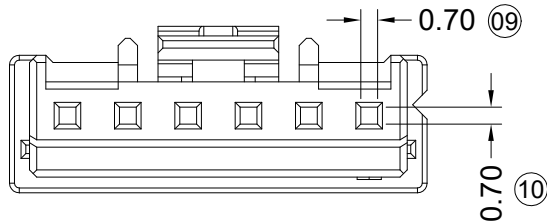
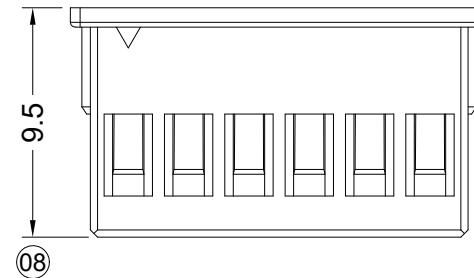
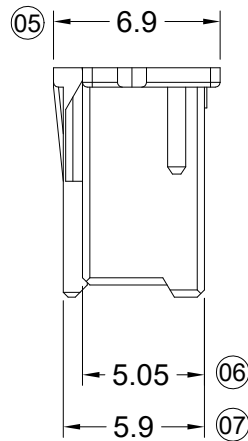
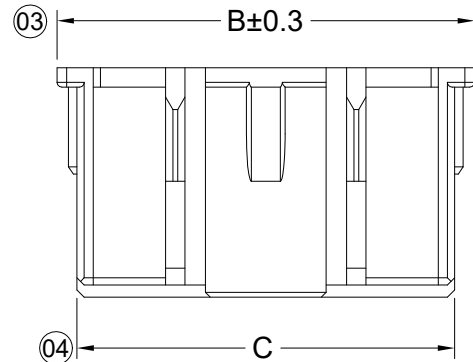
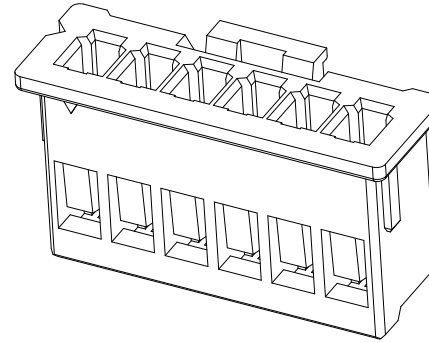
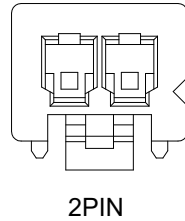
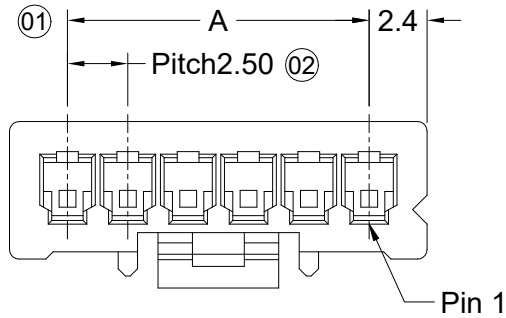


RoHS

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



■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ
- Suitable SESO Terminal: 2508T
- Mates With SESO Wafer: 2508W

2508 H X XX X-N0 XX - X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Series No.

② Category: H-HSG

③ Appearance type: Blank-ordinary

④ Row No.-Pin No.: XX-Single Row

⑤ Special No.: Blank-Ordinary
B-Special Packing

⑥ Material: N0-PA66 94V-0

⑦ Color: Blank-Natural Color

⑧ C- The glow-wire test of 750°C

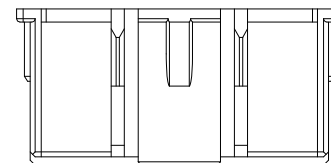
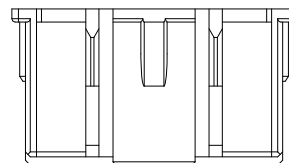
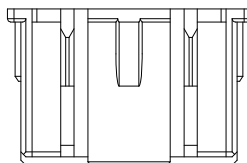
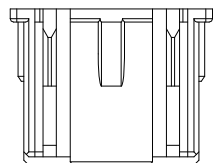
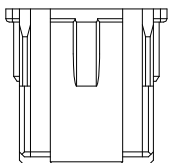
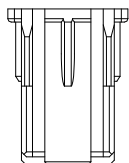
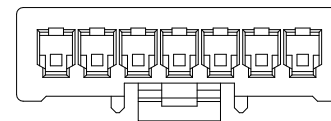
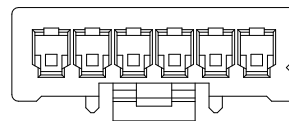
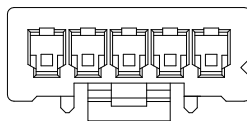
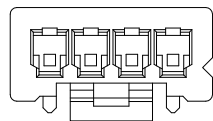
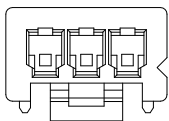
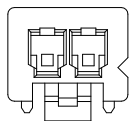
Poles	Dimensions (mm)		
	A	B	C
02	2.50	7.30	5.65
03	5.00	9.80	8.15
04	7.50	12.30	10.65
05	10.00	14.80	13.15
06	12.50	17.30	15.65
07	15.00	19.80	18.15
08	17.50	22.30	20.65
09	20.00	24.80	23.15
10	22.50	27.30	25.65
11	25.00	29.80	28.15
12	27.50	32.30	30.65
13	30.00	34.80	33.15
14	32.50	37.30	35.65
15	35.00	39.80	38.15



2021/05/06	C	EN120210506001	Add new product type	TengMin	John Yang	SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.	APPROVAL	CHECK	DRAWN	DATE	PART NO. 2508H-XXX-N0-X			
2020/03/31	B	EN20200331001	Update Drawing Frame	Zeng	Robing						TITLE 2.50 mm Crimp Style connectors			
2017/08/11	A	/	Initial release	Alan qin	Guo						UNIT SCALE SHEET REV NUMBER			
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL						mm 1:1 1/3 C A-022			

RoHS

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



2PIN

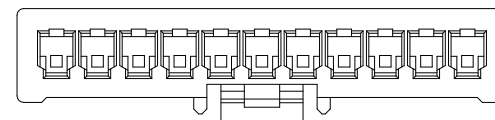
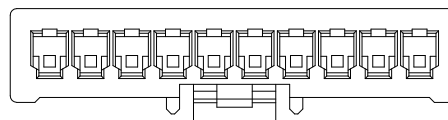
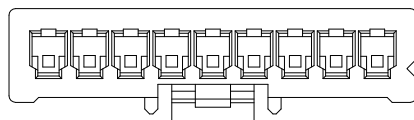
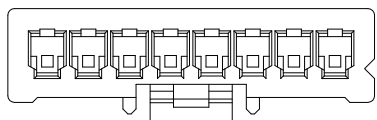
3PIN

4PIN

5PIN

6PIN

7PIN



8PIN

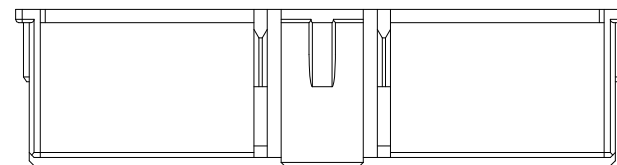
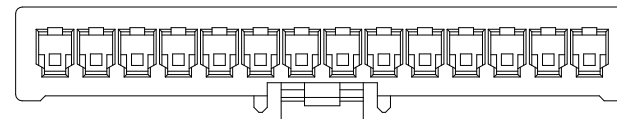
9PIN

10PIN

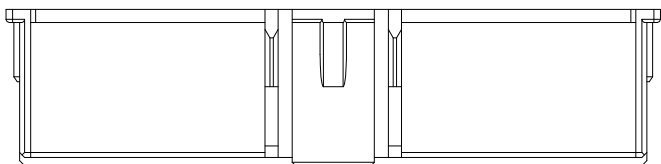
11PIN



2021/05/06	C	EN120210506001	Add new product type	TengMin	John Yang	GENERAL TOLERANCE	SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2508H-XXX-N0-X			
2020/03/31	B	EN20200331001	Update Drawing Frame	Zeng	Robing	.X ±0.30					TITLE 2.50 mm Crimp Style connectors			
						.XX ±0.20								
						.XXX ±0.10								
						X.° ±2°								
2017/08/11	A	/	Initial release	Alan qin	Guo	PROJECT	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL		Smark	Guo	Alan qin	2017/08/11	mm	1:1	2/3	C

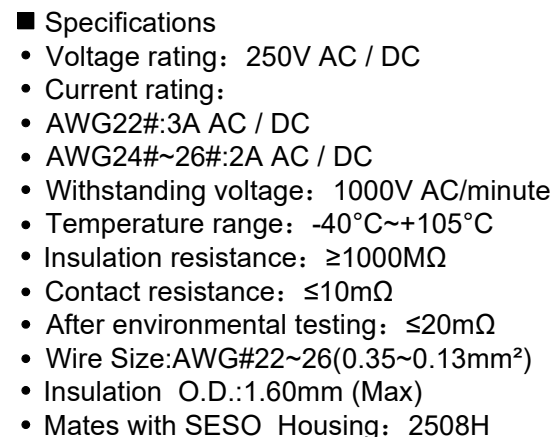


14PIN



15PIN

2021/05/06	C	EN120210506001	Add new product type	TengMin	John Yang	GENERAL TOLERANCE .X ±0.30 .XX ±0.20 .XXX ±0.10 X.° ±2° PROJECT  SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd. PART NO. 2508H-XXX-N0-X							
2020/03/31	B	EN20200331001	Update Drawing Frame	Zeng	Robing					TITLE 2.50 mm Crimp Style connectors			
2017/08/11	A	/	Initial release	Alan qin	Guo					APPROVAL CHECK DRAWN DATE			
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					Smark	Guo	Alan qin	2017/08/11
						UNIT mm	SCALE 1:1	SHEET 3/3	REV C	NUMBER A-022			



① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.
- ② Category:T-Terminal
- ③ Shape:Blank-ordinary
- ④ Material:P-Phosphor bronze
- ⑤ Plating Style:
SN1-Underplate:Ni 40~120u" (1~3um) overall
Top plating:Sn 80~200u"(2~5um) overall;
V05-Gold 5u" Min. ,Ni: 50u" Min. 
- ⑥ Plating Method:
Blank-Stamping before plating
- ⑦ Mold No./Mark/Special No.

2023/2/2	C1	/	Added gold plated 5u" specification	Sunny Huang	Larry Yang	GENERAL TOLERANCE SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd. APPROVAL CHECK DRAWN DATE				PART NO. 2508T-PXXX				
2021/03/23	C	ER20210323001	Add current information	Wang	John Yang					TITLE 2.50 mm Crimp Style connectors				
2020/03/31	B	EN20200331001	Update Drawing Frame	Zeng	Robing					UNITSCALESHEETREVNUMBER				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					mm8:11/1C1A-000				

RoHS

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

■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage:1000V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ
- Material(Pin):Brass
- Mates With SESO Housing:2508H

2508 W V X-XX XX- N0 XX XX X
①① ①② ①③ ①④ ①⑤ ①⑥ ①⑦ ①⑧ ①⑨ ①⑩

①① Series No.

①② Category: W-WAFER

①③ Connector Type: V-Straight 180°

①④ Mouting Type: Blank-DIP

①⑤ Row No.-Pin No.: XX-02P~15P

①⑥ Special No.:

Blank-Without a Post、With Kink

N1-Without a Post、Without Kink

P- With a Post、With Kink

P1-With a Post、Without Kink

P2-With a Post、Without Kink,DIP=4.5mm^{①③}

N2-Without a Post、Without Kink,DIP=2.4mm

N3-Without a Post、Without Kink,DIP=4.5mm^{①③}

①⑦ Material: N0-PA66 94V-0

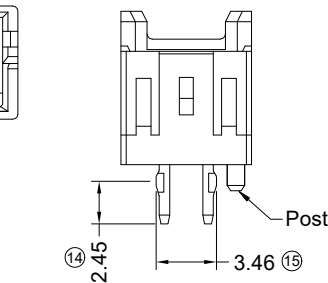
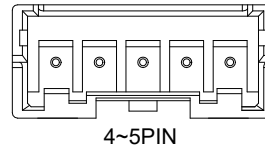
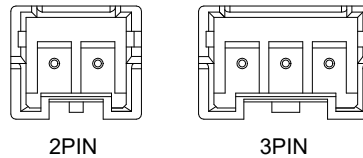
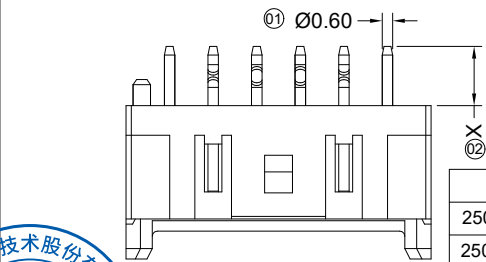
①⑧ Plating Code: SN-Bright Tin Plating ;

V05-Gold 5u" Min. ,Ni: 50u" Min.^{①⑨}

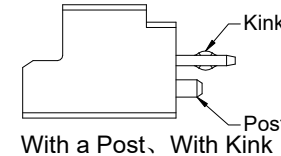
①⑨ Color : Blank-Natural Color

①⑩ Packing : Blank-PE Bag、T-Tray、C:With Cap

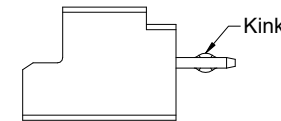
Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
02	2.50	7.50	09	20.00	25.00
03	5.00	10.00	10	22.50	27.50
04	7.50	12.50	11	25.00	30.00
05	10.00	15.00	12	27.50	32.50
06	12.50	17.50	13	30.00	35.00
07	15.00	20.00	14	32.50	37.50
08	17.50	22.50	15	35.00	40.00



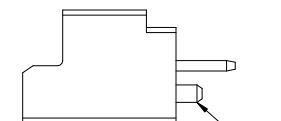
△ Special specifications: 2PIN Kink mode
(left and right Kink)
Special part number: 2508WV-02A/AP-XXXX



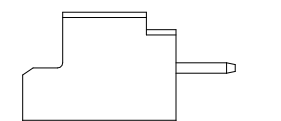
With a Post、With Kink



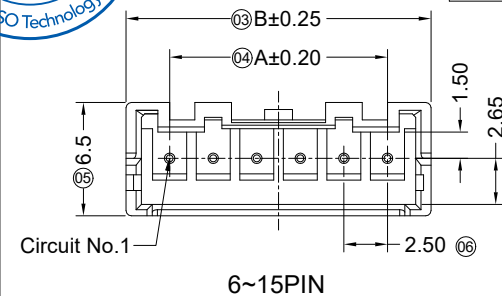
Without a Post、With Kink



With a Post、Without Kink

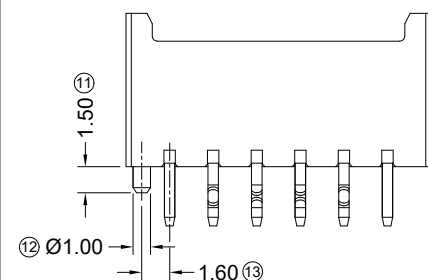
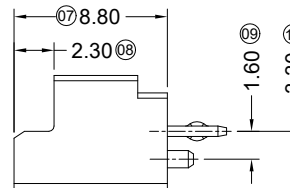


Without a Post、Without Kink

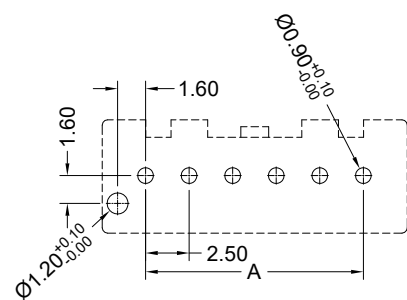


Circuit No.1

6~15PIN



①② Ø1.00 ①③ 1.60



RECOMMENDED P.C.B LAYOUT
(TOLERANCE:±0.05)

2023/9/19	D3	/	Add encoding and description for P2 and N3	Larry Lin	Jack Zhang	GENERAL TOLERANCE .X ±0.30 .XX ±0.20 .XXX ±0.10 X° ±2° PROJECT APPROVAL CHECK DRAWN DATE Jack Zhang Larry Yang Alan qin 2017/11/21		PART NO. 2508WV-XXXX-N0XXXX TITLE 2.50 mm Crimp Style connectors UNIT SCALE SHEET REV NUMBER mm 1:1 1/2 D3 A-000	
2023/2/2	D2	/	Added gold plated 5u" specification	Sunny Huang	Larry Yang				
2022/11/15	D1	/	New Specifications	Zeng	Larry				
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

F

E

D

C

B

A

F

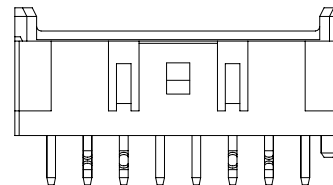
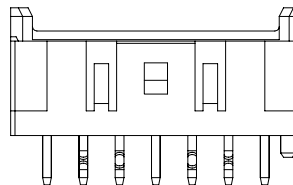
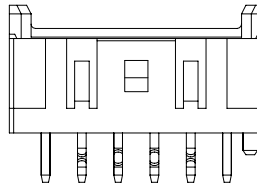
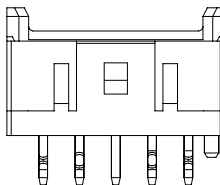
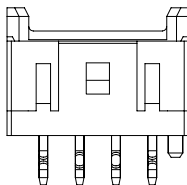
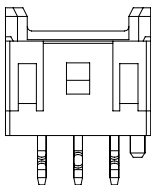
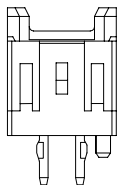
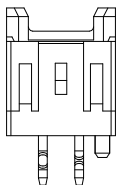
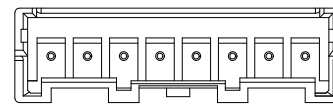
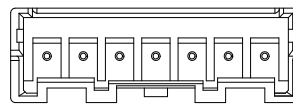
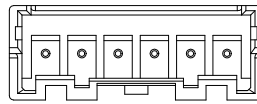
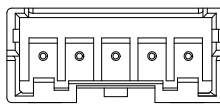
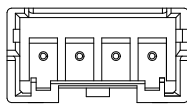
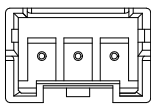
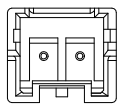
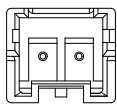
E

D

C

B

A



2Pin

△ Special: 2Pin

3Pin

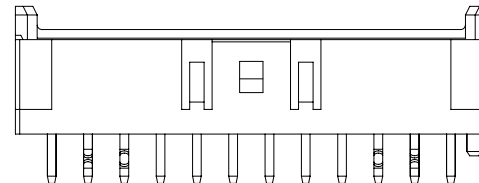
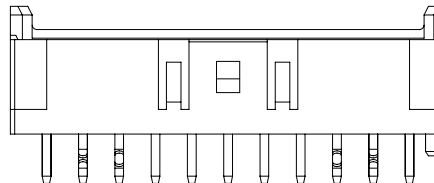
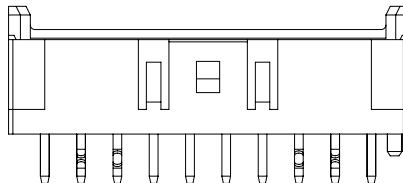
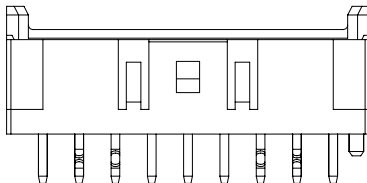
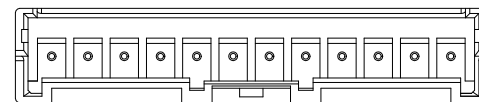
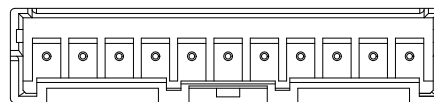
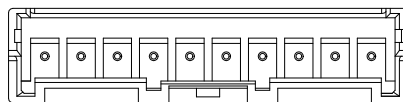
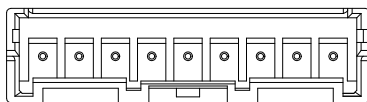
4Pin

5Pin

6Pin

7Pin

8Pin

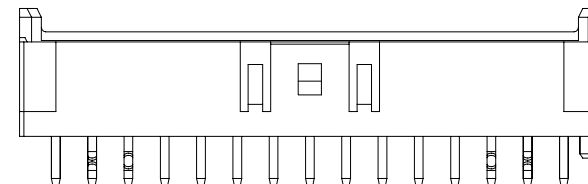
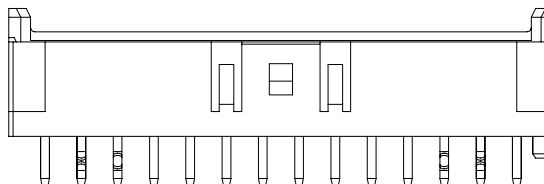
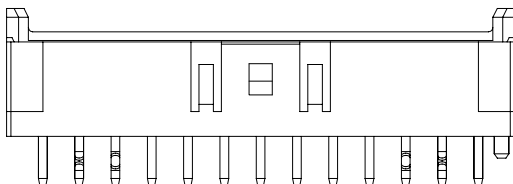
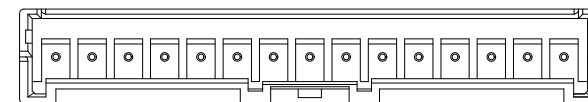
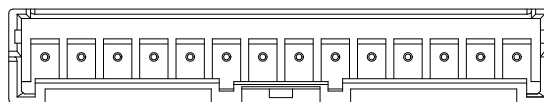
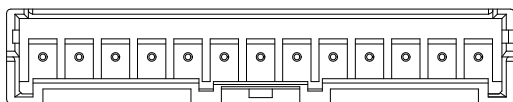


9Pin

10Pin

11Pin

12Pin



13Pin

14Pin

15Pin

2023/9/19

D3

/

Add encoding and description for P2 and N3

Larry Lin

Jack Zhang

GENERAL TOLERANCE

.X ±0.30

.XX ±0.20

.XXX ±0.10

X.° ±2°

PROJECT



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

PART NO.

2508WV-XXXX-N0XXXX

TITLE

2.50 mm Crimp Style connectors

DATE

REV

ECN NO

DESCRIPTION

MODIFY

APPROVAL

APPROVAL

CHECK

DRAWN

DATE

Jack Zhang

Larry Yang

Alan qin

2017/11/21

UNIT

SCALE

SHEET

REV

NUMBER

mm

1:1

2/2

D3

A-000

1

2

3

4

5

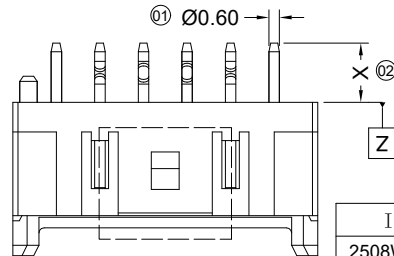
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7

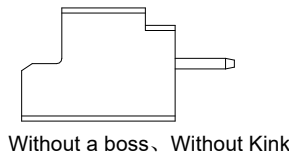
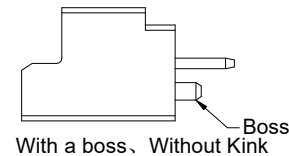
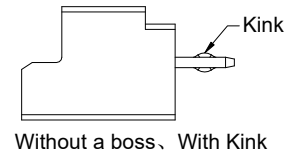
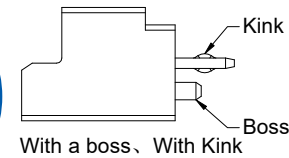
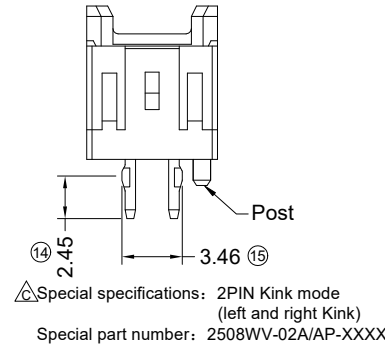
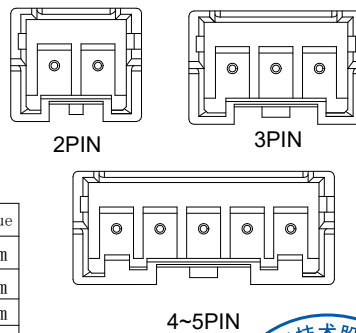
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RoHS

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



Item number	X value
2508WV-XX-XXXX	3.4mm
2508WV-XXP-XXXX	3.4mm
2508WV-XXP1-XXXX	3.4mm
2508WV-XXP2-XXXX	4.5mm
2508WV-XXN1-XXXX	3.4mm
2508WV-XXN2-XXXX	2.4mm
2508WV-XXN3-XXXX	4.5mm



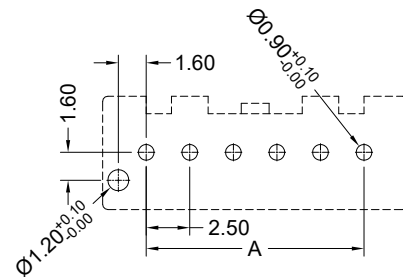
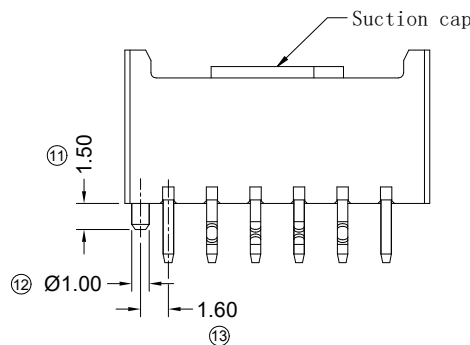
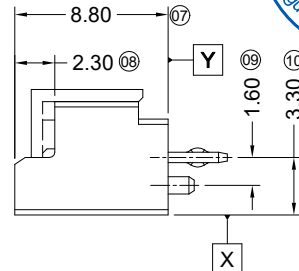
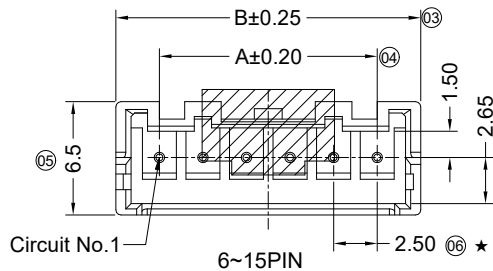
■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ
- Material(Pin): Brass
- Mates With SESO Housing: 2508H

2508 W V X-XX XX- XX XX XX X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
② Category: W-WAFER
③ Welding Board Angle: V-Straight 180°
④ Welding Way: Blank-DIP
⑤ Row No.-Pin No.: XX-02P~15P
⑥ Special No.:
Blank-Without a boss、With Kink
N1-Without a boss、Without Kink
P-With a boss、With Kink
P1-With a boss、Without Kink
P2-With a Post、Without Kink, DIP=4.5mm
N2-Without a Post、Without Kink, DIP=2.4mm
N3-Without a Post、Without Kink, DIP=4.5mm
⑦ Material: 9T-PA9T 94V-0
⑧ Plating Category: SN-Bright Tin Plating
V01-Gold Flash
⑨ Color : Blank-Natural Color
⑩ Packing : Blank-Bag T-Tray C-Reel(With CAP)

Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
02	2.50	7.50	09	20.00	25.00
03	5.00	10.00	10	22.50	27.50
04	7.50	12.50	11	25.00	30.00
05	10.00	15.00	12	27.50	32.50
06	12.50	17.50	13	30.00	35.00
07	15.00	20.00	14	32.50	37.50
08	17.50	22.50	15	35.00	40.00



RECOMMENDED P.C.B LAYOUT
(TOLERANCE: ±0.05)

A						GENERAL TOLERANCE				PART NO. 2508WV-XXXX-9TXXXXX				A				
															SMS 东莞市思索技术有限公司 Dongguan SESO Technology Co.,Ltd.			
	2023/09/19	E1	/	Add encoding and description for P2, N2, and N3	Larry Lin	Jack Zhang	.X ±0.30	.XX ±0.20	.XXX ±0.10	APPROVAL	CHECK	DRAWN	DATE		TITLE			
	2021/08/18	E	EN20210818002	Add with cap p/n	Mali	Alan qin	X.° ±2°	2.50 mm Crimp Style connectors										
	DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT								Alan qin	2017/11/21	UNIT	SCALE
												mm	1:1	1/2	E1	A-000		
	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

F

E

D

C

B

A

F

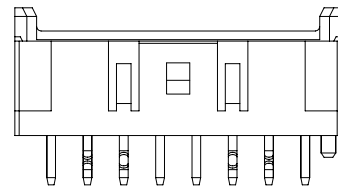
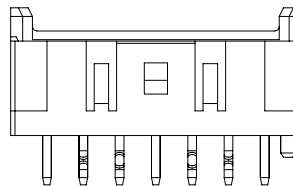
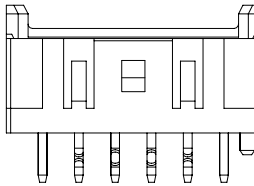
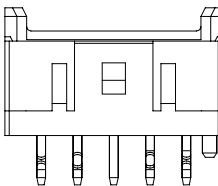
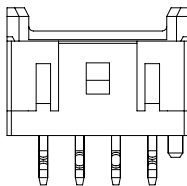
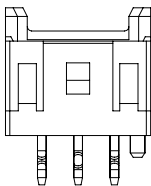
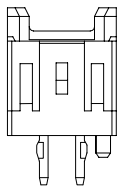
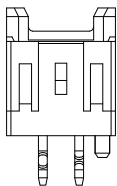
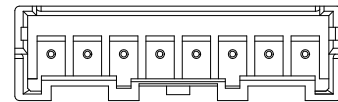
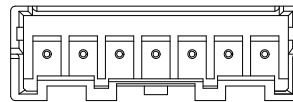
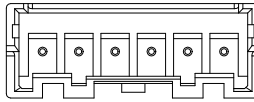
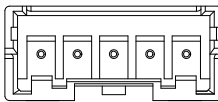
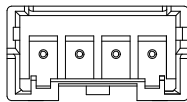
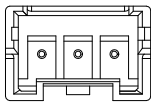
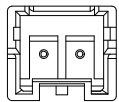
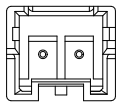
E

D

C

B

A



2Pin

△ Special: 2Pin

3Pin

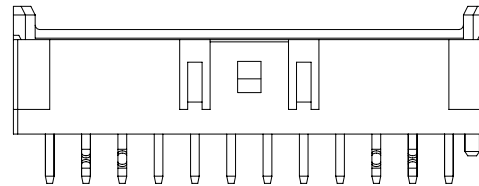
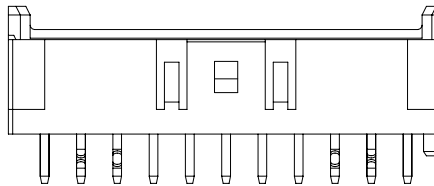
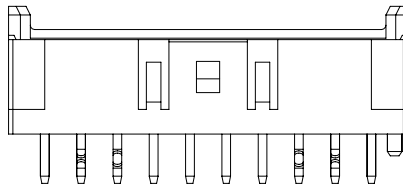
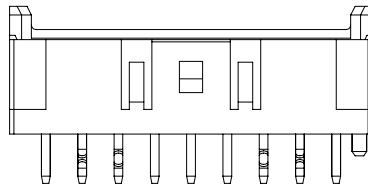
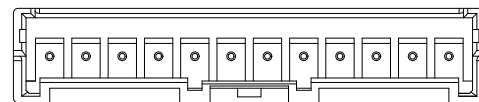
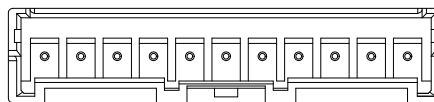
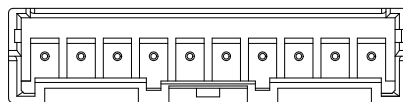
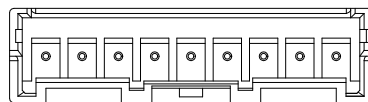
4Pin

5Pin

6Pin

7Pin

8Pin

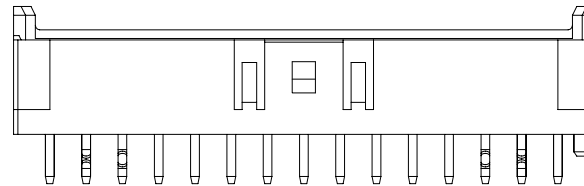
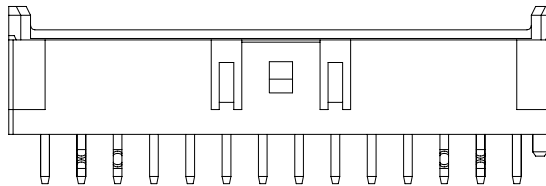
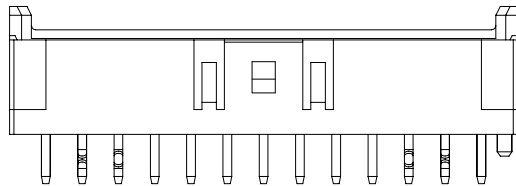
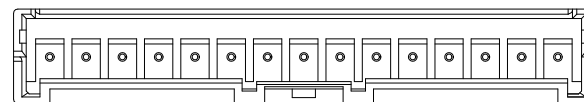
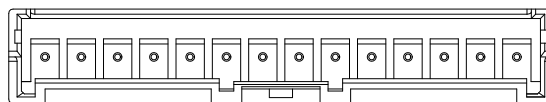
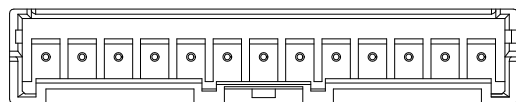


9Pin

10Pin

11Pin

12Pin



13Pin

14Pin

15Pin



						GENERAL TOLERANCE		SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2508WV-XXXX-9TXXXXX				
						.X ±0.30						TITLE 2.50 mm Crimp Style connectors				
2023/09/19	E1	/	Add encoding and description for P2, N2, and N3	Larry Lin	Jack Zhang	.XX ±0.20										
						.XXX ±0.10										
2021/08/18	E	EN20210818002	Add with cap p/n	Mali	Alan qin	X ° ±2°		APPROVAL	CHECK	DRAWN	DATE	UNIT SCALE SHEET REV NUMBER				
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT 				Alan qin	2017/11/21	mm	1:1	2/2	E1	A-000

RoHS

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



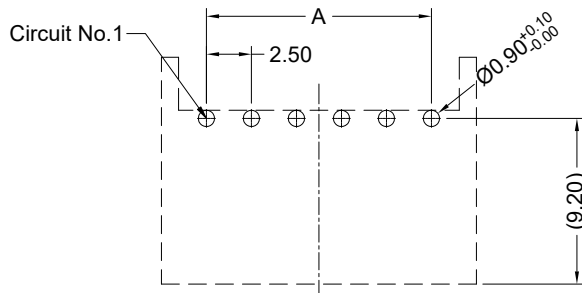
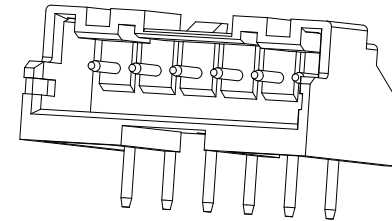
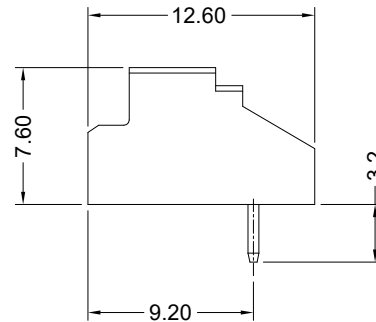
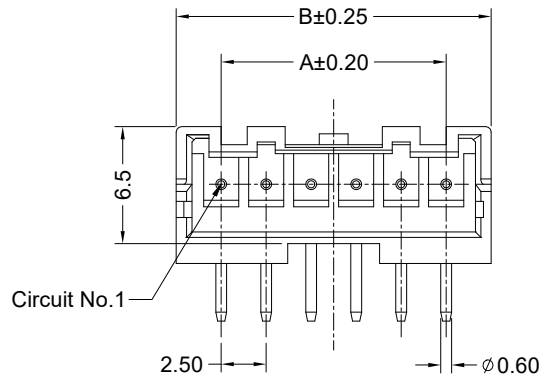
Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
02	2.50	7.50	09	20.00	25.00
03	5.00	10.00	10	22.50	27.50
04	7.50	12.50	11	25.00	30.00
05	10.00	15.00	12	27.50	32.50
06	12.50	17.50	13	30.00	35.00
07	15.00	20.00	14	32.50	37.50
08	17.50	22.50	15	35.00	40.00

■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage:1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ
- Material(Pin):Brass
- Mates With SESO Housing:2508H、2513H

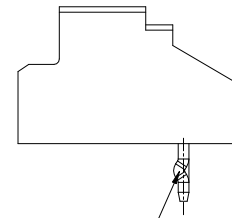
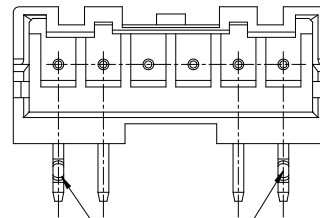
2508 W R X-XX X-9T SN X X - X
⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑

- ⑪ Series No.
- ⑫ Category: W-Wafer
- ⑬ Connector Type: R-Right angle 90°
- ⑭ Mounting Type: Blank-DIP
- ⑮ Row No.-Pin No.: XX-02P~15P
- ⑯ Special No.:N-Without post and without kink
△ Blank-Without post and with kink
- ⑰ Material: 9T-PA9T UL94V-0
- ⑱ Plating Code: SN-Bright Tin Plating
Underplate:Ni 40~120u"(1~3um) overall
Top plating:Sn 80~200u"(2~5um) overall
- ⑲ Color : Blank-Natural color;GW-Grey
- ⑳ Packing : Blank-PE bag、T-Tray

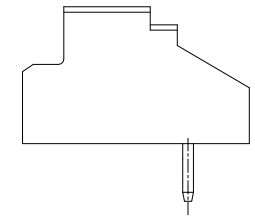
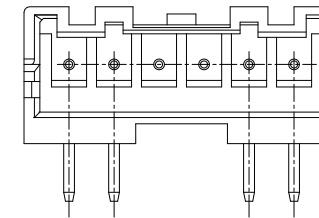


RECOMMENDED P.C.B LAYOUT T=1.60mm
(TOLERANCE:±0.05)

△ 2508WR-XX-9TSNXX-X

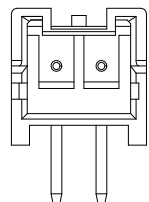


2508WR-XXN-9TSNXX-X

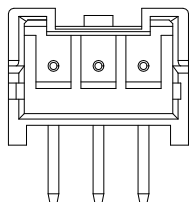


2023/10/31	F1	/	Update borders	Larry Lin	Jack Zhang	GENERAL TOLERANCE .X ±0.30 .XX ±0.20 .XXX ±0.10 X.° ±2° PROJECT  <td colspan="4" rowspan="4"> SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd. </td> <td colspan="5">PART NO.</td>		SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO.				
2021/05/06	F	EN120210506001	Add new product type	TengMin	John Yang							2508WR-XXX-9TSNXX-X				
2021/03/31	E	EN120210331001	Add the specification with kink	Xin Qing	John Yang							TITLE				
												2.50 mm Crimp Style connectors				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	Jack Zhang	Larry Yang	Larry Lin	2018/04/16	UNIT	SCALE	SHEET	REV	NUMBER		
										mm	1:1	1/2	F1	CD		

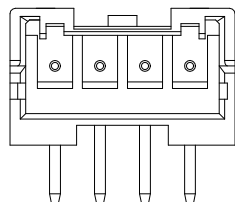
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



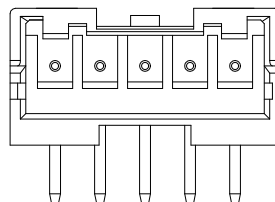
2Pin



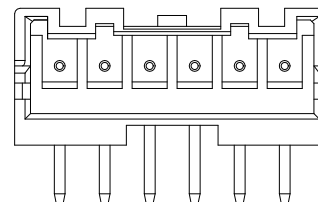
3Pin



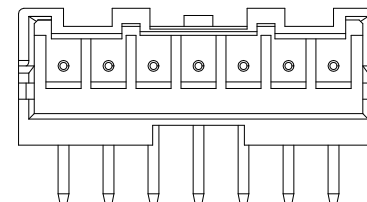
4Pin



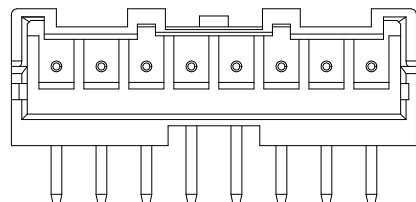
5Pin



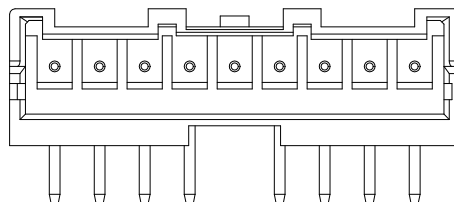
6Pin



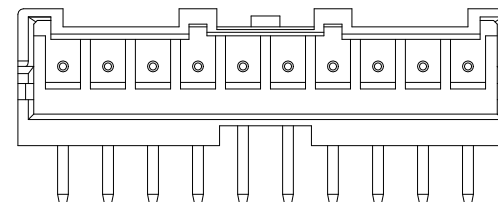
7Pin



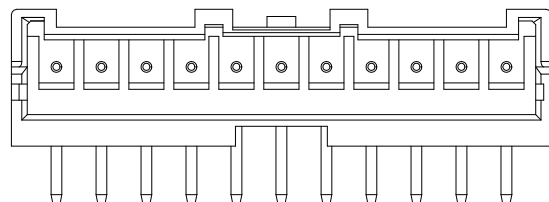
8Pin



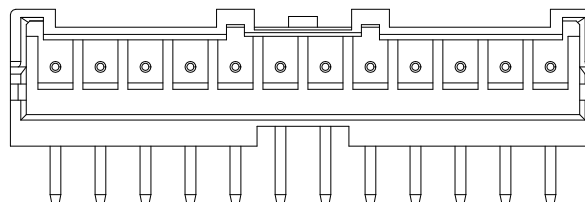
9Pin



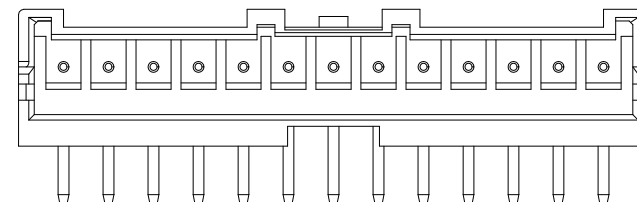
10Pin



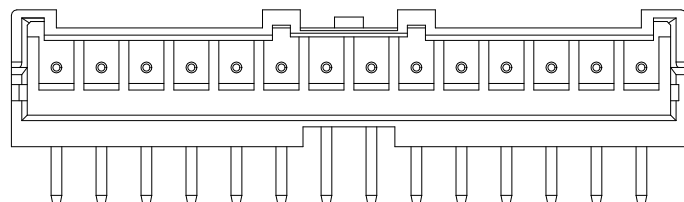
11Pin



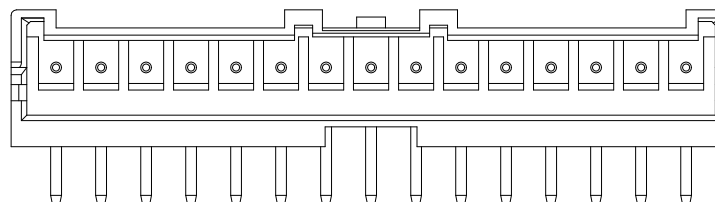
12Pin



13Pin



14Pin



15Pin



2023/10/31	F1	/	Update borders	Larry Lin	Jack Zhang	GENERAL TOLERANCE .X ±0.30 .XX ±0.20 .XXX ±0.10 X.° ±2° PROJECT SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2508WR-XXX-9TSNXX-X								
2021/05/06	F	EN120210506001	Add new product type	TengMin	John Yang					TITLE 2.50 mm Crimp Style connectors								
2021/03/31	E	EN120210331001	Add the specification with kink	Xin Qing	John Yang					APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					Jack Zhang	Larry Yang	Larry Lin	2018/04/16	mm	1:1	2/2	F1	CD

RoHS

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



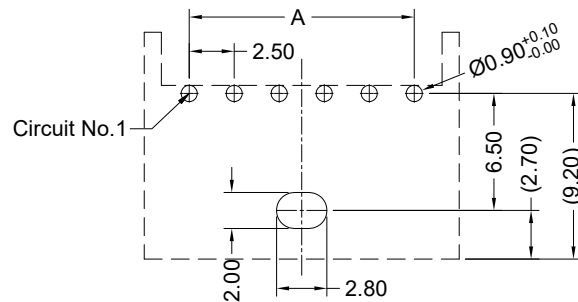
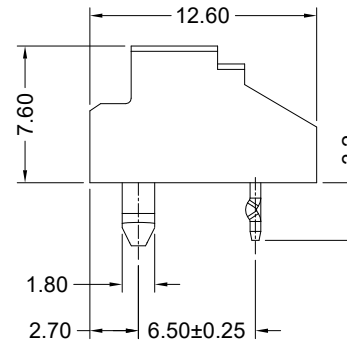
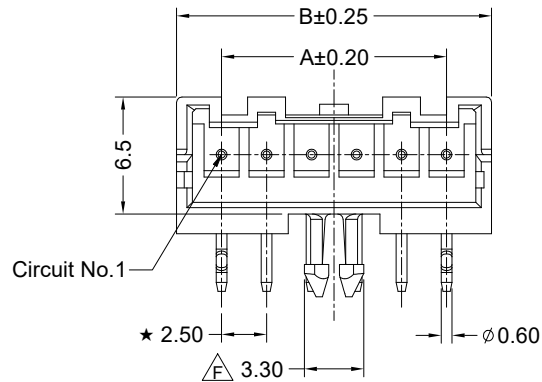
Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
02	2.50	7.50	09	20.00	25.00
03	5.00	10.00	10	22.50	27.50
04	7.50	12.50	11	25.00	30.00
05	10.00	15.00	12	27.50	32.50
06	12.50	17.50	13	30.00	35.00
07	15.00	20.00	14	32.50	37.50
08	17.50	22.50	15	35.00	40.00

■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage:1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ
- Material(Pin):Brass
- Mates With SESO Housing:2508H、2513H

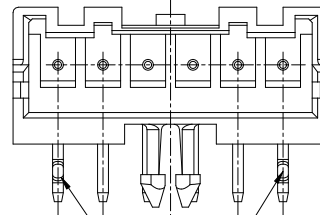
2508 W R X-XX X- 9T SN X X
⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳

- ⑪ Series No.
⑫ Category: W-Wafer
⑬ Connector Type: R-Right angle 90°
⑭ Mounting Type: Blank-DIP
⑮ Row No.-Pin No.: XX-02P~15P
⑯ Special No.:S-With post and with kink
△ S1-With post and without kink
⑰ Material: 9T-PA9T UL94V-0
⑱ Plating Code: SN-Bright Tin Plating
Underplate:Ni 40~120u"(1~3um) overall
Top plating:Sn 80~200u"(2~5um) overall
⑲ Color : Blank-Natural color; GW-Grey
⑳ Packing : Blank-PE bag、T-Tray

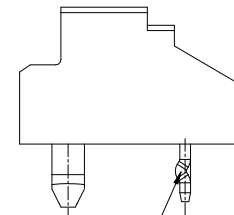


RECOMMENDED P.C.B LAYOUT T=1.60mm
(TOLERANCE:±0.05)

2508WR-XXS-9TSNXX

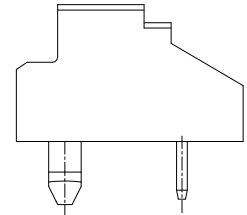
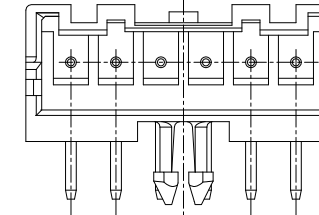


Kink



Kink

△ 2508WR-XXS1-9TSNXX



2023/10/31

F1

/

Update borders

Larry Lin

Jack Zhang

GENERAL TOLERANCE

.X ±0.30

.XX ±0.20

.XXX ±0.10

X.° ±2°

PROJECT

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

PART NO.

2508WR-XXX-9TSNXX

TITLE

2.50 mm Crimp Style connectors

UNIT

SCALE

SHEET

REV

NUMBER

mm

1:1

1/2

F1

CD

DATE

REV

ECN NO.

DESCRIPTION

MODIFY

APPROVAL

APPROVAL

CHECK

DRAWN

DATE

Jack Zhang

Larry Yang

Larry Lin

2017/11/21

1

2

3

4

5

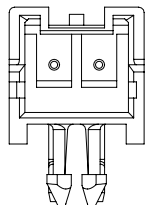
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7

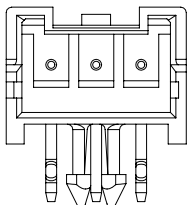
8

RoHS

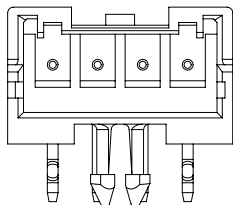
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



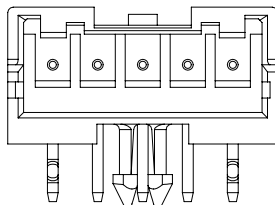
2Pin



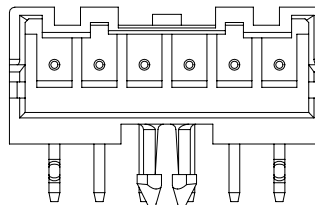
3Pin



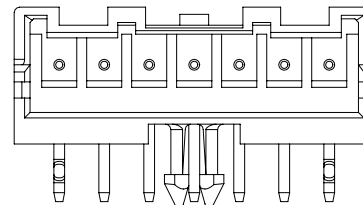
4Pin



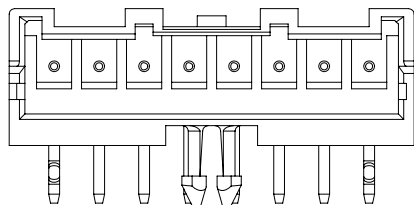
5Pin



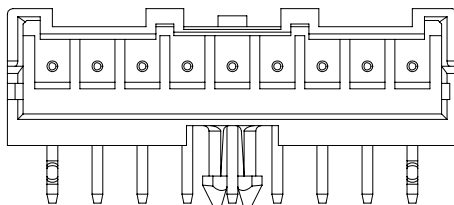
6Pin



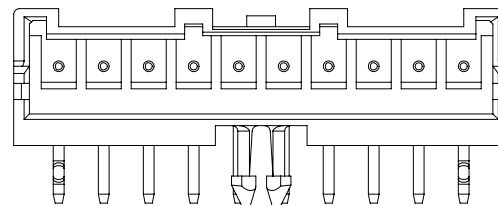
7Pin



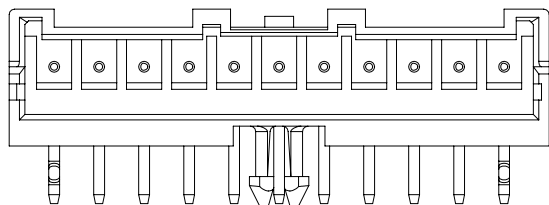
8Pin



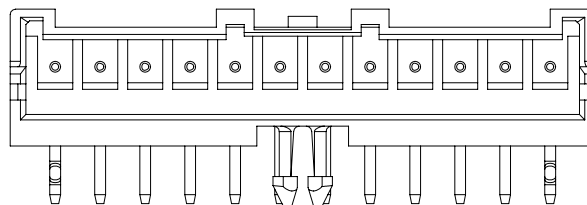
9Pin



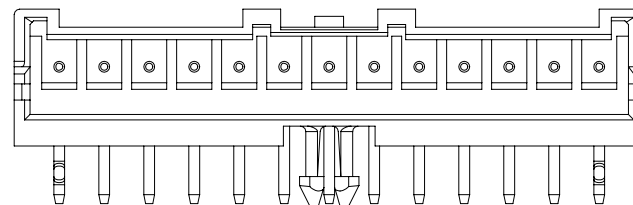
10Pin



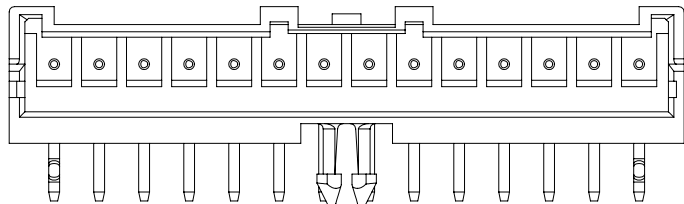
11Pin



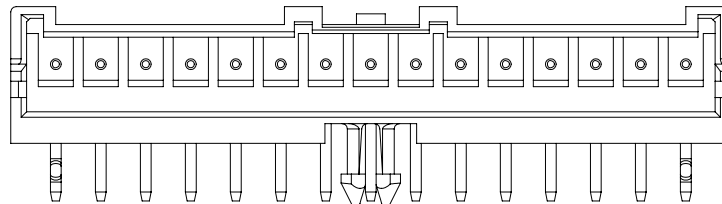
12Pin



13Pin



14Pin



15Pin



2023/10/31	F1	/	Update borders	Larry Lin	Jack Zhang	GENERAL TOLERANCE .X ±0.30 .XX ±0.20 .XXX ±0.10 X.° ±2° PROJECT  SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2508WR-XXX-9TSNXX				
2021/05/06	F	EN120210506001	Modify the post structure	Cai Zhao	John Yang					TITLE				
2021/03/31	E	EN120210331001	Add the specification without kink	Xin Qing	John Yang					2.50 mm Crimp Style connectors				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					APPROVAL	CHECK	DRAWN	DATE	UNIT
						Jack Zhang	Larry Yang	Larry Lin	2017/11/21	mm	1:1	2/2	F1	CD

RoHS

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



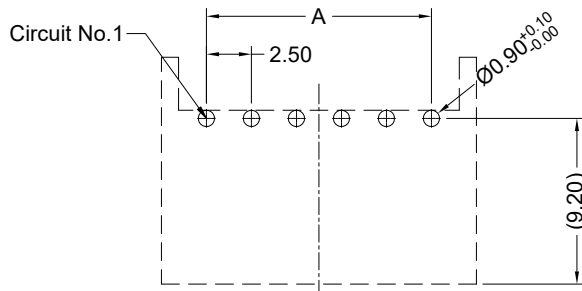
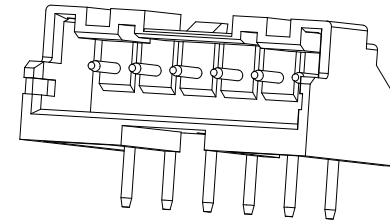
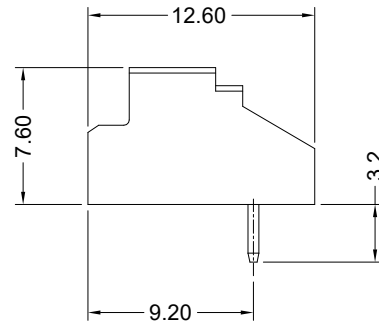
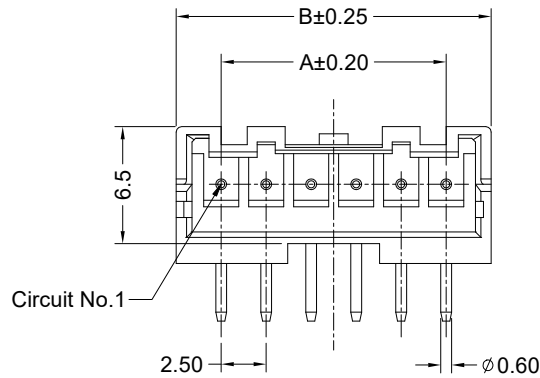
Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
02	2.50	7.50	09	20.00	25.00
03	5.00	10.00	10	22.50	27.50
04	7.50	12.50	11	25.00	30.00
05	10.00	15.00	12	27.50	32.50
06	12.50	17.50	13	30.00	35.00
07	15.00	20.00	14	32.50	37.50
08	17.50	22.50	15	35.00	40.00

■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage:1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ
- Material(Pin):Brass
- Mates With SESO Housing:2508H、2513H

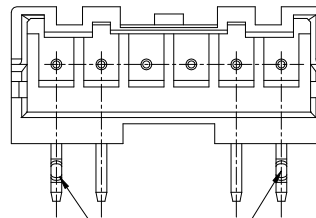
2508 W R X-XX X-N0 SN X X - X
①① ①② ①③ ①④ ①⑤ ①⑥ ①⑦ ①⑧ ①⑨ ①⑩ ①⑪

- ①① Series No.
- ①② Category: W-Wafer
- ①③ Connector Type: R-Right angle 90°
- ①④ Mounting Type: Blank-DIP
- ①⑤ Row No.-Pin No.: XX-02P~15P
- ①⑥ Special No.:N-Without post and without kink
△ Blank-Without post and with kink
- ①⑦ Material: N0-PA66 UL94V-0
- ①⑧ Plating Code: SN-Bright Tin Plating
Underplate:Ni 40~120u"(1~3um) overall
Top plating:Sn 80~200u"(2~5um) overall
- ①⑨ Color : Blank-Natural color;GW-Grey;R-Red △
- ①⑩ Packing : Blank-PE bag、T-Tray
- ①⑪ C- The glow-wire test of 750°C △

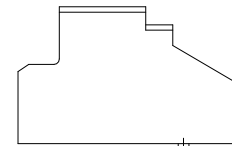


RECOMMENDED P.C.B LAYOUT T=1.60mm
(TOLERANCE:±0.05)

△ 2508WR-XX-N0SNXX-X

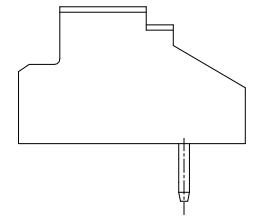
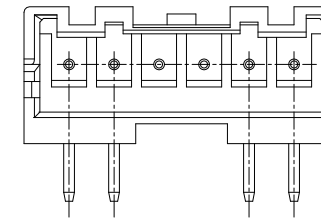


Kink



Kink

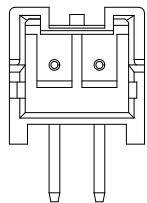
2508WR-XXN-N0SNXX-X



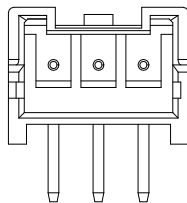
2023/10/31	F1	/	Update borders	Larry Lin	Jack Zhang	GENERAL TOLERANCE .X ±0.30 .XX ±0.20 .XXX ±0.10 X.° ±2° PROJECT ①① ①②		SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.		PART NO. 2508WR-XXX-N0SNXX-X	
2021/05/06	F	EN120210506001	Add new product type	TengMin	John Yang					TITLE 2.50 mm Crimp Style connectors	
2021/03/31	E	EN120210331001	Add the specification with kink and red	Xin Qing	John Yang					UNIT mm	
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					SCALE 1:1	SHEET 1/2
						APPROVAL Jack Zhang	CHECK Larry Yang	DRAWN Larry Lin	DATE 2018/04/16	REV F1	NUMBER CD

RoHS

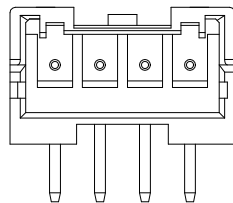
This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



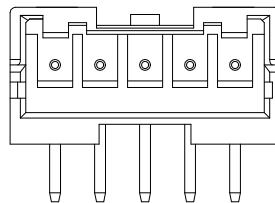
2Pin



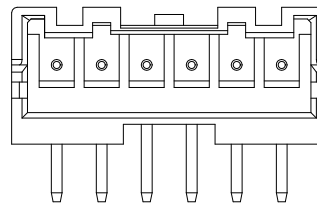
3Pin



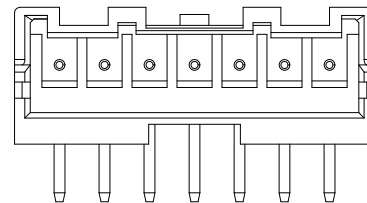
4Pin



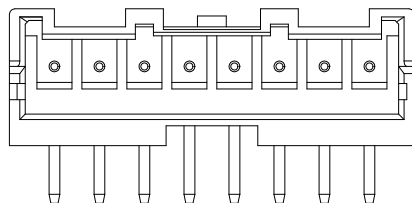
5Pin



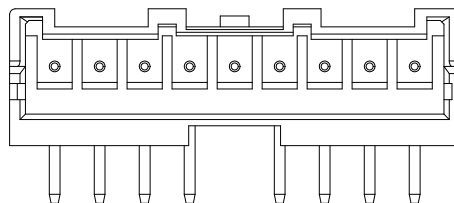
6Pin



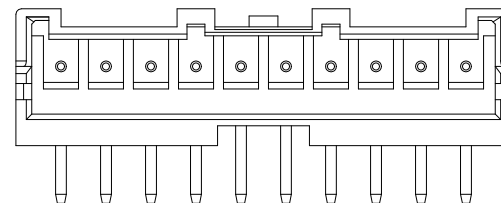
7Pin



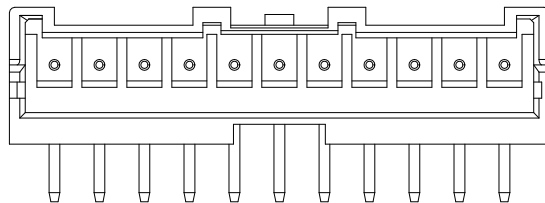
8Pin



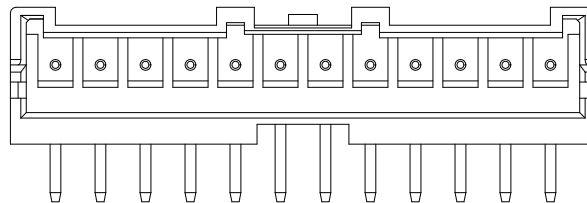
9Pin



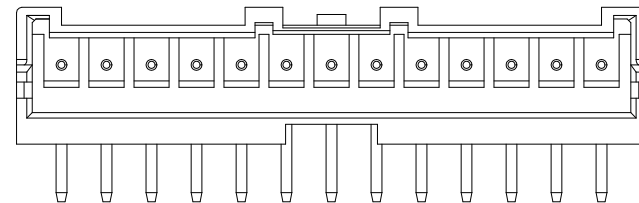
10Pin



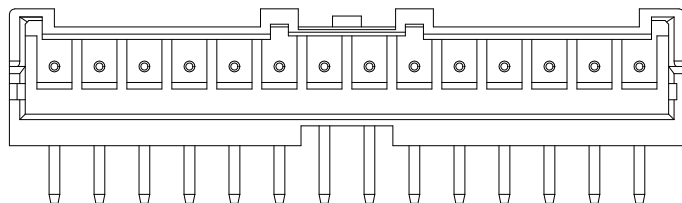
11Pin



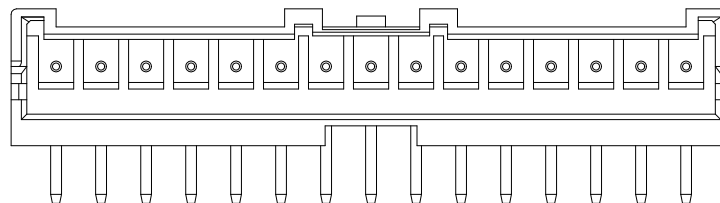
12Pin



13Pin



14Pin



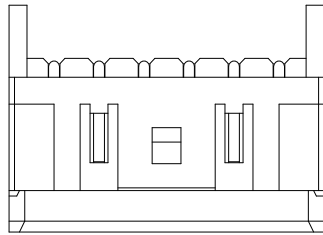
15Pin



2023/10/31	F1	/	Update borders	Larry Lin	Jack Zhang	GENERAL TOLERANCE .X ±0.30 .XX ±0.20 .XXX ±0.10 X.° ±2° PROJECT SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO.							
2021/05/06	F	EN120210506001	Add new product type	TengMin	John Yang					2508WR-XXX-N0SNXX-X							
2021/03/31	E	EN120210331001	Add the specification with kink and red	Xin Qing	John Yang					TITLE							
										2.50 mm Crimp Style connectors							
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	APPROVAL				CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
						Jack Zhang				Larry Yang	Larry Lin	2018/04/16	mm	1:1	2/2	F1	CD

RoHS

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



Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
02	2.50	7.50	09	20.00	25.00
03	5.00	10.00	10	22.50	27.50
04	7.50	12.50	11	25.00	30.00
05	10.00	15.00	12	27.50	32.50
06	12.50	17.50	13	30.00	35.00
07	15.00	20.00	14	32.50	37.50
08	17.50	22.50	15	35.00	40.00

■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage:1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ
- Material(Pin):Brass
- Mates With SESO Housing:2508H、2513H

2508 W R X-XX X- N0 SN X X - X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

① Series No.

② Category: W-Wafer

③ Connector Type: R-Right angle 90°

④ Mouting Type: Blank-DIP

⑤ Row No.-Pin No.: XX-02P~15P

⑥ Special No.:S-With post and with kink

△ S1-With post and without kink

⑦ Material: N0-PA66 UL94V-0

⑧ Plating Code: SN-Bright Tin Plating

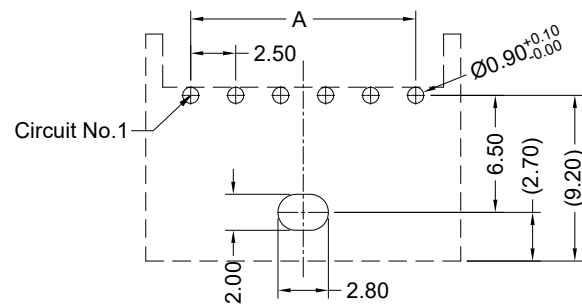
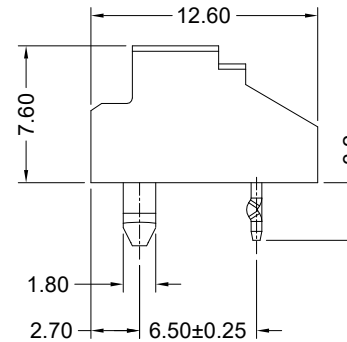
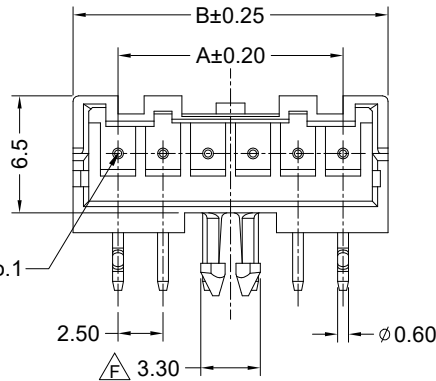
Underplate:Ni 40~120u"(1~3um) overall

Top plating:Sn 80~200u"(2~5um) overall

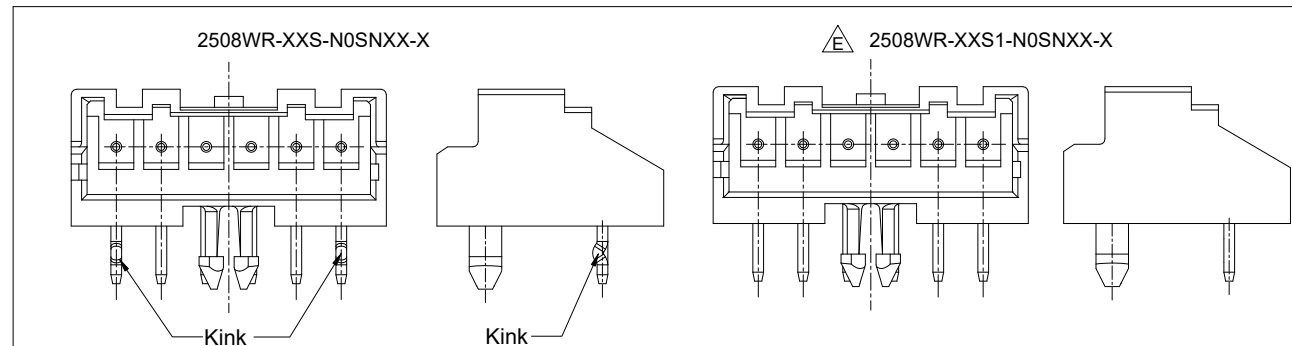
⑨ Color : Blank-Natural color; GW-Grey;R-Red △

⑩ Packing : Blank-PE bag、T-Tray

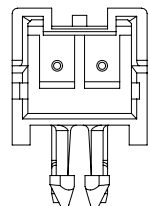
⑪ C- The glow-wire test of 750°C △



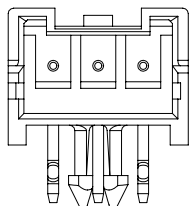
RECOMMENDED P.C.B LAYOUT T=1.60mm
(TOLERANCE:±0.05)



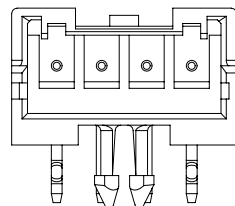
2023/10/31	F1	/	Update borders	Larry Lin	Jack Zhang	GENERAL TOLERANCE .X ±0.30 .XX ±0.20 .XXX ±0.10 X.° ±2° PROJECT ① ②		SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2508WR-XXX-N0SNXX-X				
2021/05/06	F	EN120210506001	Modify the post structure and add new product type	Cai Zhao	John Yang							TITLE 2.50 mm Crimp Style connectors				
2021/03/31	E	EN120210331001	Add the specification without kink and red	Xin Qing	John Yang							UNIT SCALE SHEET REV NUMBER mm 1:1 1/2 F1 CD				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL							APPROVAL CHECK DRAWN DATE Jack Zhang Larry Yang Larry Lin 2017/11/21				



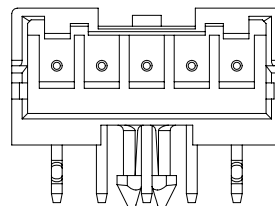
2Pin



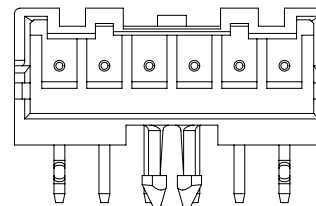
3Pin



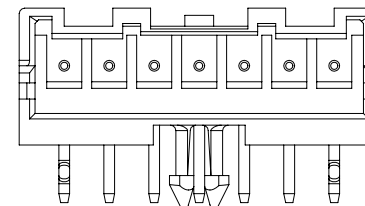
4Pin



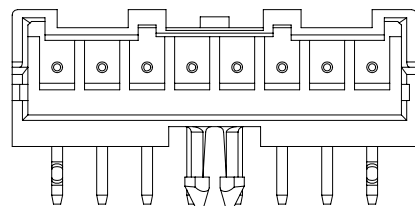
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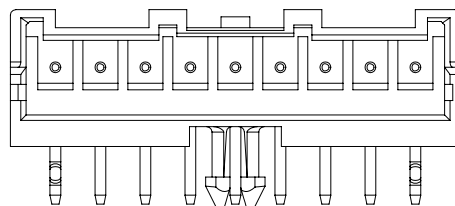
6Pin



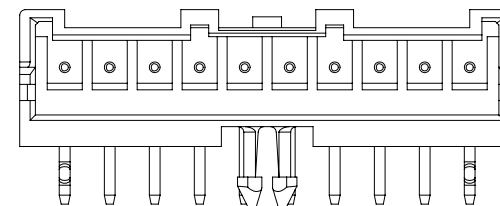
7Pin



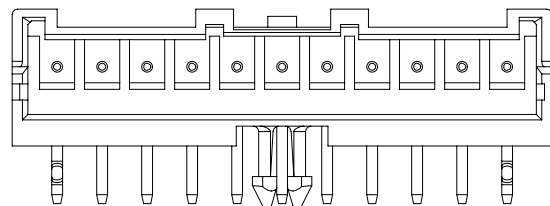
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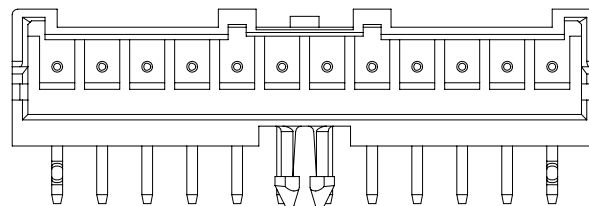
9Pin



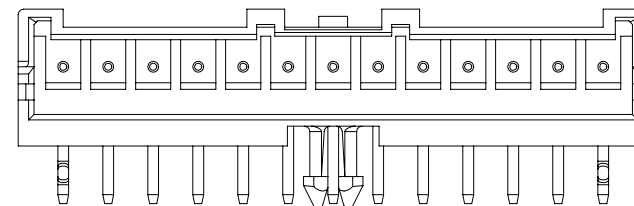
10Pin



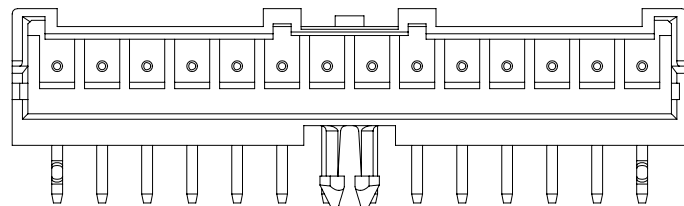
11Pin



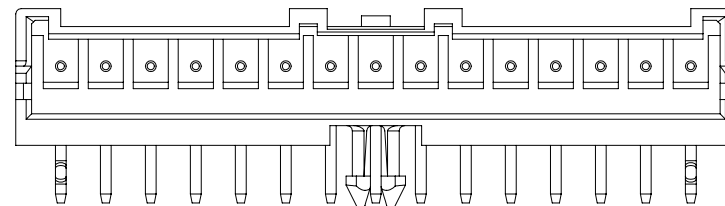
12Pin



13Pin



14Pin



15Pin



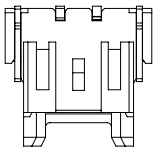
2023/10/31	F1	/	Update borders	Larry Lin	Jack Zhang	GENERAL TOLERANCE .X ±0.30 .XX ±0.20 .XXX ±0.10 X.* ±2° PROJECT SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd. PART NO. 2508WR-XXX-N0SNXX-X								
2021/05/06	F	EN120210506001	Modify the post structure and add new product type	Cai Zhao	John Yang					APPROVALCHECKDRAWNDATE				
2021/03/31	E	EN120210331001	Add the specification without kink and red	Xin Qing	John Yang									TITLE 2.50 mm Crimp Style connectors
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					Jack Zhang	Larry Yang	Larry Lin	2017/11/21	

RoHS

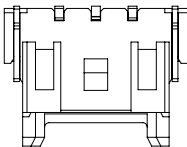
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



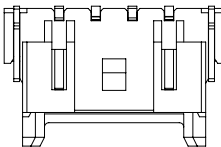
02 Pin



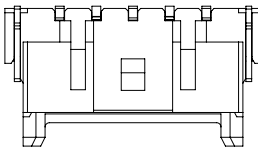
03 Pin



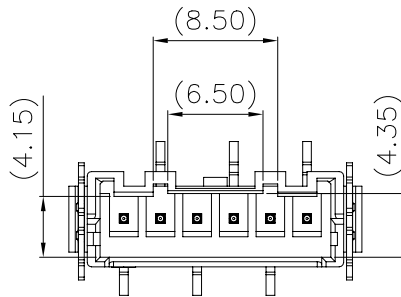
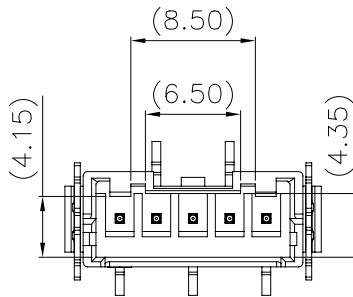
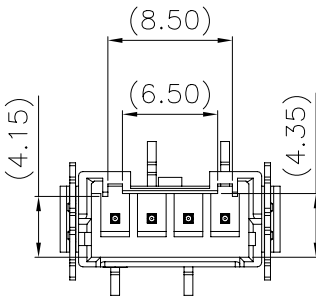
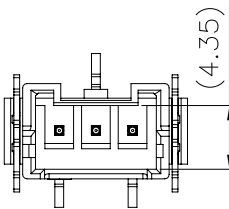
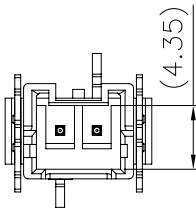
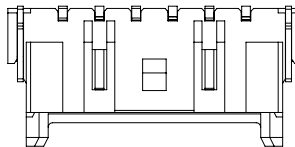
04 Pin



05 Pin



06~15 Pin



20230706	B4	/	Modify the 3Pin size D according to the shell diagram	Zhou	Larry	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. PART NO. 2508WVS-xxE-9TXNX			
20230630	B3	/	Increase the size ⑮⑯	Zhou	Larry				
20230615	B2	/	ADD the CAP view	Zhou	Larry				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL				
						APPROVAL	CHECK	DRAWN	DATE
						Kevin	John Yang	Cai Zhao	2021/03/12
						TITLE: 2.50mm WF ASSY vertical SMT			
						UNIT	SCALE	SHEET	REV
						mm	1:1	2/2	B4
						NUMBER			
						A-000			

RoHS

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



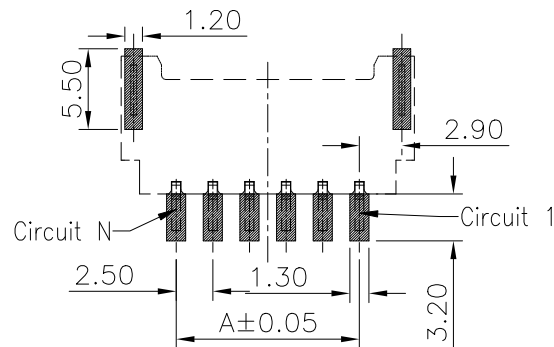
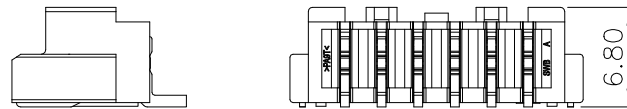
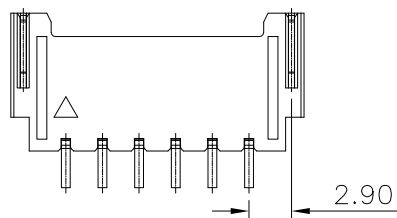
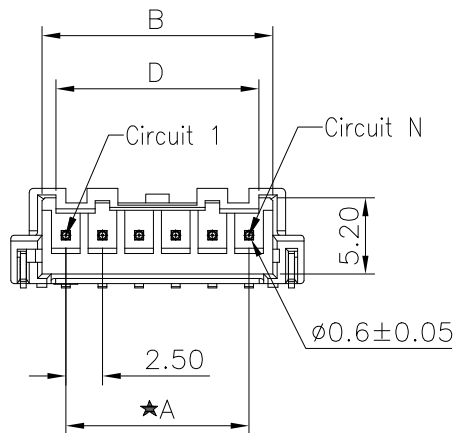
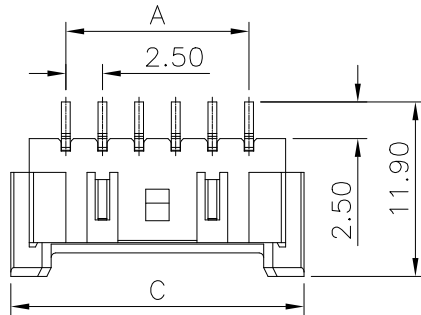
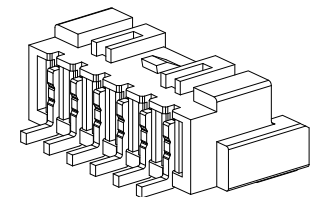
Poles	Dimensions/mm			
	A	B	C	D
2	2.50	5.75	10.00	4.05
3	5.00	8.25	12.50	7.00
4	7.50	10.75	15.00	9.20
5	10.00	13.25	17.50	11.35
6	12.50	15.75	20.00	13.85
7	15.00	18.25	22.50	16.35
8	17.50	20.75	25.00	18.85
9	20.00	23.25	27.50	21.35
10	22.50	25.75	30.00	23.85
11	25.00	28.25	32.50	26.35
12	27.50	30.75	35.00	28.85
13	30.00	33.25	37.50	31.35
14	32.50	35.75	40.00	33.85
15	35.00	38.25	42.50	36.35

■ Specifications:

- Voltage Rating:50V AC/DC
- Current Rating:3A AC/DC
- Withstanding Voltage:1000V AC/Minute
- Temperature Range:-40°C~+125°C
- Insulation Resistance:100M Ω Min./500V DC/Minute
- Contact Resistance: $\leq 10\text{m}\Omega$ (Initial)
 $\leq 20\text{m}\Omega$ (After Testing)
- Mates With Housing:2508H-XX、2513H-XX
- Product Specification:PS-2513-02
- Packaging Drawing:PK-2508WRS-XXE-9TXNR
- Symbols for SPC Dimensions:"★"

2508 W R S-XX E-9T X N R
① ②③④⑤⑥⑦⑧⑨⑩

- ① Series No.:2508
- ② Category:W-Wafer
- ③ Connector Type:R-Right Angle 90°
- ④ Mounting Type:S-SMT
- ⑤ Row No.-Pin No.:
XX-Single Row-02Pin~15Pin
- ⑥ Special No.:E-Stamping Terminal
- ⑦ Plastic Material:9T-PA9T (UL94V-0)
- ⑧ Planting Code:SW1-Matte Tin
Underplate:Ni 40~120u"(1~3um) overall
Top Plating:Sn 80~200u"(2~5um) overall
GW01-Underplate:Ni 40~120u"(1~3um) overall
Contact area Plating Au 1U"(0.025um)Min
Weld area Plating Sn 80~200u"(2~5um)
- ⑨ Color:N-Natural
- ⑩ Packing:R-Reel



Recommended P.C.B Layout

20231031	B1	/	Update borders	Larry Lin	Jack Zhang
20210415	B	EN120210415001	Add the Planting Code GW01	Cai Zhao	John Yang
20210312	A	/	Initial release	Cai Zhao	John Yang
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

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

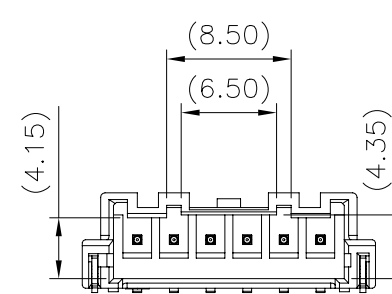
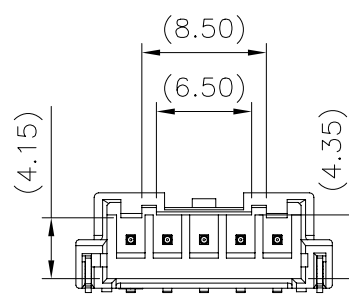
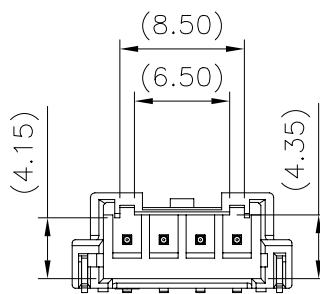
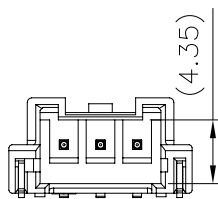
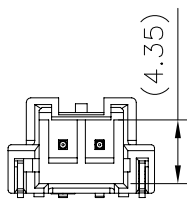
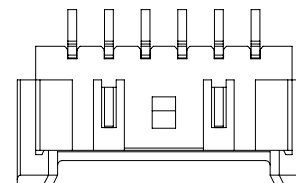
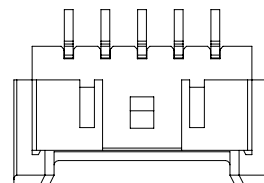
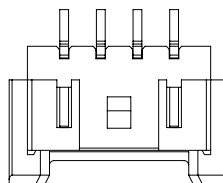
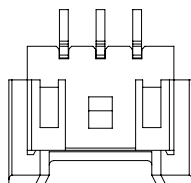
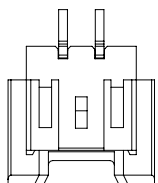
SMS 东莞市思索技术股份有限公司
Dongguan SESO Technology Co.,Ltd.

APPROVAL	CHECK	DRAWN	DATE
Jack Zhang	Larry Yang	Larry Lin	2021/03/12

PART NO.				
2508WRS-XXE-9TXNR				
TITLE				
2.50mm WF ASSY right-angle SMT				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/2	B1	CD



06~15 Pin



20231031	B1	/	Update borders	Larry Lin	Jack Zhang	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 Larry Lin 2021/03/12				PART NO. 2508WRS-XXE-9TXNX				
20210415	B	EN120210415001	Add the Planting Code GW01	Cai Zhao	John Yang					TITLE 2.50mm WF ASSY right-angle SMT				
20210312	A	/	Initial release	Cai Zhao	John Yang					UNIT SCALE SHEET REV NUMBER				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					mm 1:1 2/2 B1 CD				