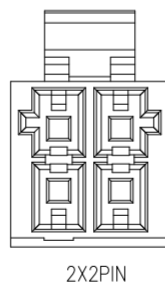
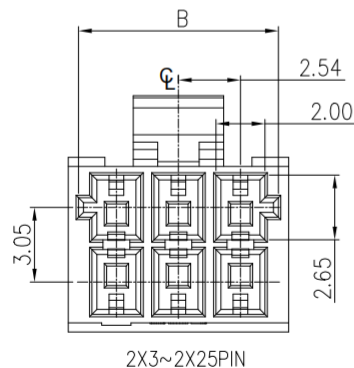
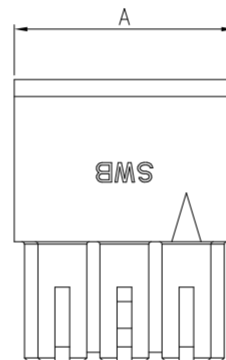
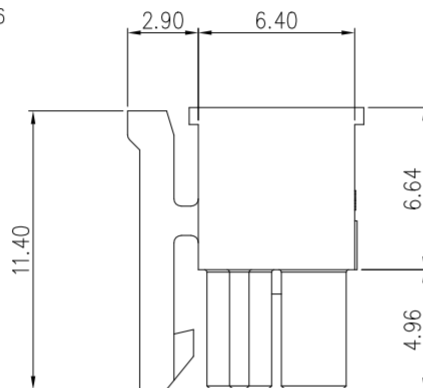
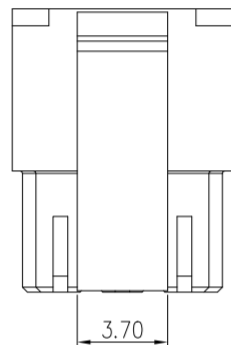
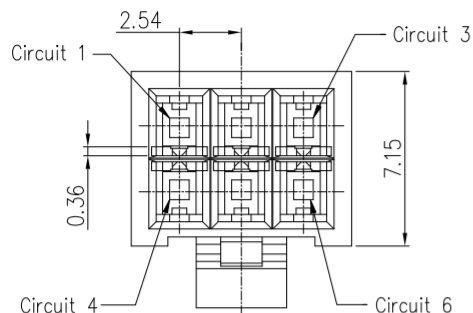


RoHS

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



Specifications :

- Current rating: 3A Max. AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 20m\Omega$
- After environmental testing: $\leq 40m\Omega$
- Mates With SESO Housing: 2543TF

2543 H M - 2*XX - N0 HF BK
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.
- ② Category: H-Housing
- ③ Connector Type: M-Male HGS
- ④ Row No.-Pin No: 2*XX-Double Row 02-25Pin
- ⑤ Plastic material: N0- PA66 UL94V-0
- ⑥ HF-Halogen Free
- ⑦ Color: BK-Black color

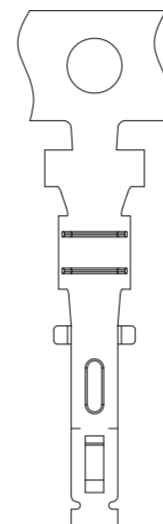
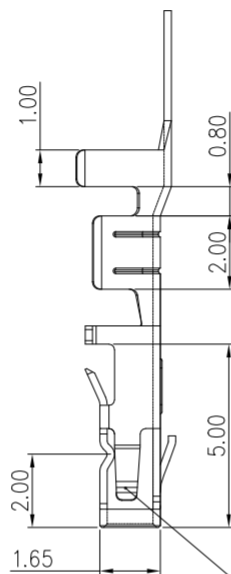
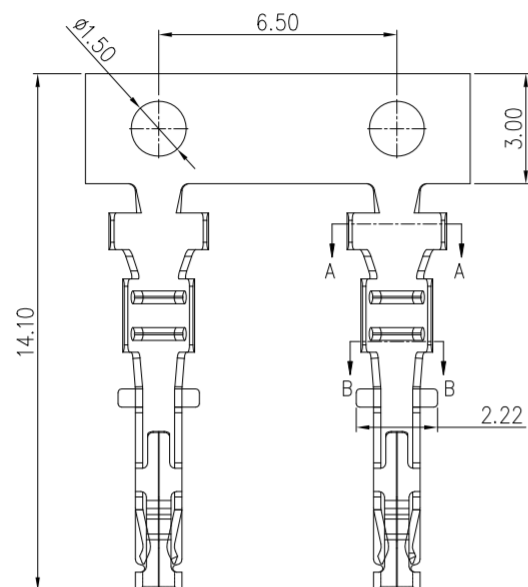
Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
2X2	6.48	5.64	2X14	36.96	36.12
2X3	9.02	8.18	2X15	39.50	38.66
2X4	11.56	10.72	2X16	42.04	41.20
2X5	14.10	13.26	2X17	44.58	43.74
2X6	16.64	15.80	2X18	47.12	46.28
2X7	19.18	18.34	2X19	49.66	48.82
2X8	21.72	20.88	2X20	52.20	51.36
2X9	24.26	23.42	2X21	54.74	53.90
2X10	26.80	25.96	2X22	57.28	56.44
2X11	29.34	28.50	2X23	59.82	59.98
2X12	31.88	31.04	2X24	62.36	61.52
2X13	34.42	33.58	2X25	64.90	64.06

A

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	GENERAL TOLERANCE				PART NO.			
						.X ± 0.35	.XX ± 0.25	.XXX ± 0.15	X.' ± 2	2543HM-2*XX-N0HFBK			
20240528	A2	/	Update Drawing Frame	Flynt Chen	Jack Zhang	PROJECT				TITLE			
20220803	A1	EN20220803004	Modify the HSG structure to improve the terminal reverse insertion problem	Zeng	Larry								
						APPROVAL	CHECK	DRAWN	DATE	2.54mm Crimp Style Connectors			
						Jack Zhang	Larry Yang	Flynt Chen	2021/07/02	UNIT	SCALE	SHEET	REV
										mm	1:1	1/1	A2
													NUMBER
													CD

RoHS

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

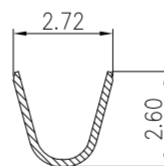
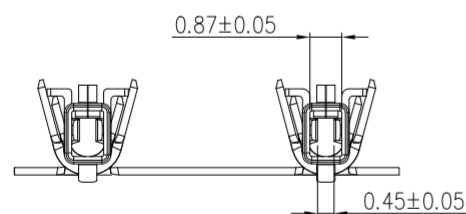


■ Specifications :

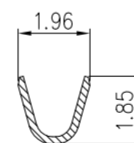
- Current rating: 3A Max. AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 20m\Omega$
- After environmental testing: $\leq 40m\Omega$
- Material(Pin): Phosphor Bronze
- Mates With SESO Housing: 2543HM

2543 I F - P SN1
① ② ③ ④ ⑤

- ① Series No.
② Category: T-terminal
③ Shape: F-Female Terminal
④ Material: P-Phosphor Bronze
⑤ Plating Code: SN1- Tin plating 100u" Min. overall
Nickel 50u" Min. Under plating
(Point 1)



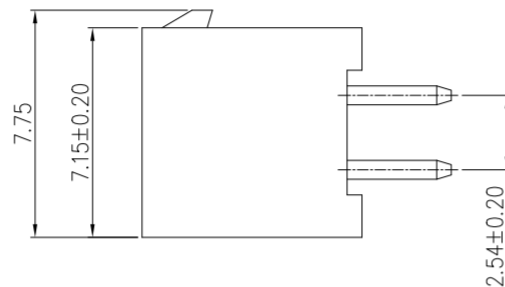
SECTION A-A



SECTION B-B

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	GENERAL TOLERANCE				PART NO.			
						.X	±0.35	.XX	±0.25	2543TF-PSN1			
20240528	A2	/	Update Drawing Frame	Flynt Chen	Jack Zhang	.XXX	±0.15	X.X	±2	TITLE			
20220803	A1	EN20220803003	Modify the terminal structure to improve the terminal reverse insertion problem	Zeng	Larry	APPROVAL				2.54mm Crimp Style Connectors			
						PROJECT				UNIT	SCALE	SHEET	REV
						Jack Zhang				mm	1:1	1/1	A2
						Larry Yang				NUMBER			
						Flynt Chen				CD			
						2021/07/02							

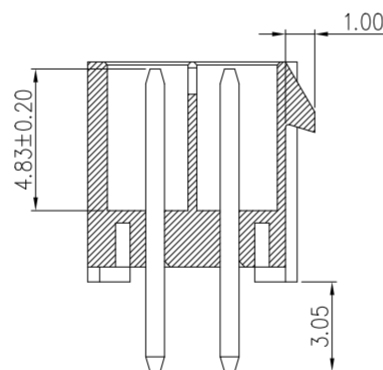
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



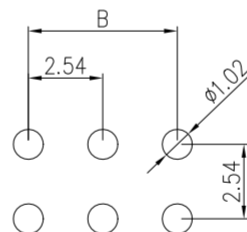
- Current rating: 3A Max. AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: $-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$
- Insulation resistance: $\geq 1000\text{M}\Omega$
- Contact resistance: $\leq 20\text{m}\Omega$
- After environmental testing : $\leq 40\text{m}\Omega$
- Material(Pin): Barss
- Mates With SESO Housing: 2543H

$$\frac{2543}{\textcircled{1}} \quad \frac{W}{\textcircled{2}} \quad \frac{V}{\textcircled{3}} - \frac{2^{*}XX}{\textcircled{4}} - \frac{LP}{\textcircled{5}} \quad \frac{XXX}{\textcircled{6}} \quad \frac{B}{\textcircled{7}} \quad \frac{G}{\textcircled{8}}$$

- ① Series No.
- ② Category: W-wafer
- ③ Connector Type: V-Straight 180°
- ④ Row No.-Pin No: 2*XX-Double Row 02-25Pin
- ⑤ Plastic material: LP- LCP UL94V-0
- ⑥ Plating Code:
SW1-Matte Tin plating 100u" Min. overall,
Ni50u" Min. under plating.
- ⑦ Color: B-Black color
- ⑧ Packing: G-Tube



SECTION A-A



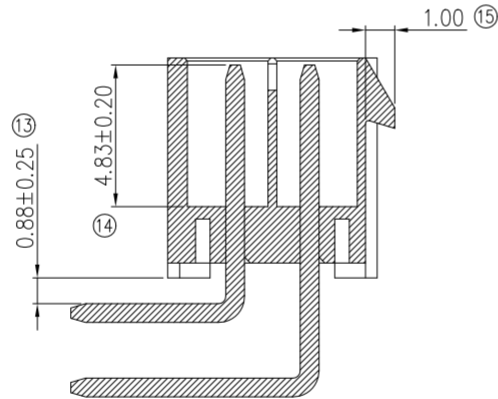
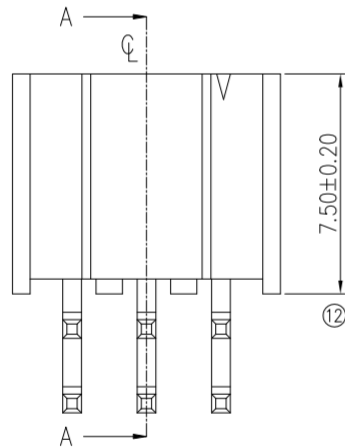
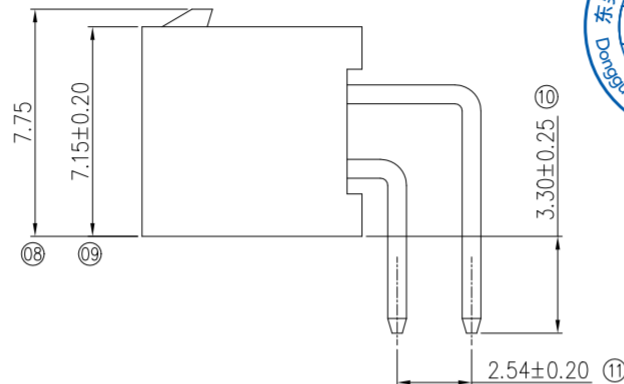
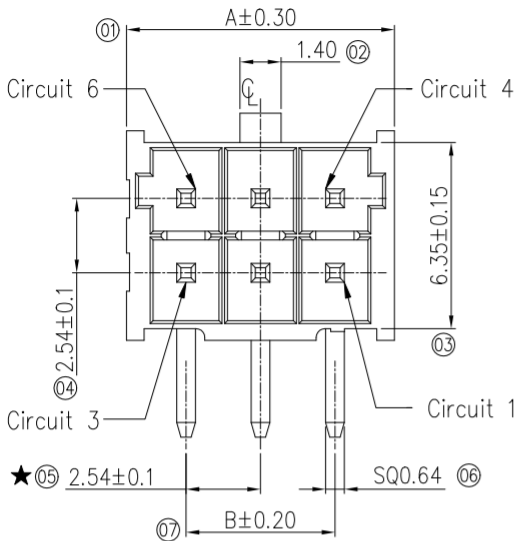
Recommended PCB Layout
(General Tolerance: ± 0.05)

Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
2X2	6.60	2.54	2X14	37.08	33.02
2X3	9.14	5.08	2X15	39.62	35.56
2X4	11.68	7.62	2X16	42.16	38.10
2X5	14.22	10.16	2X17	44.70	40.64
2X6	16.76	12.70	2X18	47.24	43.18
2X7	19.30	15.24	2X19	49.78	45.72
2X8	21.84	17.78	2X20	52.32	48.26
2X9	24.38	20.32	2X21	54.86	50.80
2X10	26.92	22.86	2X22	57.40	53.34
2X11	29.46	25.40	2X23	59.94	55.88
2X12	32.00	27.94	2X24	62.48	58.42
2X13	34.54	30.48	2X25	65.02	60.96

						GENERAL TOLERANCE	 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2543WV-2*XX-LPXXXBG				
						.X ±0.35					TITL 2.54mm Crimp Style Connectors				
						.XX ±0.25									
						.XXX±0.15									
20240520	A1	/	Update Farne	Flynt Chen	Jack Zhang	X* ±2*	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Jack Zhang	Larry Yang	Larry	2021/07/02	mm	1:1	1/1	A1	CD

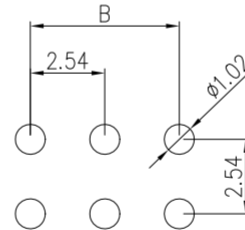
RoHS

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



SECTION A-A

Recommended PCB Layout
(General Tolerance: ±0.05)



Specifications :

- Current rating: 3A Max. AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤40mΩ
- Material(Pin): Barss
- Mates With SESO Housing: 2543H
- "★" Represents special characteristics

2543 W R - 2*XX - LP XXX B X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Series No.
② Category: W-wafer
③ Connector Type: R-Right Angle 90°
④ Row No.-Pin No: 2*XX-Double Row 02-25Pin
⑤ Plastic material: LP- LCP UL94V-0
⑥ Plating Code:

SW1-Matte Tin plating 100u" Min. overall,
Ni50u" Min. under plating.

- ⑦ Color: B-Black color

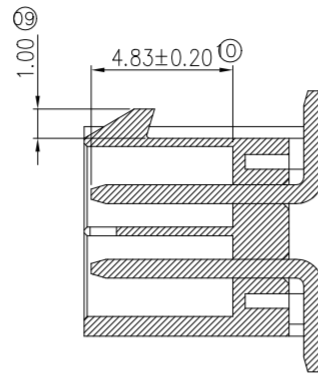
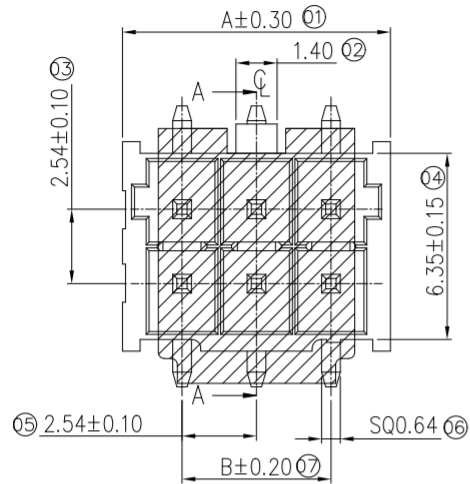
- ⑧ Packing: G-Tube ; T-Tary

Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
2X2	6.60	2.54	2X14	37.08	33.02
2X3	9.14	5.08	2X15	39.62	35.56
2X4	11.68	7.62	2X16	42.16	38.10
2X5	14.22	10.16	2X17	44.70	40.64
2X6	16.76	12.70	2X18	47.24	43.18
2X7	19.30	15.24	2X19	49.78	45.72
2X8	21.84	17.78	2X20	52.32	48.26
2X9	24.38	20.32	2X21	54.86	50.80
2X10	26.92	22.86	2X22	57.40	53.34
2X11	29.46	25.40	2X23	59.94	55.88
2X12	32.00	27.94	2X24	62.48	58.42
2X13	34.54	30.48	2X25	65.02	60.96

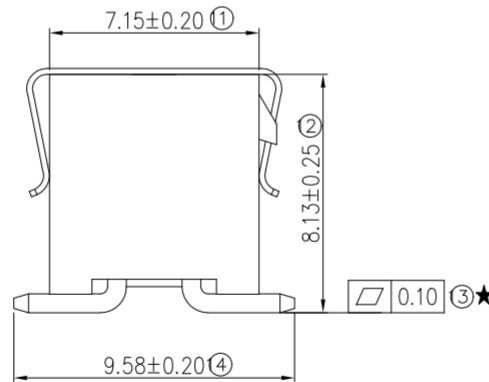
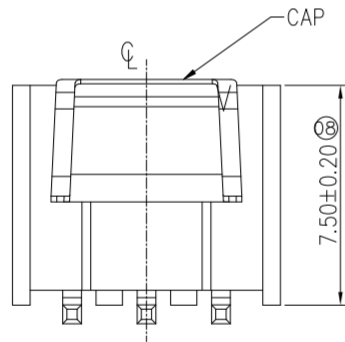
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	GENERAL TOLERANCE				PART NO.			
						.X ±0.35				2543WR-2*XX-LPXXXBX			
20240527	A1	/	Update Farne	Flynt Chen	Jack Zhang	.XX ±0.25				TITLE			
						.XXX±0.15				2.54mm Crimp Style Connectors			
						X' ±2"				UNIT			
						PROJECT				SCALE			
						APPROVAL				SHEET			
						Jack Zhang				REV			
						Larry Yang				NUMBER			
						Larry				CD			
						2021/07/02							

RoHS

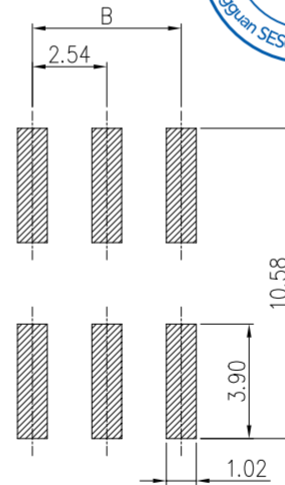
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



SECTION A-A



- Specifications :
- Current rating: 3A Max. AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 20m\Omega$
- After environmental testing: $\leq 40m\Omega$
- Material(Pin): Barss
- Mates With SESO Housing: 2543H
- "★" Represents special characteristics



Recommended PCB Layout
(General Tolerance: ± 0.05)

2543 W V S - 2*XX - LP SW1 B X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
- ② Category: W-wafer
- ③ Connector Type: V-Stright 180°
- ④ Mouting Type: S-SMT
- ⑤ Row No.-Pin No:
2*XX-Double Row 2*02-2*25Pin
- ⑥ Plastic material: LP-LCP UL94V-0
- ⑦ Plating Code:
SW1-Matte Tin plating 100u" Min overall,
Ni 50u" Min under plating.
- ⑧ Color: B-Black color
- ⑨ Packing: C-Reel and with CAP
R-Reel

Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
2*02	6.60	2.54	2*14	37.08	33.02
2*03	9.14	5.08	2*15	39.62	35.56
2*04	11.68	7.62	2*16	42.16	38.10
2*05	14.22	10.16	2*17	44.70	40.64
2*06	16.76	12.70	2*18	47.24	43.18
2*07	19.30	15.24	2*19	49.78	45.72
2*08	21.84	17.78	2*20	52.32	48.26
2*09	24.38	20.32	2*21	54.86	50.80
2*10	26.92	22.86	2*22	57.40	53.34
2*11	29.46	25.40	2*23	59.94	55.88
2*12	32.00	27.94	2*24	62.48	58.42
2*13	34.54	30.48	2*25	65.02	60.96

						GENERAL TOLERANCE		SMS 东莞市思索技术有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO.				
						.X ±0.35						2543WVS-2*XX-LPSW1BX				
						.XX ±0.25						TITLE: 2.54mm Crimp Style Connectors				
						.XXX±0.15										
						X.* ±2*		APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT		Jack Zhang	Larry Yang	BIN	2021/07/02	mm	4:1	1/1	A0	A-XXX
	1		2				5			6						8