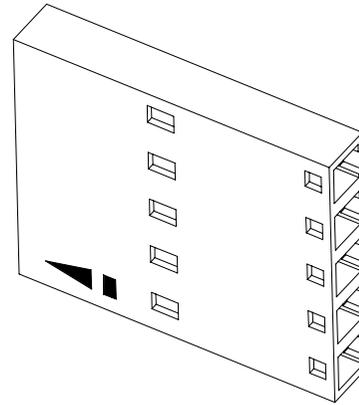
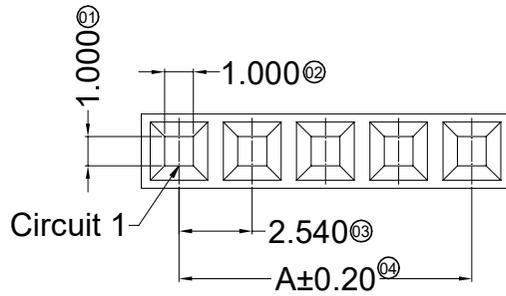


RoHS

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

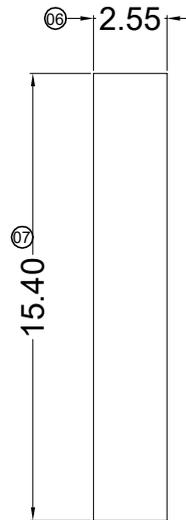
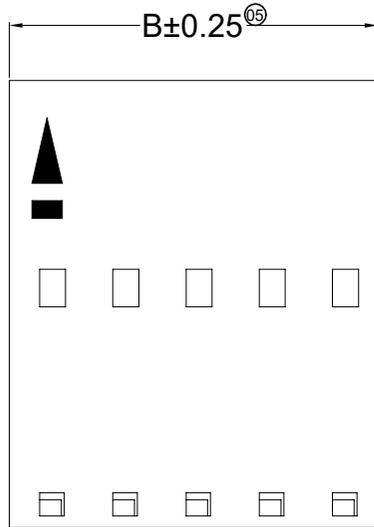


■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Suitable SWB Terminal:9556T
- Mates With SWB Wafer:9556W

9556 H X-XX X-N0 XX  
① ②③④⑤⑥⑦

- ① Series No.
- ② Category: H-HSG
- ③ Appearance type: Blank-Ordinary
- ④ Row No.-Pin No.: XX-02P~15P
- ⑤ Special No.:
- ⑥ Material: N0-PA66 UL 94V-0
- ⑦ Color: Blank-Natural Color



Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
02	2.54	5.15	09	20.32	22.93
03	5.08	7.69	10	22.86	25.47
04	7.62	10.23	11	25.40	28.01
05	10.16	12.77	12	27.94	30.55
06	12.70	15.31	13	30.48	33.09
07	15.24	17.85	14	33.02	35.63
08	17.78	20.39	15	35.56	38.17

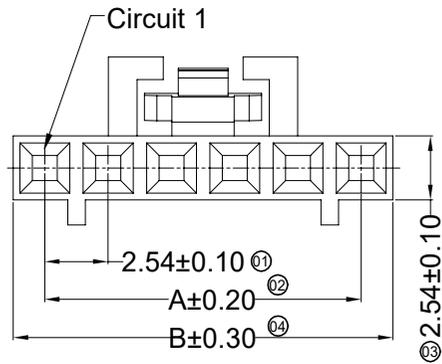
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
2020/07/27	E		Update Drawing Frame	Roy.Hu	Robing	GENERAL TOLERANCE	 东莞市思索连接器有限公司 SWB CONNECTORS CO.,LTD APPROVAL	CHECK	DRAWN	DATE	mm	1:1	1/1	E	A-022
2015/01/03	D		Space of a Whole page Changes	Wuxiaotao	Jova	.X ±0.35									
2013/08/16	C		Modify drawing frame format	Luna		.XX ±0.25									
						.XXX ±0.15									
						X° ±2°	Success	Sun Kaibao	Liu Yan	2007/05/03					

PART NO. 9556H-XX-N0

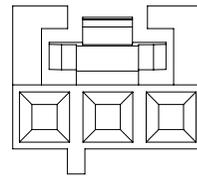
TITLE 2.54mm Crimp Style Connectors

RoHS

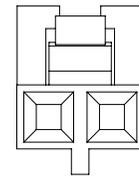
This products can apply to the SWB Doc NO. QA-3-04-005 of Environmental&Material Management Rules



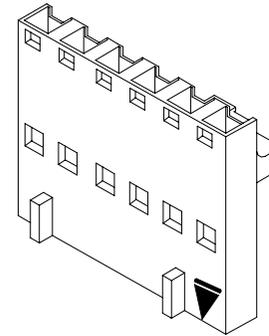
P~20P ~~~ Shape  
Scale 1:1



P ~~~ Shape  
Scale 1:1



P ~~~ Shape  
Scale 1:1



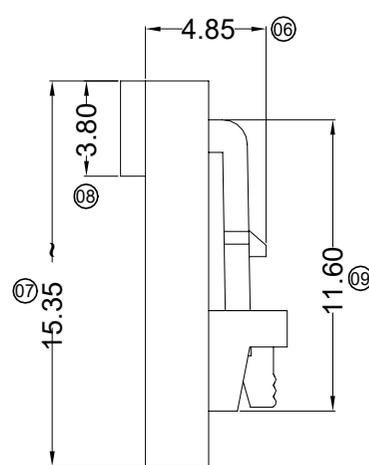
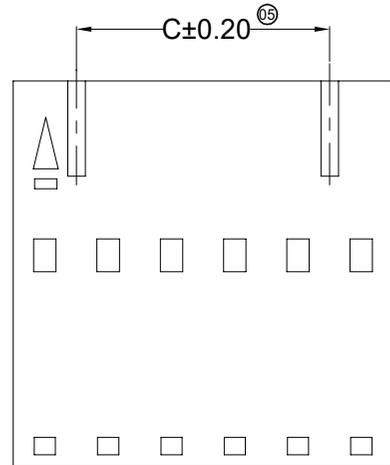
■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Suitable SWB Terminal:9556T
- Mates With SWB Wafer:9556W

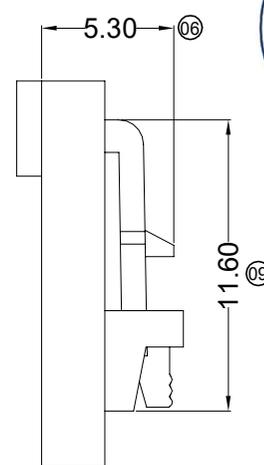
9556 H X-XX B-N0 XX

① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.
- ② Category: H-HSG
- ③ Welding Board Angle: Blank-ordinary
- ④ Row No.-Pin No.:XX-Single row
- ⑤ Special No.  
B-There are convex point and the buckle
- ⑥ Material: N0-PA66 94V-0
- ⑦ Color:  
Blank-Natural Color  
HF-Halogen free



3P~20P  
△



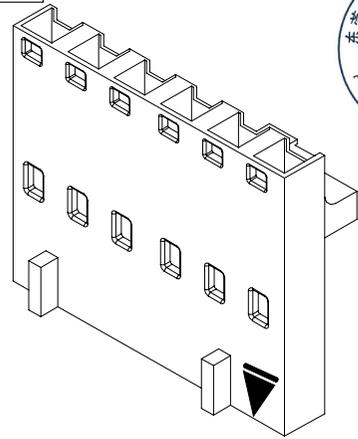
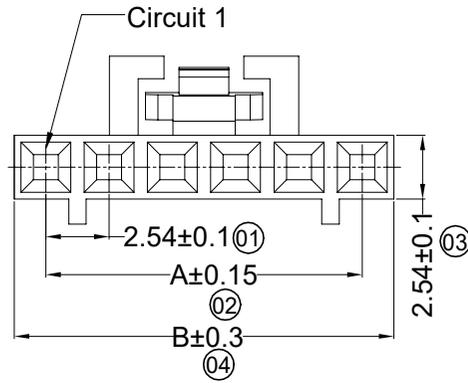
12P  
△

Poles	Dimensions(mm)			Poles	Dimensions(mm)		
	A	B	C		A	B	C
02	2.54	5.08	--	12	27.94	30.48	25.40
03	5.08	7.62	--	13	30.48	33.02	27.94
04	7.62	10.16	5.08	14	33.02	35.56	30.48
05	10.16	12.70	7.62	15	35.56	38.10	33.02
06	12.70	15.24	10.16	16	38.10	40.64	35.56
07	15.24	17.78	12.70	17	40.64	43.18	38.10
08	17.78	20.32	15.24	18	43.18	45.72	40.64
09	20.32	22.86	17.78	19	45.72	48.26	43.18
10	22.86	25.40	20.32	20	48.26	50.80	45.72
11	25.40	27.94	22.86				

2020/07/30	G		Optimize page	Roy	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 Jova Lau W.X.T Wuxiaotao 2014/08/04				PART NO. 9556H-XXB-N0XX				
2015/09/29	F		Modify the size 3P △	W.X.T	Jova Lau						TITLE 2.54 mm Crimp Style Connectors				
2014/08/04	E		Space of a Whole page Changes	W.X.T	Jova Lau		UNIT SCALE SHEET REV NUMBER mm 1:1 1/1 G A-022								
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL										

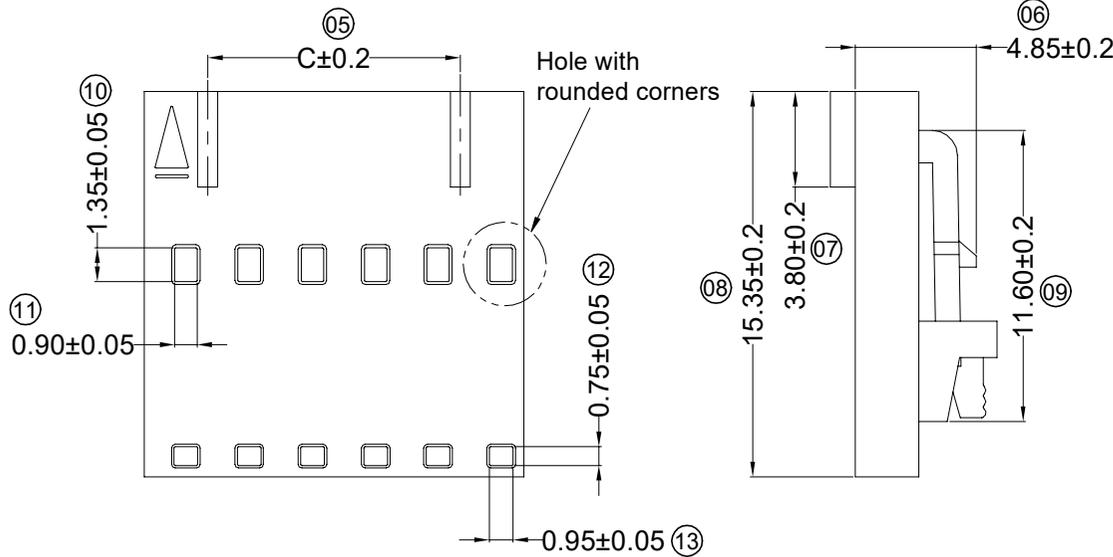
RoHS

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



### Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ



9556 H X-XX C-N0 XX

- ① Series No.
- ② Category: H-HSG
- ③ Welding Board Angle: Blank-ordinary
- ④ Row No.-Pin No.: XX-Single row
- ⑤ special No. C-Hole with rounded corners
- ⑥ Material: N0-PA66 94V-0
- ⑦ Color: Blank-Natural Color HF-Halogen free

Poles	Dimensions (mm)		
	A	B	C
2	2.54	5.08	--
3	5.08	7.62	2.54
4	7.62	10.16	5.08
5	10.16	12.70	7.62
6	12.70	15.24	10.16
7	15.24	17.78	12.70
8	17.78	20.32	15.24
9	20.32	22.86	17.78
10	22.86	25.40	20.32
11	25.40	27.94	22.86
12	27.94	30.48	25.40
13	30.48	33.02	27.94
14	33.02	35.56	30.48
15	35.56	38.10	33.02
16	38.10	40.64	35.56
17	40.64	43.18	38.10
18	43.18	45.72	40.64
19	45.72	48.26	43.18
20	48.26	50.80	45.72

9556H-XXC-N0HF	Nylon 66 UL 94V-0 Halogen Free	9556T	9556W
9556H-XXC-N0	Nylon 66 UL 94V-0		
PART NO	Material	Suitable SWB Terminal	Mates With SWB Wafer

DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL
2020/08/01	B		Update Drawing Frame	Roy	Robing

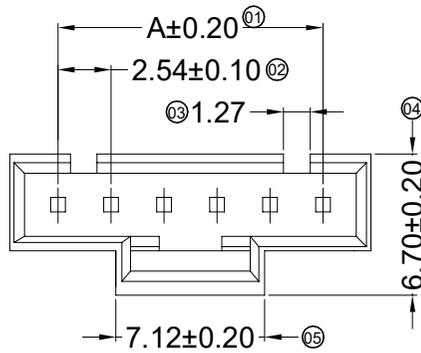
**东莞市思索连接器有限公司**  
**SWB CONNECTORS CO.,LTD**

APPROVAL	CHECK	DRAWN	DATE
		Allen	2013/12/20

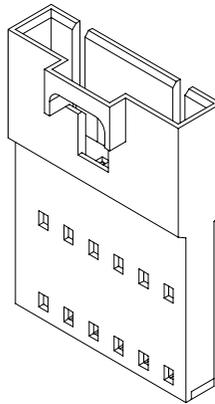
PART NO. 9556H-XXC-N0XX				
TITLE 2.54 mm Crimp Style Connectors				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	B	A-022

RoHS

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



4P-25P



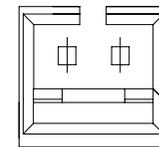
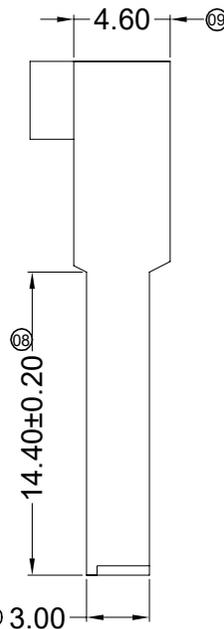
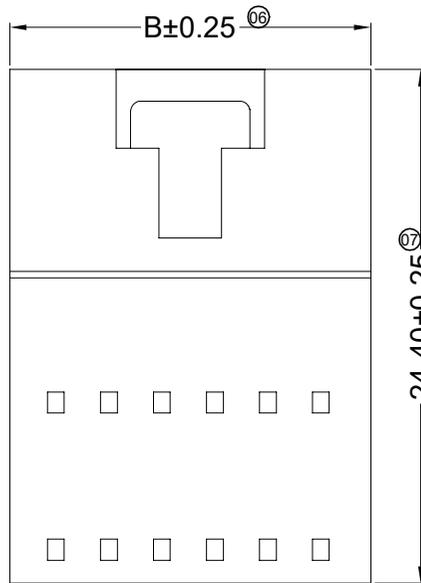
Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Suitable SWB Terminal: 9556TM
- Mates With SWB Housing: 9556H

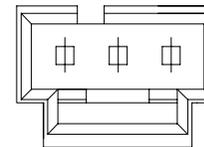
9556 H F-XX X-XX XX

① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.
- ② Category: H-HSG
- ③ Welding Board Angle: F-Fmale HGS
- ④ Row No.-Pin No.: XX-Single row
- ⑤ Special No.
- ⑥ Material: PT-PBT 94V-0 ; N0-PA66 94V-0
- ⑦ Color: Blank-Natural Color



2P



3P

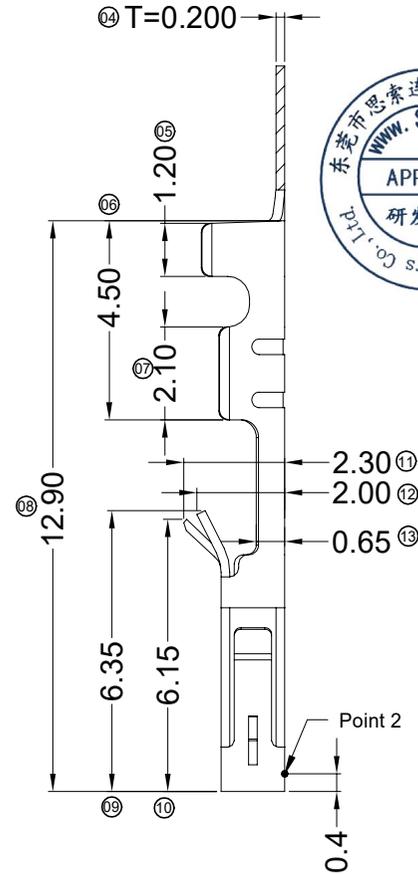
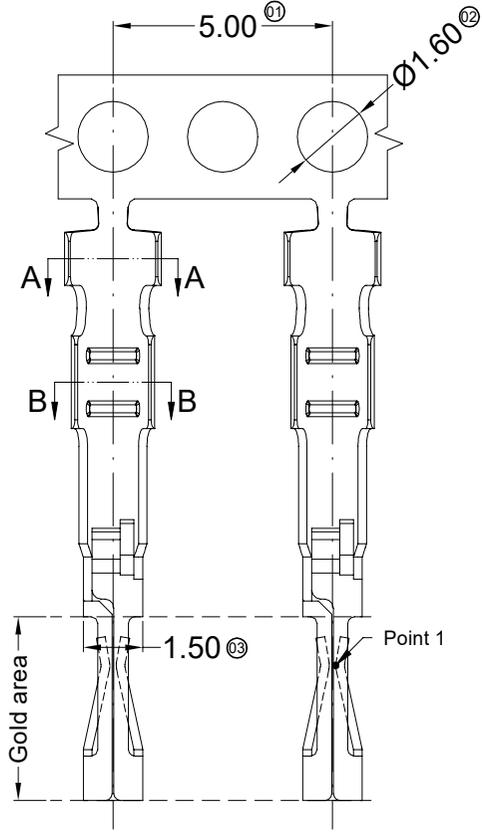
Poles	Dimensions (mm)		Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B		A	B
02	2.54	7.12	10	22.86	27.44	18	43.18	47.76
03	5.08	9.66	11	25.40	29.98	19	45.72	50.30
04	7.62	12.20	12	27.94	32.52	20	48.26	52.84
05	10.16	14.74	13	30.48	35.06	21	50.08	55.38
06	12.70	17.28	14	33.02	37.60	22	53.34	57.92
07	15.24	19.82	15	35.56	40.14	23	55.88	60.46
08	17.78	22.36	16	38.10	42.68	24	58.42	63.00
09	20.32	24.90	17	40.64	45.22	25	60.96	65.54

2020/07/27	E		Update Drawing Frame	Roy.Hu	Robing	<b>东莞市思索连接器有限公司</b> <b>SWB CONNECTORS CO.,LTD</b>				PART NO. 9556HF-XX-XX								
2015/03/10	D		Add the 2P View	sylvia	Jova Lau					TITLE 2.54mm Crimp Style Connectors								
2013/08/16	C		Modify drawing frame format	Luna	Jova Lau					APPROVAL	CHECK	DRAWN	DATE	UNIT SCALE SHEET REV NUMBER				
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL					Kim Huang	Jova Lau	Liu Yan	2007/05/03	mm	1:1	1/1	E	A-022

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

RoHS

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

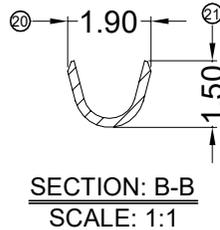
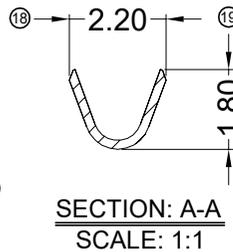
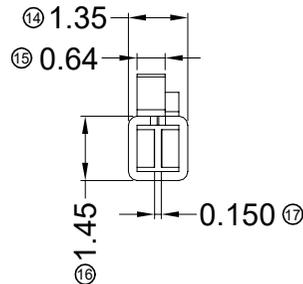
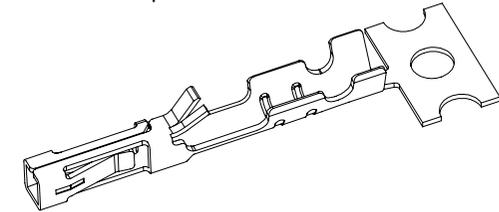


Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ

9556 T X-P XX X - X  
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series Number
- ② Category: T-terminal
- ③ Shape: Blank-Ordinary
- ④ Material: P-Phosphor bronze
- ⑤ Plating style:
  - G30- Contact point gold 30u "(inside) Gold area1u"(outside) Other area Ni 20u"Min
  - G15- Contact point gold 15u "(inside) Gold area1u"(outside) Other area Ni 20u"Min
  - G01- Plated Contact Gold Flash SN-Bright Tin Plating
- ⑥ Plating method:
- ⑦ Mold No./Mark/Special No.

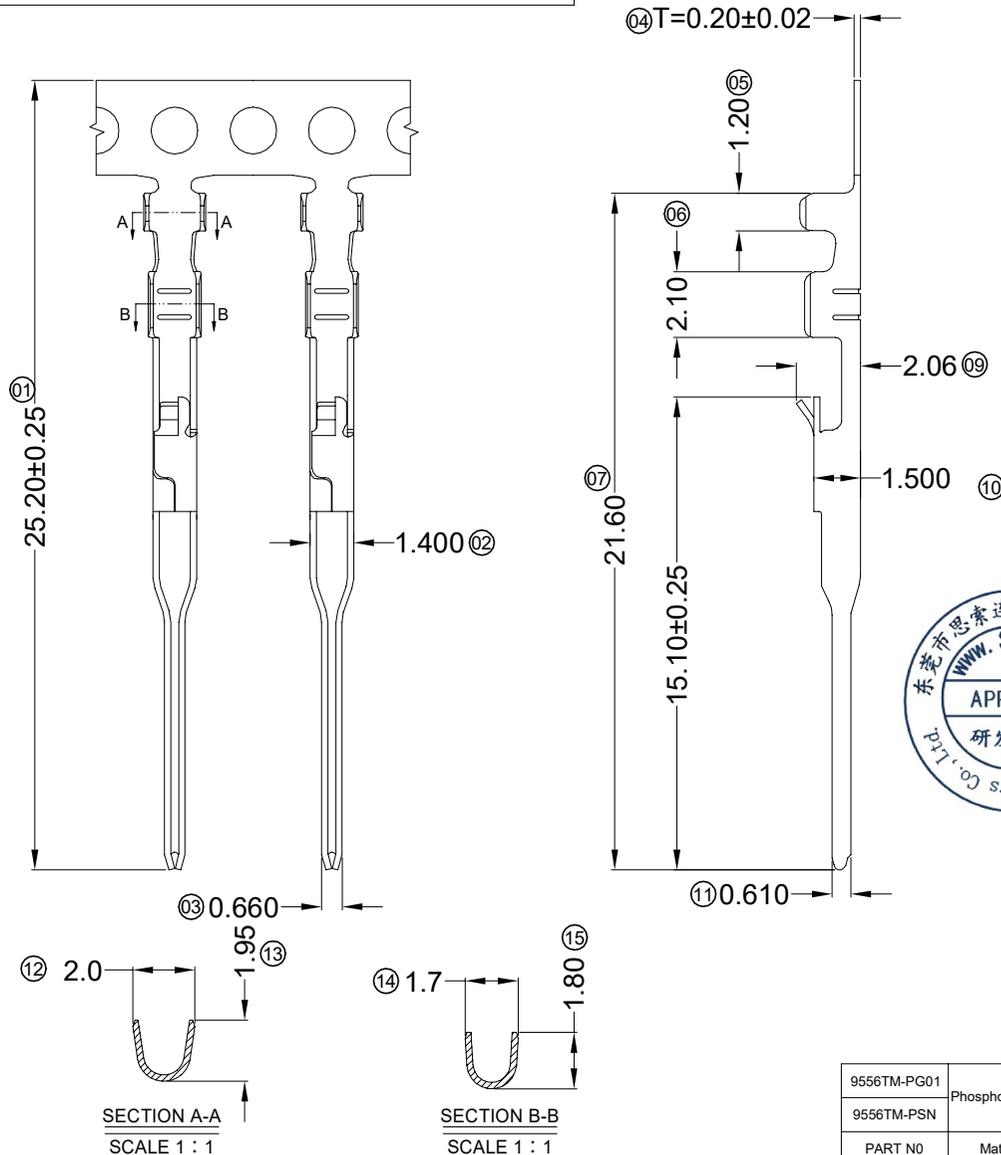


9556T-PG30				Stamping Before Plating:20u"Min.Ni; Contact Area Gold 30u" Min.	Point 1	9555H、9556H
9556T-PG15	Phosphor Bronze	AWG#22-30	1.30mm(Max)	Stamping Before Plating:20u"Min. Ni; Contact Area Gold:15u" Min.	Point 2	
9556T-PG01				Stamping Before Plating:50u" MIN. Ni; Contact Area Gold Flash		
9556T-PSN				Stamping Before Plating:50u" MIN. Ni; 100u" MIN.Sn		
PART NO	Material	Wire Range	Insulation O.D.	Finish	Plating measuring point	Used In SWB Housing

2020/07/31	D		Optimize page	Roy	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				PART NO. 9556T-PXXX				
2018/06/14	C		New plating specifications	Joshua	Smarrk						TITLE 2.54mm Crimp Style Connectors				
2016/12/28	B	EN201611228001	New plating specifications	Yu wei	Jacky		APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL		Smarrk	Jacky	sylvia	2015/08/17	mm	1:1	1/1	A	XXXX

RoHS

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



- Specifications :
- Voltage rating: 250V AC / DC
  - Current rating: 3A AC / DC
  - Withstanding voltage: 1500V AC/minute
  - Temperature range: -25°C~+85°C
  - Insulation resistance: ≥1000MΩ
  - Contact resistance: ≤20mΩ
  - After environmental testing: ≤30mΩ

9556 T M-P XX X-X  
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series Number
- ② Category: T-terminal
- ③ Shape: M-male
- ④ Material: P-Phosphor bronze
- ⑤ Plating style:  
G01-Gold Plated Contact  
SN-Bright tin plating
- ⑥ Plating method:  
Blank-Stamping before plating
- ⑦ Mold No./Mark/Special No.



9556TM-PG01	Phosphor Bronze	AWG#22-26	1.58mm(Max)	Stamping Before Pating:30u" Ni>Contact Area Gold Flash	9556HF
9556TM-PSN				Stamping Before Pating:30u" Ni;70u"Sn	
PART NO	Material	Wire Range	Insulation O.D.	Finish	Used In SWB Housing

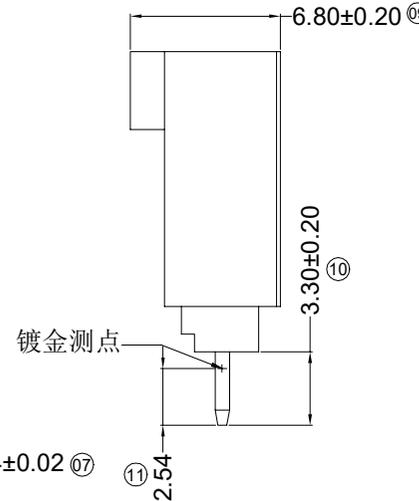
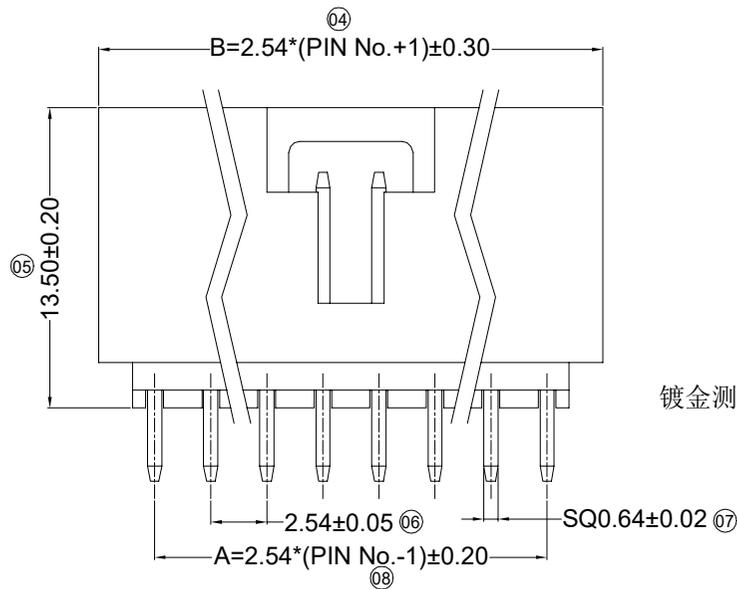
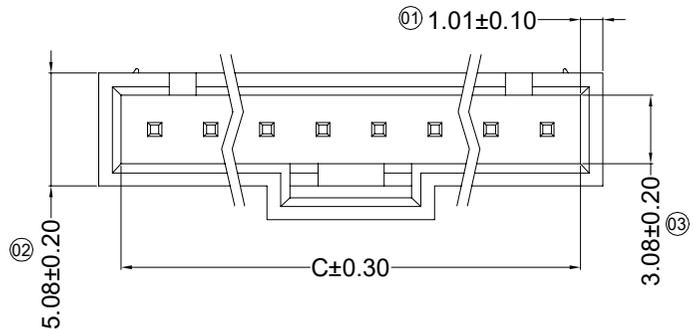
					<p>GENERAL TOLERANCE</p> <p>.X ±0.35</p> <p>.XX ±0.25</p> <p>.XXX ±0.15</p> <p>X.° ±2°</p>				<p>东莞市思索连接器有限公司</p> <p>SWB CONNECTORS CO.,LTD</p>				<p>PART NO. 9556TM-PXXX</p>												
					<p>APPROVAL</p> <p>Kim Huang</p>				<p>CHECK</p> <p>Joshua</p>				<p>DRAWN</p> <p>sylvia</p>				<p>DATE</p> <p>2015/11/27</p>				<p>TITLE</p> <p>2.54 mm Crimp Style Connectors</p>				
2020/07/30	B		Update Drawing Frame	Roy	Robing						UNIT	SCALE	SHEET	REV	NUMBER										
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL						mm	1:1	1/1	A	A-022										

RoHS

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

Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ



9556 W V XX- XX H-N0XX XX

- ① Series No.
- ② Category: W-wafer
- ③ Welding Board Angle: V-180°
- ④ Welding Way: Blank-DIP
- ⑤ Row No.-Pin No. XX-Single row
- ⑥ Special NO. H-With 90 degrees of shell
- ⑦ Material: N0-PA66 94V-0
- ⑧ Planting Category: V\*\*-.All Gold-Plated \*01-Gold Flash ; \*02-2u" ; \*03-3u" ; \*05-5u" \*10-10u" ; \*15-15U" ; \*30-30U" ; \*50-50U" SN-Bright tin plating 70U" SN1-Bright tin plating 120U"Min. ; SW-Fog Tin plating
- ⑨ Color: Blank-natural color

Poles	Dimensions (mm)		
	A	B	C
2	2.54	7.62	5.59
3	5.08	10.16	8.13
4	7.62	12.70	10.67
5	10.16	15.24	13.21
6	12.70	17.78	15.75
7	15.24	20.32	18.29
8	17.78	22.86	20.83
9	20.32	25.40	23.37
10	22.86	27.94	25.91
11	25.40	30.48	28.45
12	27.94	33.02	30.99
13	30.48	35.56	33.53
14	33.02	38.10	36.07
15	35.56	40.64	38.61
16	38.10	43.18	41.15
17	40.64	45.72	43.69
18	43.18	48.26	46.23
19	45.72	50.80	48.77
20	48.26	53.34	51.31
21	50.80	55.88	53.85
22	53.34	58.42	56.39
23	55.88	60.96	58.93
24	58.42	63.50	61.48
25	60.96	66.04	64.01



P.C.B LAYOUT

9556WV-XXH-N0V15	Nylon 66 UL 94V-0	Brass	Gold-Plated 15u"	9556H
9556WV-XXH-N0V01	Nylon 66 UL 94V-0	Brass	Gold-Flash	
PART NO	Material	Material(Pin)	Finish(Pin)	Mates With SWB Housing

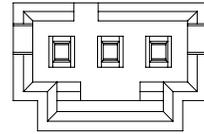
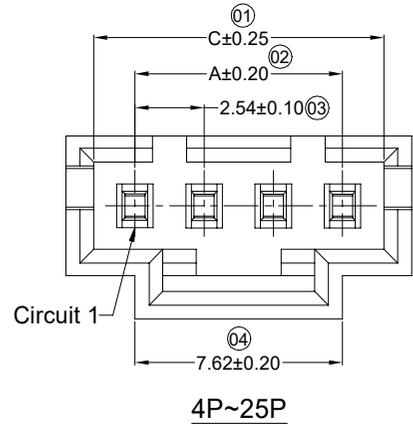
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2020/07/31	D		Update Drawing Frame	Roy	Robing	GENERAL TOLERANCE
2013/08/12	C		Modify drawing frame format	Luna		.X ±0.35
2012/03/06	B		Modify drawing frame format			.XX ±0.25
						.XXX ±0.15
						X.° ±2°

**东莞市思索连接器有限公司**  
**SWB CONNECTORS CO.,LTD**  
 APPROVAL    CHECK    DRAWN    DATE  
 Liu Yan    2007/05/03

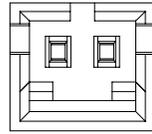
PART NO. 9556WV-XXH-N0XX				
TITLE 2.54 mm Crimp Style Connectors				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	D	A-106

RoHS

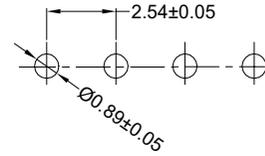
This products can apply to the SWB Doc NO. QA-3-04-005 of Environmental&Material Management Rules



3P



2P



P.C.B LAYOUT

Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ

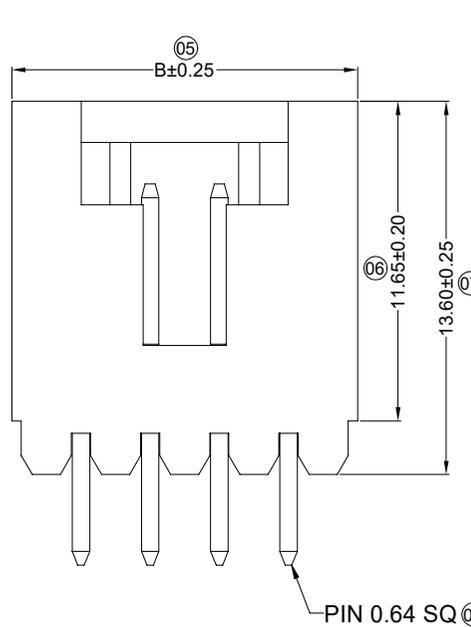


9556 W V XX- XX T-N0XXXX

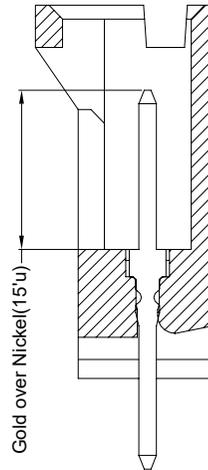
01 02 03 04 05 06 07 08 09

- 01 Series No.
- 02 Category: W-wafer
- 03 Welding Board Angle: V-180°
- 04 Welding Way: Blank-DIP
- 05 Row No.-Pin No. XX-Single row
- 06 Special NO. T-Special Specifications
- 07 Material: N0-PA66 94V-0
- 08 Planting Category: V\*\*-All Gold-Plated  
\*01-Gold Flash ; \*02-2u" ; \*03-3u" ; \*05-5u" ; \*10-10u" ; \*15-15u" ; \*30-30u" ; \*50-50u"  
SN-Bright tin plating 70-120u"  
SN1-Bright tin plating 120u"Min. ; SW-Fog Tin plating
- 09 Color: Blank-natural color

Poles	Dimensions (mm)		
	A	B	C
2	2.54	7.62	5.59
3	5.08	10.16	8.13
4	7.62	12.70	10.67
5	10.16	15.24	13.21
6	12.70	17.78	15.75
7	15.24	20.32	18.29
8	17.78	22.86	20.83
9	20.32	25.40	23.37
10	22.86	27.94	25.91
11	25.40	30.48	28.45
12	27.94	33.02	30.99
13	30.48	35.56	33.53
14	33.02	38.10	36.07
15	35.56	40.64	38.61
16	38.10	43.18	41.15
17	40.64	45.72	43.69
18	43.18	48.26	46.23
19	45.72	50.80	48.77
20	48.26	53.34	51.31
21	50.80	55.88	53.85
22	53.34	58.42	56.39
23	55.88	60.96	58.93
24	58.42	63.50	61.47
25	60.96	66.04	64.01



PIN 0.64 SQ 08



9556WV-XXT-N0V15	Nylon 66 UL 94V-0	Brass	Gold-Plated 15u"	9556H	1,000Pcs
9556WV-XXT-N0V01	Nylon 66 UL 94V-0	Brass	Gold-Flash		
PART NO	Material	Material(Pin)	Finish(Pin)	Mates With SWB Housing	Q' ty/Bag

DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT
2020/07/31	C		Update Drawing Frame	Roy	Robing	GENERAL TOLERANCE .X ±0.35 .XX ±0.25 .XXX ±0.15 X.° ±2°
2013/08/12	B	ECN2013082501	Modify drawing frame format	Luna		APPROVAL
						CHECK
						DRAWN
						DATE
						Song Li
						2013/06/03

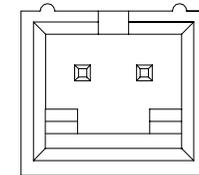
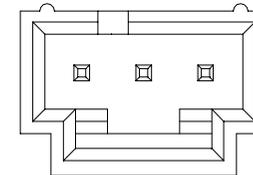
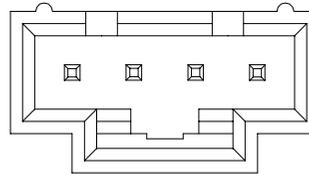
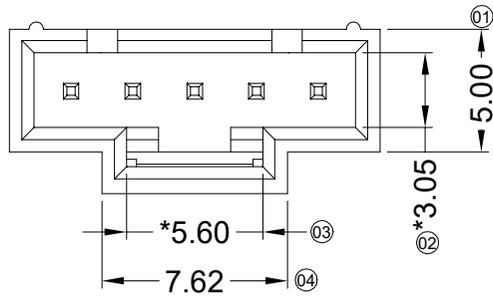


东莞市思索连接器有限公司  
SWB CONNECTORS CO.,LTD

PART NO. 9556WV-XXT-N0XX				
TITLE 2.54 mm Crimp Style Connectors				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	C	A-018

RoHS

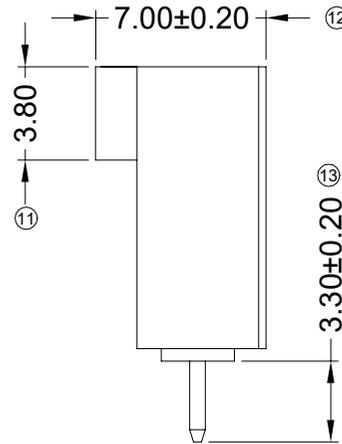
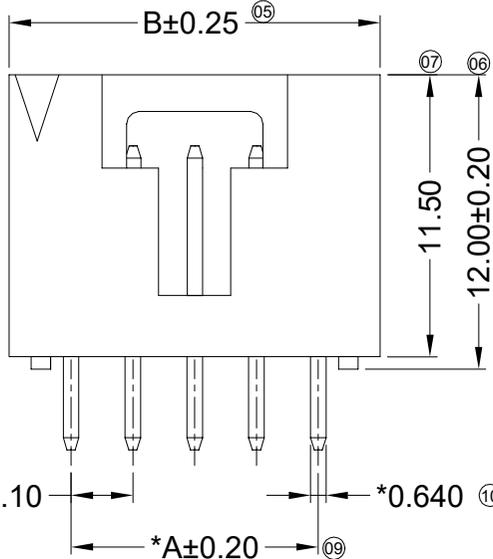
This products can apply to the SWB Doc NO. QA-3-04-005 of Environmental&Material Management Rules



4P

3P

2P



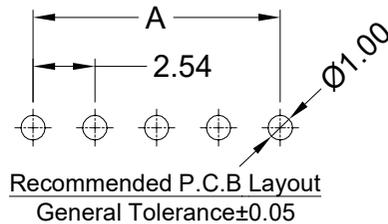
Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Material(Pin): Brass
- Mates With SWB Housing: 9556H

9556 W V X-XX X-XX V01 XX  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- 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~24P
- ⑥ Special No.:
- ⑦ Material: N0-PA66 94V-0 ;9T-PA9T 94V-0
- ⑧ Planting Category: V01-All Gold Flash
- ⑨ Color: Blank-Black color

Pin位	尺寸 (mm)		Pin位	尺寸 (mm)	
	A	B		A	B
02	2.54	7.62	12	27.94	33.02
03	5.08	10.16	13	30.48	35.56
04	7.62	12.70	14	33.02	38.10
05	10.16	15.24	15	35.56	40.64
06	12.70	17.78	16	38.10	43.18
07	15.24	20.32	17	40.64	45.72
08	17.78	22.86	18	43.18	48.26
09	20.32	25.40	19	45.72	50.80
10	22.86	27.94	20	48.26	53.34
11	25.40	30.48			



DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	GENERAL TOLERANCE				PART NO.			
						.X	±0.30	.XX	±0.20	.XXX	±0.10	X°	±2°
						APPROVAL				TITLE			
						CHECK				2.54mm Crimp Style Connectors			
						DRAWN				UNIT			
						DATE				SCALE			
						Alan qin				SHEET			
						2018/09/04				REV			
										NUMBER			
										mm			
										1:1			
										1/1			
										B			
										A-007			
2020/07/30	B		Update Drawing Frame	Xue	Robing	APPROVAL				DATE			
						CHECK				UNIT			
						DRAWN				SCALE			
						DATE				SHEET			
						Alan qin				REV			
						2018/09/04				NUMBER			
										mm			
										1:1			
										1/1			
										B			
										A-007			



东莞市思索连接器有限公司

SWB CONNECTORS CO.,LTD

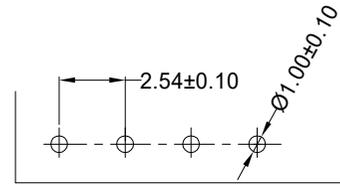
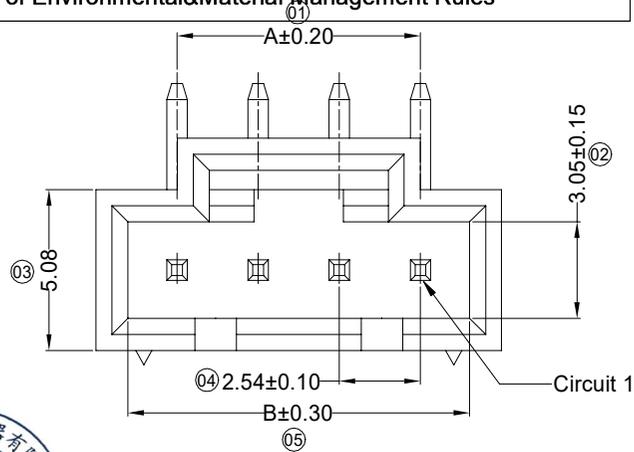
PART NO. 9556WV-XX-XXV01

TITLE 2.54mm Crimp Style Connectors

UNIT SCALE SHEET REV NUMBER  
mm 1:1 1/1 B A-007

RoHS

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



Recommnd PCB Layout

■ Specifications :

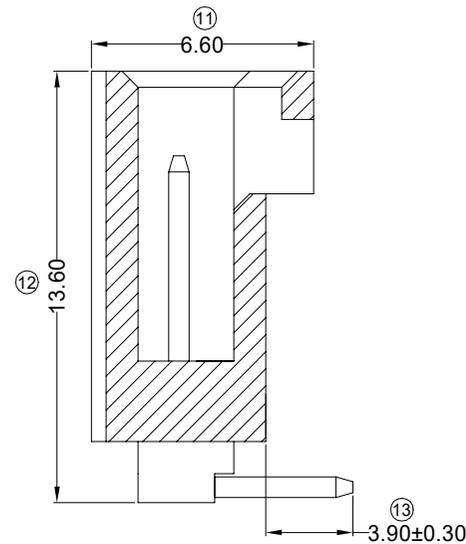
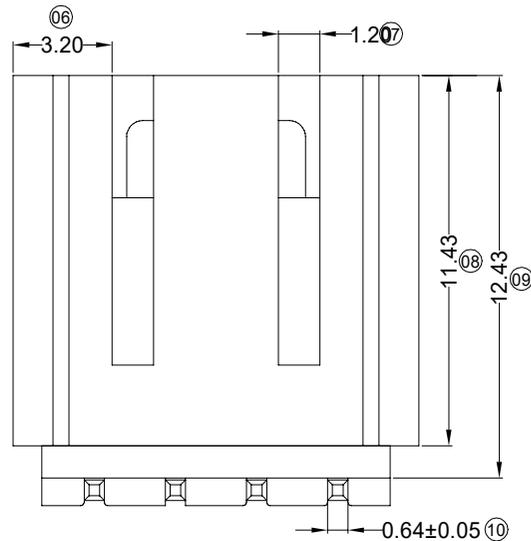
- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ

9556 W R XX- XXRB-N0V01 XX

01 02 03 04 05 06 07 08 09

- 01 Series No.
- 02 Category: W-wafer
- 03 Welding Board Angle: R-90°
- 04 Welding Way: Blank-DIP
- 05 Row No.-Pin No. XX-Single row
- 06 Special NO. RB-Reverse bending
- 07 Material: NO-PA66 94V-0
- 08 Planting Category: V\*\*:  
All Gold-Plated  
\*01-Gold Flash ; \*02-2u" ; \*03-3u" ; \*05-5u" ; \*10-10u" ; \*15-15u" ; \*30-30u" ; \*50-50u"  
SN-Bright tin plating 70u"  
SN1-Bright tin plating 120u"Min. ; SW-Fog Tin plating
- 09 Color: Blank-natural color

Poles	Dimensions (mm)	
	A	B
2	2.54	5.59
3	5.08	8.13
4	7.62	10.67
5	10.16	13.21
6	12.70	15.75
7	15.24	18.29
8	17.78	20.83
9	20.32	23.37
10	22.86	25.91
11	25.40	28.45
12	27.94	30.99
13	30.48	33.53
14	33.02	36.07
15	35.56	38.61



9556WR-XXRB-N0V01	Nylon 66 UL 94V-0	Brass	Gold-Flash	9556H
PART NO	Material	Material(Pin)	Finish(Pin)	Mates With SWB Housing

DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL
2020/07/30	D		Update Drawing Frame	Xue	Robing
2013/08/15	C	ECN2013082501	Modify drawing frame format	Luna	
2011/09/08	B		Modify drawing frame format		

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

PROJECT

APPROVAL

DATE

2007/05/03



东莞市思索连接器有限公司  
 SWB CONNECTORS CO.,LTD

PART NO. 9556WR-XXRB-N0V01

TITLE 2.54 mm Crimp Style Connectors

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	D	A-011

RoHS

本产品符合我司QA-3-04-005  
环境管理物质标准规范

成品工程图

- 规格:
1. 额定电压: 250V AC / DC
  2. 额定电流: 3A AC / DC
  3. 接触电阻:  $\leq 20\text{m}\Omega$
  4. 环境测试后接触电阻:  $\leq 30\text{m}\Omega$
  5. 绝缘电阻:  $\geq 1000\text{M}\Omega$
  6. 耐压值: 1500V AC/minute
  7. 工作温度:  $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$

备注:

1. Pin 针: 黄铜
2. 产品不可缺PIN、歪PIN、长短PIN、PIN孔破裂、电镀层氧化、胶体压伤等外观不良
3. 标有“ $\otimes$ ”为FAI测量尺寸
4. 标记“\*\*”表示需要控制的重点尺寸
5. Wafer 与 SWB 9556H-B 系列 Housing 匹配

9556 W R X- XX-P XX XX XX

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① 系列:

② 类别: W-wafer类

③ 外观形态: R-90°

④ 成型方式: 空码-DIP

⑤ PIN数: XX-单排

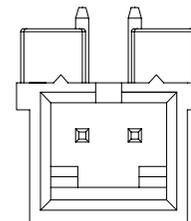
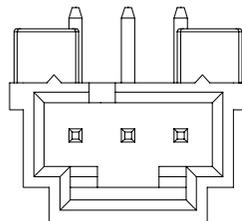
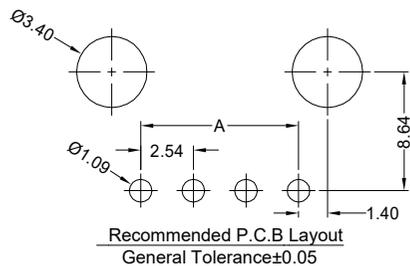
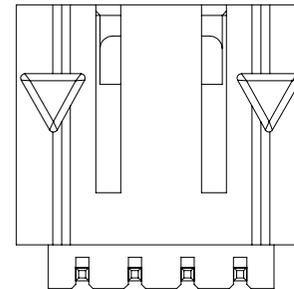
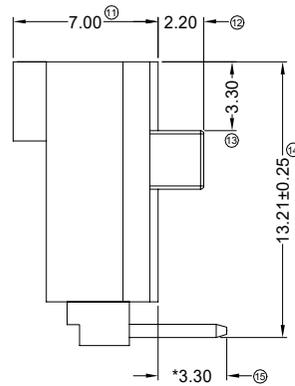
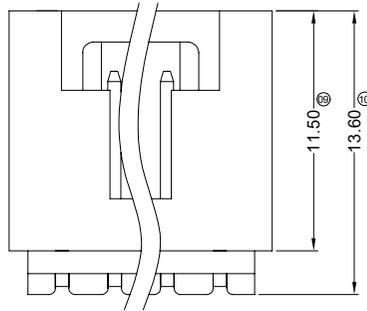
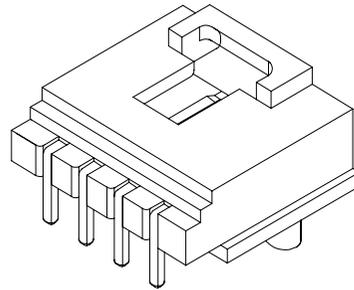
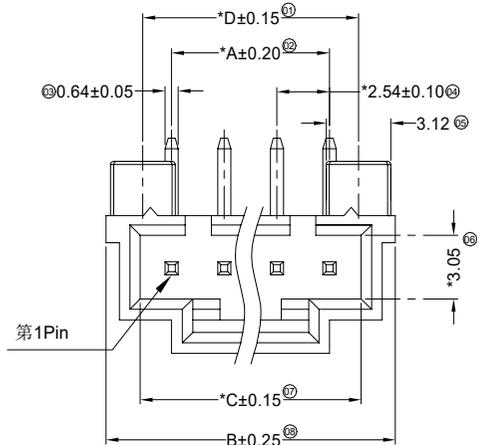
⑥ 特殊码: P-带柱

⑦ 材质: 9T-PA9T 94V-0

⑧ 电镀类别: SN-镀镍30u"最小; 镀亮锡:80u"最小  
V01-镀镍30u"最小; 镀金:0.8u"最小

⑨ 颜色: 空码-黑色

Poles	Dimensions (mm)			
	A	B	C	D
02	2.54	8.89	5.58	5.33
03	5.08	11.43	8.13	7.87
04	7.62	13.97	10.67	10.41
05	10.16	16.51	13.21	12.95
06	12.70	19.05	15.75	15.49
07	15.24	21.59	18.29	18.03
08	17.78	24.13	20.83	20.57
09	20.32	26.67	23.37	23.11
10	22.86	29.21	25.91	25.65
11	25.40	31.75	28.45	28.19
12	27.94	34.29	30.99	30.73



					<p>一般公差</p> <p>.X ±0.20</p> <p>.XX ±0.15</p> <p>.XXX ±0.08</p> <p>X.° ±2°</p> <p>视角</p>				<p>料号: 9556WR-XXP-XXXX</p> <p>名称: 2.54 mm Crimp Style Connectors</p> <p>单位: mm 比例: 1:1 页次: 1/1 版本: A 供应商编号: A-007</p>			
20/07/30	B		更新图框	Xue	Robing	核准	审查	制作	日期	Mandy	2019/06/29	
日期	版次	变更编号	变更内容说明	变更人	核准							



东莞市思索连接器有限公司

SWB CONNECTORS CO.,LTD

料号:

9556WR-XXP-XXXX

名称:

2.54 mm Crimp Style Connectors

单位: mm 比例: 1:1 页次: 1/1 版本: A 供应商编号: A-007

单位: mm 比例: 1:1 页次: 1/1 版本: A 供应商编号: A-007

RoHS

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

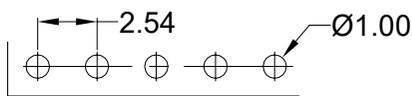
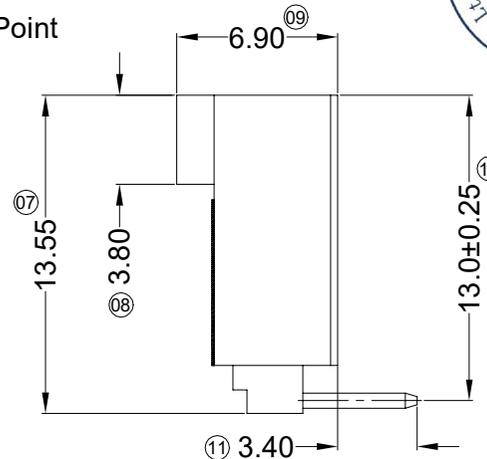
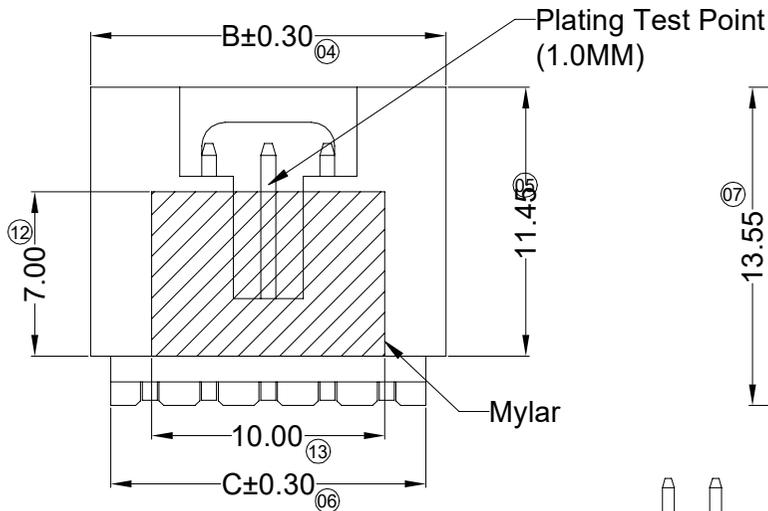
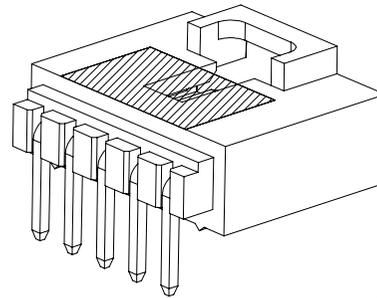
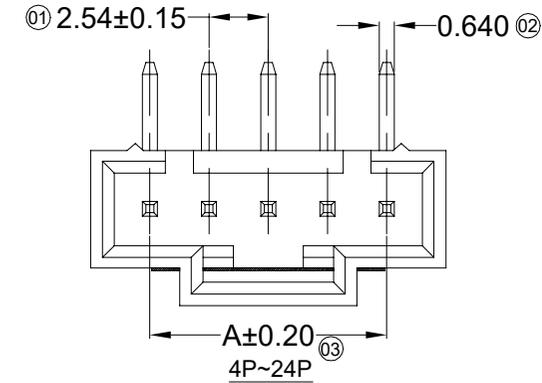
Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ

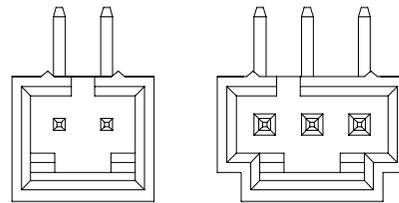
9556 W R X-XX W- 4T XXX XX

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
- ② Category: W-wafer
- ③ Welding Board Angle: R- Right Angle 90°
- ④ Welding Way: Blank-DIP
- ⑤ Row No.-Pin No.: XX-02P~24P
- ⑥ Plug the Pin & Special No.: W-Mylar
- ⑦ Material: 4T-PA4T 94V-0 ;
- ⑧ Planting Category: V30-Plating Gold 30u" SW-Plating Tin 100u"
- ⑨ Color: Blank-Black



Recommended P.C.B Layout  
General Tolerance±0.05



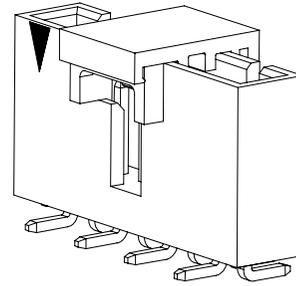
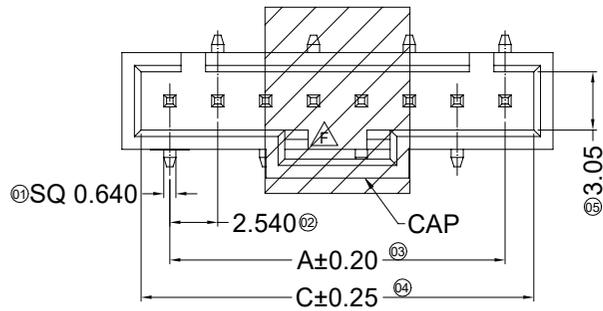
Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	2.54	7.62	5.90	14	33.02	38.10	36.38
03	5.08	10.16	8.44	15	35.56	40.64	38.92
04	7.62	12.70	10.98	16	38.10	43.18	41.46
05	10.16	15.24	13.52	17	40.64	45.72	44.00
06	12.70	17.78	16.06	18	43.18	48.26	46.54
07	15.24	20.32	18.60	19	45.72	50.80	49.08
08	17.78	22.86	21.14	20	48.26	53.34	51.62
09	20.32	25.40	23.68	21	50.80	55.88	54.16
10	22.86	27.94	26.22	22	53.34	58.42	56.70
11	25.40	30.48	28.76	23	55.88	60.96	59.24
12	27.94	33.02	31.30	24	58.42	63.50	61.78
13	30.48	35.56	33.84				

9556WR-XXW-4TSW	PA4T UL 94V-0 Halogen Free	Brass	Tin 100" Min Over Ni: 50u" Over	9556H
9556WR-XXW-4TV30			Gold-30u" Over Ni: 50u" Over	
PART NO	Material	Material(Pin)	Finish(Pin)	Mates With SWB Housing

DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER	
2020/07/30	B		Update Drawing Frame	Xue	Robing	GENERAL TOLERANCE	<b>东莞市思索连接器有限公司</b> <b>SWB CONNECTORS CO.,LTD</b>									
						.X ±0.30		<b>PART NO.</b> 9556WR-XXX-N0SNXX <b>TITLE</b> 2.54mm Crimp Style Connectors								
						.XX ±0.20			mm	1:1	1/1	B	A-000			
						.XXX ±0.10										
						X <sub>2</sub> ° ±2°										
						PROJECT			Alan qin	2018/05/19						

RoHS

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

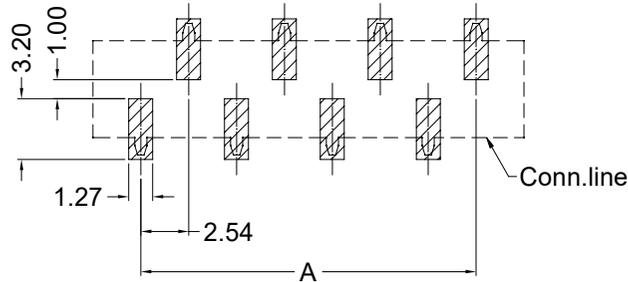
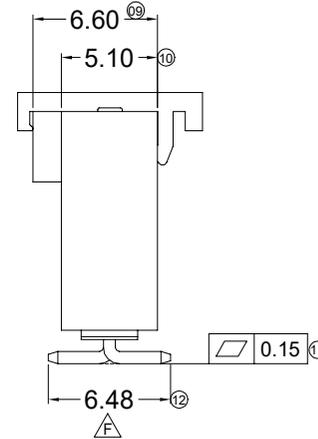
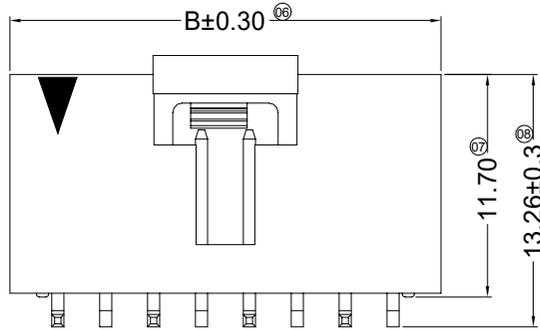


Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Material(Pin):Brass
- Mates With SWB Housing:9556H

9556 W V S-XX X-4T XX XX  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
- ② Category: W-WAFER
- ③ Welding Board Angle: V-Straight 180°
- ④ Welding Way: S-SMT
- ⑤ Row No.-Pin No.: XX-02P~20P
- ⑥ Special No.:
- ⑦ Material: 4T -PA4T UL 94V-0
- ⑧ Plating Category: V01-Gold Flash  
SW-Matte Tin Plating(SN=100u"~180u"; Ni=30u"~100u")
- ⑨ Color : Blank-Natural Color Black



Recommended P.C.B Layout  
General Tolerance±0.05

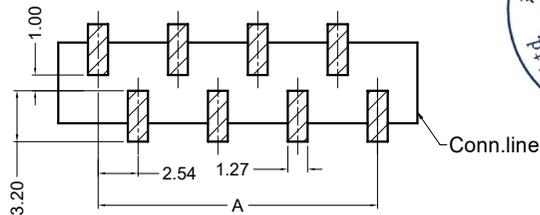
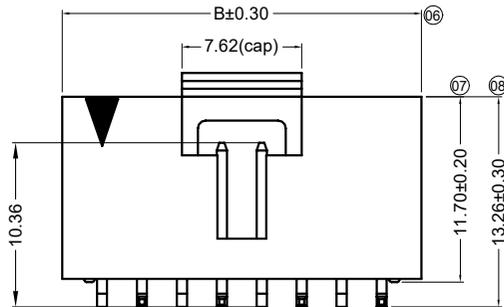
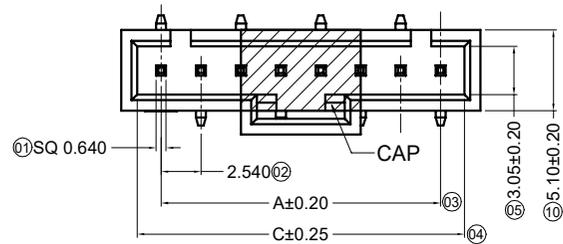


Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	2.54	7.62	5.59	12	27.94	33.02	30.99
03	5.08	10.16	8.13	13	30.48	35.56	33.53
04	7.62	12.70	10.67	14	33.02	38.10	36.07
05	10.16	15.24	13.21	15	35.56	40.64	38.61
06	12.70	17.78	15.75	16	38.10	43.18	41.15
07	15.24	20.32	18.29	17	40.64	45.72	43.69
08	17.78	22.86	20.83	18	43.18	48.26	46.23
09	20.32	25.40	23.37	19	45.72	50.80	48.77
10	22.86	27.94	25.91	20	48.26	53.34	51.31
11	25.40	30.48	28.45				

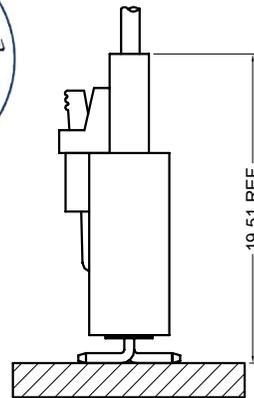
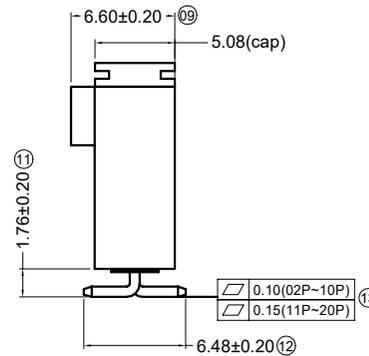
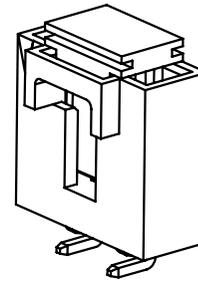
2020/07/29	I		Update Drawing Frame	Wzbin	Robing	<b>GENERAL TOLERANCE</b> .X ±0.30 .XX ±0.20 .XXX ±0.10 X.° ±2° <b>PROJECT</b> 	<b>东莞市思索连接器有限公司</b> <b>SWB CONNECTORS CO.,LTD</b>				<b>PART NO.</b> 9556WVS-XX-4TXX				
2016/06/30	H		Modify the shape of the lid	sylvia	Jova						<b>TITLE</b> 2.54mm Crimp Style Connector				
2015/08/21	G		Add film thickness specification	sylvia	Jova		APPROVAL	CHECK	DRAWN	DATE	UNIT SCALE SHEET REV NUMBER mm 1:1 1/1 I A-000				
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL				Liu Yan	2007/05/03					

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



Mating Condition

■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Material(PIN):Brass
- Mates With SWB Housing 9556H

9556 W V S - XX B - 4T XX XX

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

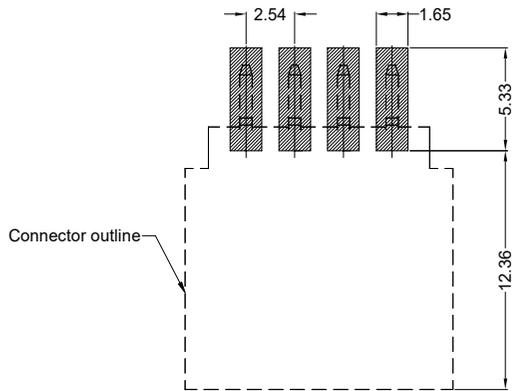
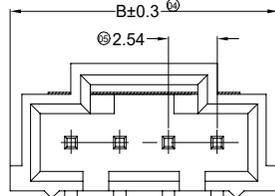
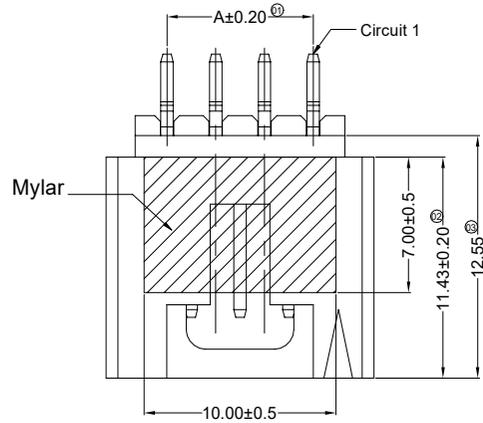
- ① Series No.
- ② Category: W-WAFER
- ③ Welding Board Angle: V-Straight 180°
- ④ Welding Way: S-SMT
- ⑤ Row No.-Pin No.: XX-02P~20P
- ⑥ Plug the Pin & Special No.: B -Reverse footprint
- ⑦ Material: 4T -PA4T UL 94V-0
- ⑧ Plating Category:  
V30 -All Gold 30u" Min. Over Ni: 50u" Min. Overall  
V01 -All Gold Flash Ni: 50u" Min. Overall  
SW -Matted Tin 100u" Min. Ni: 50u" Min. Overall
- ⑨ Color : Blank- Black

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	2.54	7.62	5.59	12	27.94	33.02	30.99
03	5.08	10.16	8.13	13	30.48	35.56	33.53
04	7.62	12.70	10.67	14	33.02	38.10	36.07
05	10.16	15.24	13.21	15	35.56	40.64	38.61
06	12.70	17.78	15.75	16	38.10	43.18	41.15
07	15.24	20.32	18.29	17	40.64	45.72	43.69
08	17.78	22.86	20.83	18	43.18	48.26	46.23
09	20.32	25.40	23.37	19	45.72	50.80	48.77
10	22.86	27.94	25.91	20	48.26	53.34	51.31
11	25.40	30.48	28.45				

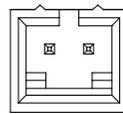
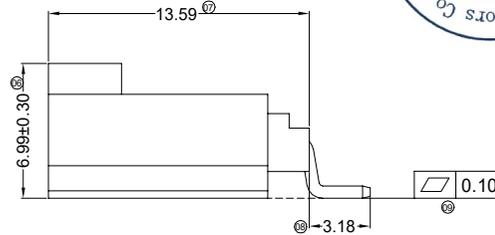
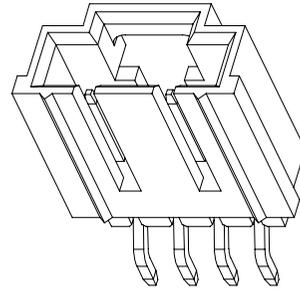
					<p>GENERAL TOLERANCE</p> <p>.X ±0.35</p> <p>.XX ±0.25</p> <p>.XXX ±0.15</p> <p>X.° ±0.2°</p> <p>PROJECT</p>				<p>东莞市思索连接器有限公司</p> <p>SWB CONNECTORS CO.,LTD</p>				<p>PART NO.</p> <p>9556WVS-XXB-4TXX</p>				
					<p>APPROVAL</p> <p>CHECK</p> <p>DRAWN</p> <p>DATE</p>				<p>TITLE</p> <p>2.54mm Crimp Style Connector</p>								
DATE	REV	ECN ON.	DESCRIPTION	MODIFY	APPROVAL			Joshua	2019/09/28	UNIT	SCALE	SHEET	REV	NUMBER			
1										mm	1:1	1/1	A	A-000			

RoHS

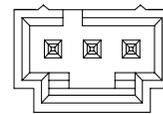
This products can apply to the SWB Doc NO. QA-3-04-005 of Environmental&Material Management Rules



Recommended P.C.B Layout  
General Tolerance±0.05



2P



3P

Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Material(Pin):Brass
- Mates With SWB Housing:9556H

9556 W R S- XX-B XX SW XX

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-Single row
- ⑥ Special NO.: B-Without Post
- ⑦ Material: 4T-PA4T 94V-0
- ⑧ Planting Category:  
SW-Matte Tin-Plated
- ⑨ Color: Blank-Natural Color Black

Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
02	2.54	8.89	08	17.78	24.13
03	5.08	11.43	09	20.32	26.67
04	7.62	13.97	10	22.86	29.21
05	10.16	16.51	11	25.40	31.75
06	12.70	19.05	12	27.94	34.29
07	15.24	21.59			

					<p>GENERAL TOLERANCE</p> <p>.X ±0.30</p> <p>.XX ±0.20</p> <p>.XXX ±0.10</p> <p>X° ±2°</p>				<p>东莞市思索连接器有限公司</p> <p>SWB CONNECTORS CO.,LTD</p>				<p>PART NO.</p> <p>9556WRS-XXB-4TSW</p>				
					<p>APPROVAL</p> <p>CHECK</p> <p>DRAWN</p> <p>DATE</p>				<p>TITLE</p> <p>2.54mm Crimp Style Connectors</p>								
2020/07/30	B		Update Drawing Frame	Xue	Robing			Alan	2017/03/21	UNIT	SCALE	SHEET	REV	NUMBER			
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL					mm	1:1	1/1	B	A-106			