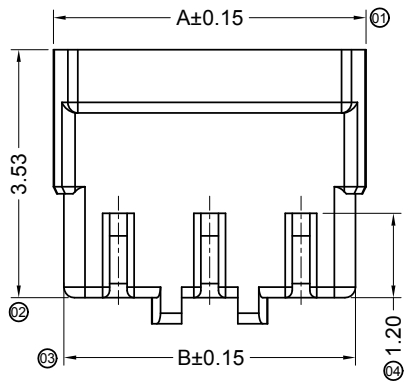
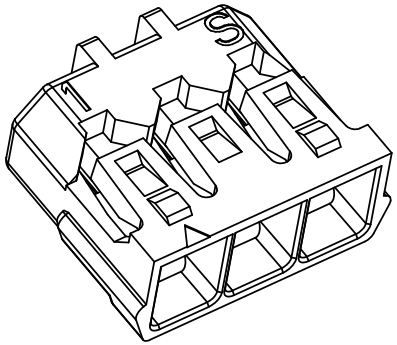
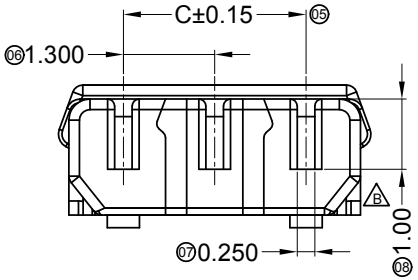
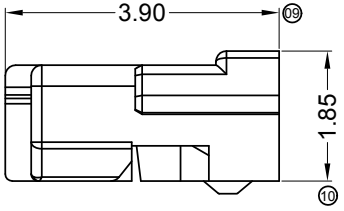
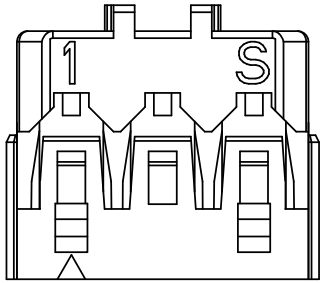
RoHS | This products can apply to the SWB Doc NO. QA-3-04-005 of Environmental&Material Management Rules



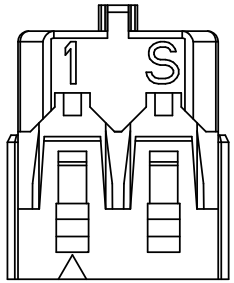








3~12Pin Shape



2Pin Shape

■ Specifications :

- Voltage rating: 30V AC / DC
- Current rating: 3.0A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance:≥100MΩ
- Contact resistance: ≤20mΩ
- After environmental testing：≤40mΩ
- Suitable SWB Terminal:1302T
- Suitable SWB Wafer:1302WRS

1302 H X-1xXX- NL N B H 01 F
① ②③ ④ ⑤ ⑥⑦⑧⑨⑩

① Series No.
② Category：H-Housing
③ Welding Board Angle: Blank-ordinary
④ Row No.-Pin No.: 1xXX-1x02~1x12P
⑤ Material: NL-PA66 94V-0
⑥ Color：N-natural color
⑦ Packag: B-Bag
⑧ Green code：H-Halogen Free
⑨ Water code:01
⑩ F-Other Connectors

东莞市思索连接器有限公司 WWW.SWB.TW APPROVED 研发中心 SWB Connectors Co.,Ltd.

Poles	Dimensions(mm)		
	A	B	C
1x02	3.15	2.85	1.30
1x03	4.45	4.15	2.60
1x04	5.75	5.45	3.90
1x05	7.05	6.75	5.20
1x06	8.35	8.05	6.50
1x07	9.65	9.35	7.80
1x08	10.95	10.65	9.10
1x09	12.25	11.95	10.40
1x10	13.55	13.25	11.70
1x11	14.85	14.55	13.00
1x12	16.15	15.85	14.30

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
2020/07/29	B	EN20200729002	Improve the performance of part of opposite assembling and without fool-proof function	Xue	Robing

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX ±0.10
X.° ±2°
PROJECT

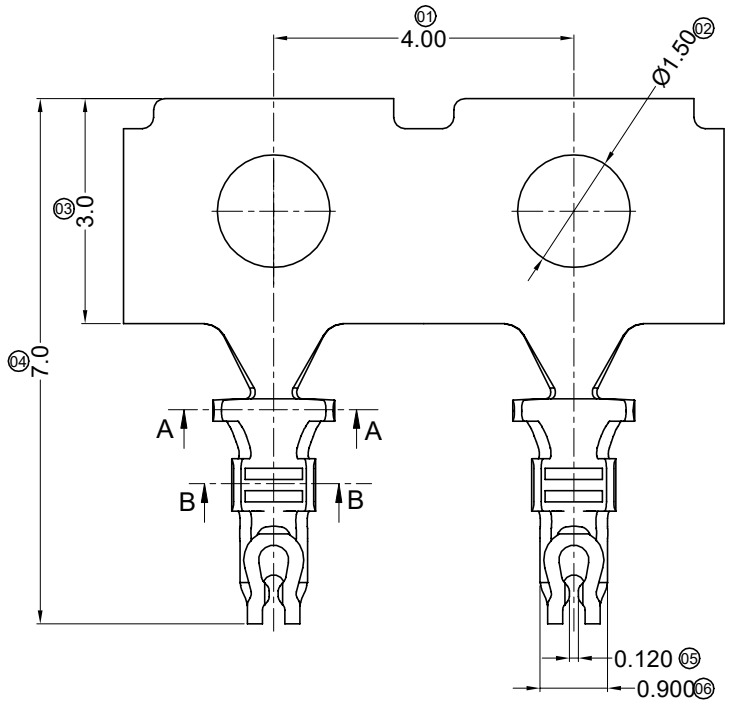
APPROVAL	CHECK	DRAWN	DATE
Smark	Joshua	Yu wei	2018/07/10

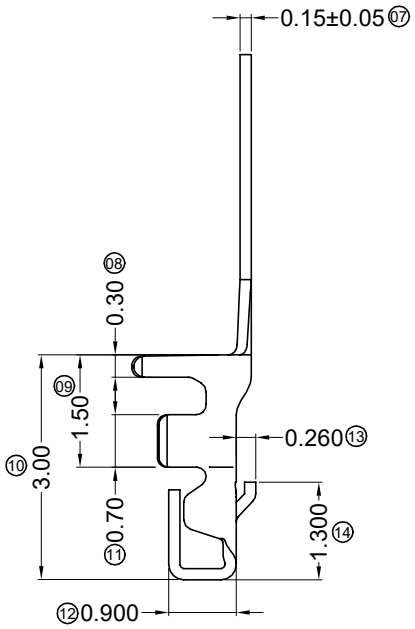
东莞市思索连接器有限公司
SWB CONNECTORS CO.,LTD

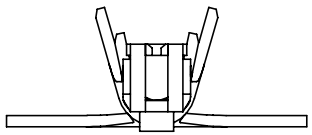
PART NO. 1302H-1xXX-NLNBH01F
TITLE 1.30 mm Crimp Style Connectors

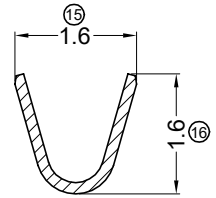
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A-022	B

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

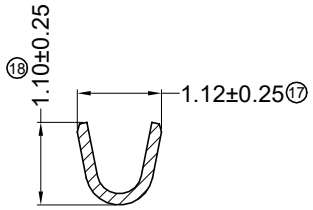








SECTION A-A
SCALE 1:1



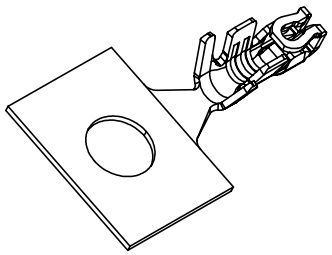
SECTION B-B
SCALE 1:1

■ Specifications :

- Voltage rating: 30V AC / DC
- Current rating: 3.0A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance:≥100MΩ
- Contact resistance: ≤20mΩ
- After environmental testing：≤40mΩ
- Wire Range:AWG#26~28
- Insulation O.D:0.98mm (Max.)
- Used In SWB Housing:1302H

1302 T X X-H 10 S X-01 F
① ②③④⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① Series Number
② Category: T-terminal
③ Shape：Blank-ordinary
④ Appearance encoding:Blank-Ordinary
⑤ Material：H-High conductivity copper
⑥ Plating style: 10- Whole Gold :Gold Flash
⑦ Plating method：S-Stamping before plating
⑧ Special No: Blank-Normal Leads
⑨ Water code:01
⑩ F-Other connectors



DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL
2020/06/28	B		Update Drawing Frame & Temperature	Roy.Hu	Robing

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

东莞市思索连接器有限公司
SWB CONNECTORS CO.,LTD

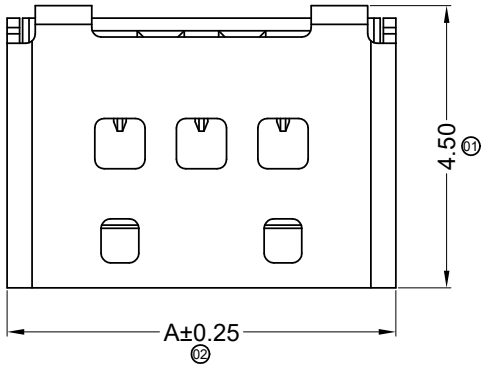
APPROVAL	CHECK	DRAWN	DATE
Smark	Joshua	Jason	2018/09/27

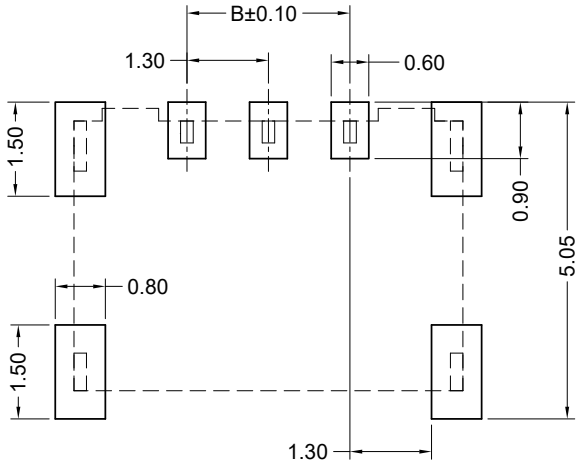
PART NO. 1302T-H10S-01F

TITLE 1.30 mm Crimp Style Connectors

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	B	A-295

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





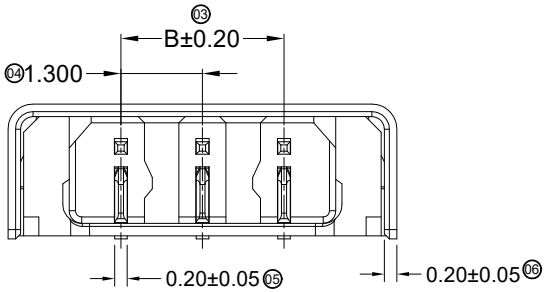
Recommended P.C.B Layout
General Tolerance±0.05

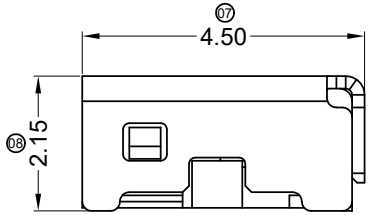
■ Specifications :

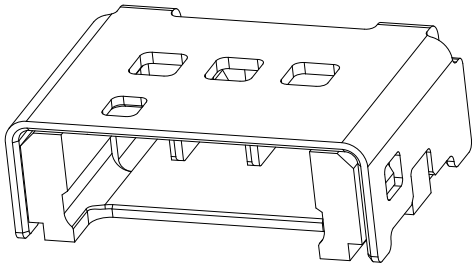
- Voltage rating: 30V AC / DC
- Current rating: 3.0A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance:≥100MΩ
- Contact resistance: ≤20mΩ
- After environmental testing：≤40mΩ
- Metal material: High conductivity copper
- Mates With SWB Housing:1302H

1302	W	R	S-	XX	HF-	4T	V01	X
①	②	③	④	⑤	⑥	⑦	⑧	⑨

① Series No.
② Category：W-wafer
③ Welding Board Angle: R- 90°
④ Welding Way: S-SMT
⑤ Row No.-Pin No.: XX-02P~12P
⑥ Green code：HF-Halogen-Free
⑦ Plastic material：4T-PA4T 94V-0 ;
⑧ Planting Category: V01-All Gold Flash
⑨ Color：B-Black; N-Natural







Poles	Dimensions (mm)	
	A	B
02	4.90	1.30
03	6.20	2.60
04	7.50	3.90
05	8.80	5.20
06	10.10	6.50
07	11.40	7.80
08	12.70	9.10
09	14.00	10.40
10	15.30	11.70
11	16.60	13.00
12	17.90	14.30

DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL
2020/10/08	D	ER20201008001	Change the material number according to customer's request	Xue	Robing
2020/07/29	C	ER20200729003	Add anti - freeze structure	Xue	Robing
2020/06/28	B		Update Drawing Frame & Temperature	Roy.Hu	Robing

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

东莞市思索连接器有限公司
SWB CONNECTORS CO.,LTD

APPROVAL	CHECK	DRAWN	DATE
Smark	Joshua	Yu wei	2018/07/11

PART NO.
1302WRS-XXHF-4TV01X

TITLE
1.30 mm Crimp Style Connectors

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	D	A-000