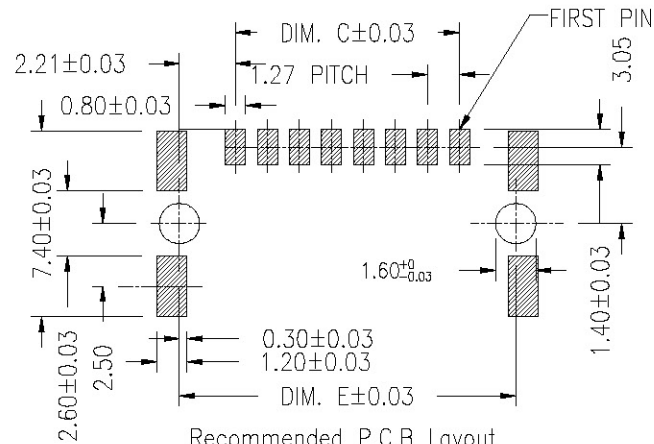
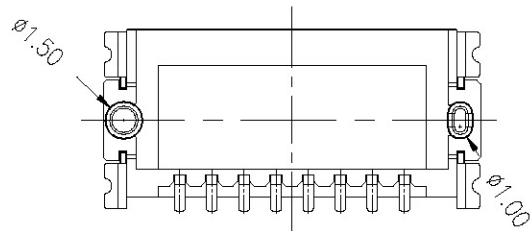
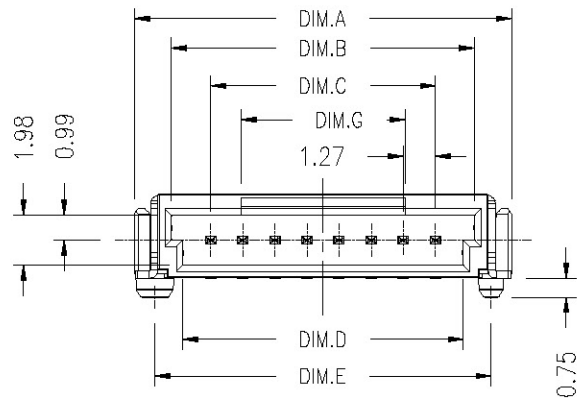
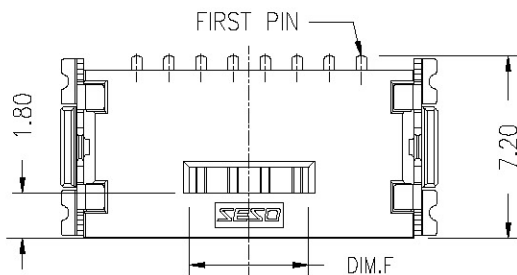
SMS 东莞市思索技术股份有限公司
Dongguan SESO Technology Co.,Ltd.

APPROVAL CHECK DRAWN DATE
Jack Zhang Larry Yang YUAN 2022/12/07

PART NO.				
1278HI-XXXX-LPGW05BTB				
TITLE				
1.27mm PITCH Single RowWTB Connector				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	X3	CD

RoHS

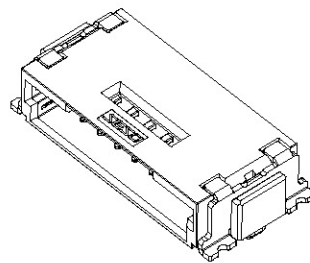
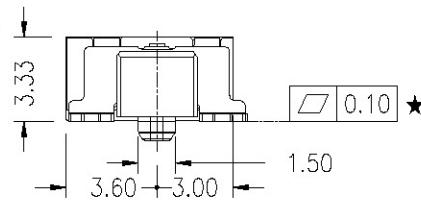
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



Recommended P.C.B Layout

General tolerance ± 0.05

Solder paste height 0.12~0.15mm



3D VIEW

■ Specifications :

- Voltage rating: 125V AC / DC
- Current rating: 3A(0.35mm²)
2.5A (0.22mm²) 1.5A (0.13mm²)
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: $\geq 100M\Omega$
- Contact resistance: $\leq 25m\Omega$
- Mates With Housing: 1278HI-XX
- Symbols for SPC dimensions: " ★ "

1278 W R S - XX -LP GW01 B R S
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
- ② Category: W-wafer
- ③ Connector Type: R- 90°
- ④ Forming method: S-SMT
- ⑤ Row No.-Pin No: XX-Single Row 1xXXPin
- ⑥ Plastic material: LP- LCP UL94V-0
- ⑦ Plating Code: GW01-, Gold Flash Au plating
in contact area, 80~160u"(2~4um)Sn . plating in
solder area, 40~120u"(1~3um)". nickel overall
- ⑧ Color: N-Natural; B-Black; R-Red; L-Blue
- ⑨ Packing: R-Reel
- ⑩ Special code: S

PIN位	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	PIN位	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G
2	7.32	4.38	1.27	3.48	5.69	2.20	3.50	10	17.48	14.54	11.43	13.64	15.85	4.70	6.50
3	8.59	5.65	2.54	4.75	6.96	2.20	3.50	11	18.75	15.81	12.70	14.91	17.12	4.70	6.50
4	9.86	6.92	3.81	6.02	8.23	2.20	4.00	12	20.02	17.08	13.97	16.18	18.39	4.70	6.50
5	11.13	8.19	5.08	7.29	9.50	2.20	4.00	13	21.29	18.35	15.24	17.45	19.66	4.70	6.50
6	12.40	9.46	6.35	8.56	10.77	4.70	6.50	14	22.56	19.62	16.51	18.72	20.93	4.70	6.50
7	13.67	10.73	7.62	9.83	12.04	4.70	6.50	15	23.83	20.89	17.78	19.99	22.20	4.70	6.50
8	14.94	12.00	8.89	11.10	13.31	4.70	6.50	16	25.10	22.16	19.05	21.26	23.47	4.70	6.50
9	16.21	13.27	10.16	12.37	14.58	4.70	6.50								

GENERAL TOLERANCE

.X ± 0.35

.XX ± 0.25

.XXX ± 0.15

X." $\pm 2^{\circ}$

PROJECT

APPROVAL

CHECK

DRAWN

DATE

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

PART NO.

1278WRS-XX-LPGW01BRS

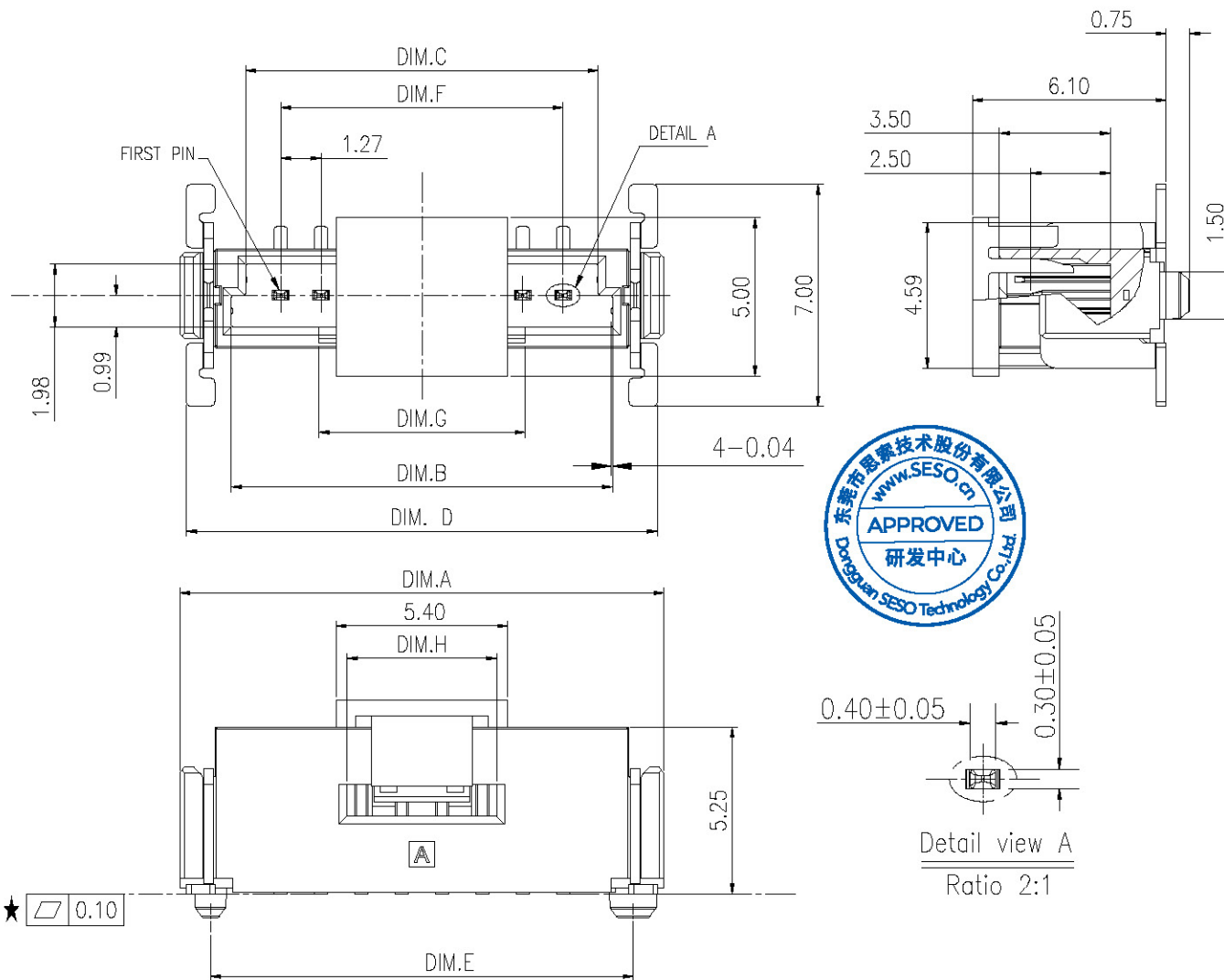
TITLE 1.27mm PITCH SINGLE
ROW WTB CONNECTOR

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	X1	CD

2023/07/20	X1	/	Modify the logo and add ribs	YUAN	Jack Zhang
2022/12/07	X0	/	Initial Release	YUAN	Jack Zhang
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

RoHS

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



Specifications :

- Voltage rating: 125V AC / DC
- Current rating: 3A(0.35mm²)
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: ≥100MΩ
- Contact resistance: ≤25mΩ
- Mates With SESO Housing: 1278HI-XX
- Symbols for SPC dimensions: " ★ "

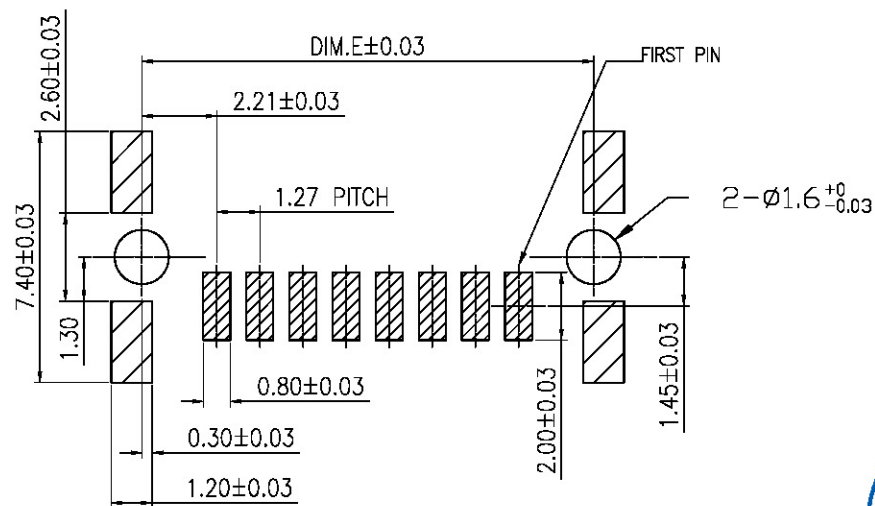
1278 W V S -XX -LP GW01 B C S
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No. 1278
- ② Category: W-wafer
- ③ Connector Type: V- 180°
- ④ Forming method: S-SMT
- ⑤ Row No.-Pin No.: XX-Single Row 1xXXPin
- ⑥ Plastic material: LP- LCP UL94V-0
- ⑦ Plating Code: GW01-Gold Flash Au plating in contact area, 80~160u"(2~4um)Sn. plating in solder area, 40~120u"(1~3um). nickel overall
- ⑧ Color: B-Black
- ⑨ Packing: C-Reel+CAP
- ⑩ Special code: S

					GENERAL TOLERANCE	SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO.					
					.X ±0.35					1278WVS-XX-LPGW01BCS					
					.XX ±0.25					TITLE 1.27mm PITCH SINGLE ROW WTB CONNECTOR					
					.XXX±0.15										
2023/08/17	X0	/	Initial Release	YUAN	Lany Yang	X.* ±2"	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT	Jack Zhang	Larry Yang	YUAN	2023/08/17	mm	1:1	1/2	X0	CD
1		2		3		4		5		6		7		8	

RoHS

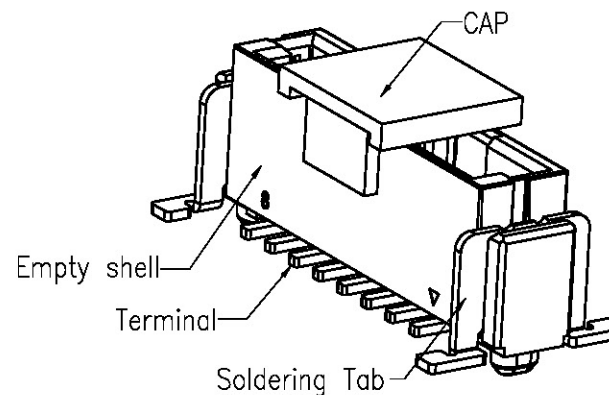
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



Recommended P.C.B Layout

General tolerance ± 0.03

Solder paste height 0.12~0.15mm



3D VIEW



PIN	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	PIN	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H
2	7.62	4.38	3.48	7.22	5.69	1.27	3.50	2.20	10	17.78	14.54	13.64	17.38	15.85	11.43	6.50	4.70
3	8.89	5.65	4.75	8.49	6.96	2.54	3.50	2.20	11	19.05	15.81	14.91	18.65	17.12	12.70	6.50	4.70
4	10.16	6.92	6.02	9.76	8.23	3.81	4.00	2.20	12	20.32	17.08	16.18	19.92	18.39	13.97	6.50	4.70
5	11.43	8.19	7.29	11.03	9.50	5.08	4.00	2.20	13	21.59	18.35	17.45	21.19	19.66	15.24	6.50	4.70
6	12.70	9.46	8.56	12.30	10.77	6.35	6.50	4.70	14	22.86	19.62	18.72	22.46	20.93	16.51	6.50	4.70
7	13.97	10.73	9.83	13.57	12.04	7.62	6.50	4.70	15	24.13	20.89	19.99	23.73	22.20	17.78	6.50	4.70
8	15.24	12.00	11.10	14.84	13.31	8.89	6.50	4.70	16	25.40	22.16	21.26	25.00	23.47	19.05	6.50	4.70
9	16.51	13.27	12.37	16.11	14.58	10.16	6.50	4.70									

						GENERAL TOLERANCE		SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 1278WVS-XX-LPGW01BCS							
						.X ±0.35						TITLE 1.27mm PITCH SINGLE ROW WTB CONNECTOR							
						.XX ±0.25													
						.XXX±0.15		APPROVAL				CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
						X' ±2°													
2023/08/17	X0	/	Initial Release	YUAN	Lany Yang	PROJECT		Jack Zhang	Larry Yang	YUAN	2023/08/17	mm	1:1	2/2	X0	CD			
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL														