

## Crimp specification

<b>Type Document</b>	<b>Crimp Specification</b>	<b>Revised /Edition</b>	<b>A</b>
<b>Date Issued:</b>	<b>2022/11/08</b>	<b>Data Revised:</b>	<b>2022/11/08</b>
<b>Subject: 2541THM 2.54mm Pitch Terminal crimp specification</b>			<b>Issued By: Engineering Dept.</b>

### Description:

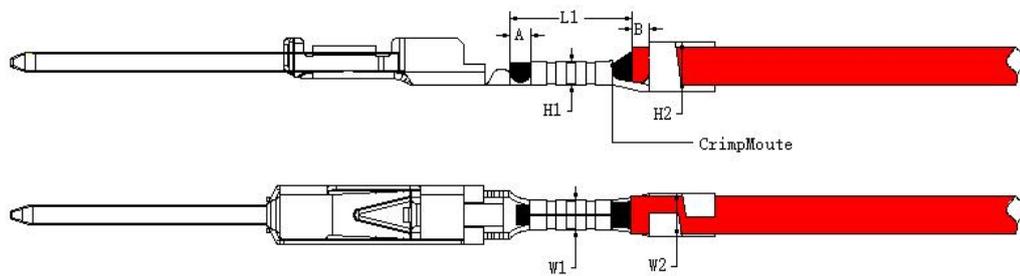
Height and width of conductor crimp core should be set as required.

(conductor crimp height and width of conductor barrel)

According to the external diameter and the type of electric wire, the width of crimped sheath shall be adjusted, wire won't be easily taken off from contact nor too much crimped.

(Crimped width of insulation barrel)

### Position Graph:



### Note:

1. Conductor crimp width. W1
2. Conductor crimp height. H1
3. Insulator crimp width. W2
4. Insulator crimp height. H2
5. Conductor wire shall be dimension long (mm) out A.
6. Naked part of sheathed wire must be located in the vicinity of center B.
7. The Crimp mouth must be equipped like bell.

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Requirement:

Subject: FLRYW -A or equivalent type electric wire						
AWG#	Conductor (mm <sup>2</sup> )		Insulation Diameter		Insulator skins length (Dim .B) mm	Dim. L1 (mm) out
#20-#18	0.50mm <sup>2</sup> ~0.75mm <sup>2</sup>		1.50mm~1.90mm		0.50mm~0.70mm	3.10mm~3.30mm
Wire Gauge (AWG#)	Conductor Crimp Area		Insulator Crimp Area		Terminal Tensile Strength	
	Width (W1)	Height(H1)	Width (W2)	Height(H2)		
0.50mm <sup>2</sup>	1.50±0.03mm	0.95±0.03mm	1.80±0.05mm	1.75±0.05mm	60N	
0.75mm <sup>2</sup>	1.68±0.03mm	1.06±0.03mm	2.10±0.05mm	2.05±0.05mm	80N	

Remarks

Unlike equipment and crimp reel molds skill facility or not shall be difference to result in dissimilar.

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SWB CONNECTOR CO.,LTD.

## Crimp specification

Type Document	Crimp Specification	Revised /Edition	A
Date Issued:	2022/09/20	Data Revised:	2022/09/20
Subject: 2541TLM 2.54mm Pitch Terminal crimp specification			Issued By: Engineering Dept.

### Description:

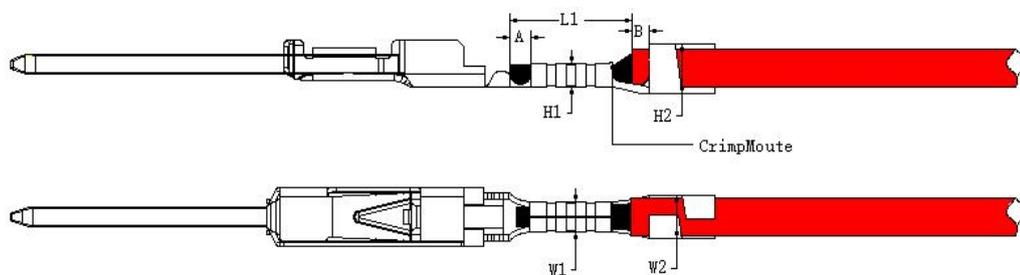
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### Position Graph:



### Note:

1. Conductor crimp width. W1
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Requirement:

Subject: FLRYW -A or equivalent type electric wire						
AWG#	Conductor (mm <sup>2</sup> )		Insulation Diameter		Insulator skins length (Dim .B) mm	Dim. L1 (mm) out
#24	0.22mm <sup>2</sup>		1.10mm		0.50mm~0.70mm	3.10mm~3.30mm
Wire Gauge (AWG#)	Conductor Crimp Area		Insulator Crimp Area		Terminal Tensile Strength	
	Width (W1)	Height(H1)	Width (W2)	Height(H2)		
0.22mm <sup>2</sup>	1.15±0.03mm	0.72±0.03mm	1.35±0.05mm	1.35±0.05mm	40N	

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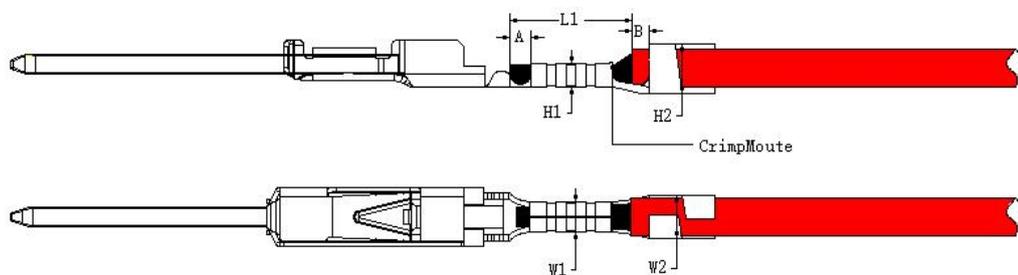
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Requirement:

Subject:UL1061 or equivalent type electric wire					
AWG#	Conductor (mm <sup>2</sup> )		Insulation Diameter	Insulator skins length (Dim .B) mm	Dim. L1 (mm) out
#26~#24	0.128mm <sup>2</sup> ~0.205mm <sup>2</sup>		1.00mm~1.10mm	0.50mm~0.70mm	3.10mm~3.30mm
Wire Gauge (AWG#)	Conductor Crimp Area		Insulator Crimp Area		Terminal Tensile Strength
	Width (W1)	Height(H1)	Width (W2)	Height(H2)	
#26	1.15±0.03mm	0.65±0.03mm	1.35±0.05mm	1.30±0.05mm	1.40kgf
#24		0.70±0.03mm		1.35±0.05mm	2.30kgf

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### Description:

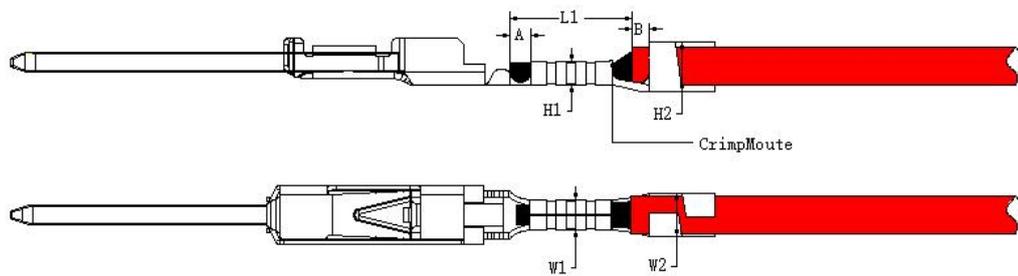
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Requirement:

Subject: FLRYW -A or equivalent type electric wire						
AWG#	Conductor (mm <sup>2</sup> )		Insulation Diameter		Insulator skins length (Dim .B) mm	Dim. L1 (mm) out
#24-#22	0.22mm <sup>2</sup> ~0.35mm <sup>2</sup>		1.10mm~1.30mm		0.50mm~0.70mm	3.10mm~3.30mm
Wire Gauge (AWG#)	Conductor Crimp Area		Insulator Crimp Area		Terminal Tensile Strength	
	Width (W1)	Height(H1)	Width (W2)	Height(H2)		
0.22mm <sup>2</sup>	1.33±0.03mm	0.82±0.03mm	1.50±0.05mm	1.40±0.05mm	40N	
0.35mm <sup>2</sup>		0.89±0.03mm		1.60±0.05mm	50N	

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