

# Crimp specification

Type Document	Crimp Specification	Revised /Edition	A2
Date Issued:	2021/08/18	Data Revised:	2022/08/30
Subject: 2019T-P08S-02Q 2019T-HY2P-02Q 2.00mm Pitch Terminal crimp specification			Issued By: Engineering Dept.

## Description:

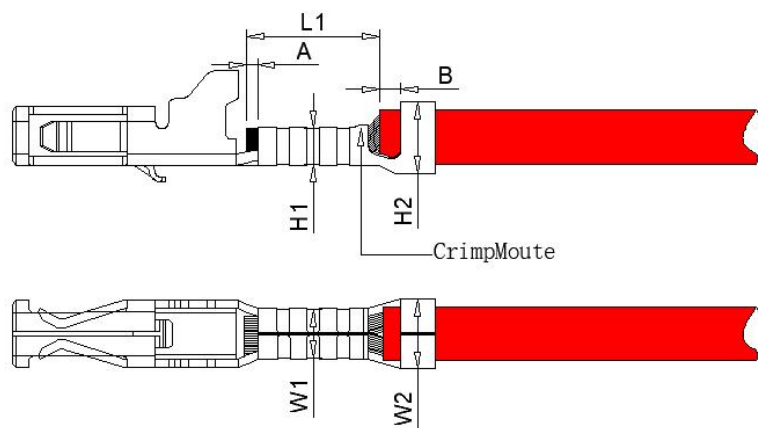
Height and width of conductor crimp core should be set as required.

(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.

## Crimp specification

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Subject: 2019T-P08S-02Q 2019T-HY2P-02Q 2.00mm Pitch Terminal crimp specification			Issued By: Engineering Dept.

Requirement:

Subject :FLRY-A or equivalent type electric wire					
AWG#	Conductor (mm <sup>2</sup> )	Insulation Diameter	Insulator skins length (Dim .B) mm	Copper wire leakage size (Dim .A) mm	Dim. L1 (mm) out
#24~#22	0.22mm <sup>2</sup> ~0.35mm <sup>2</sup>	1.30mm(max)	0.30mm~0.60mm	0.10mm~0.40mm	3.30mm~3.50mm
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>	1.35±0.03mm	0.80±0.03mm	1.55±0.05mm	1.60±0.05mm	40.0N
0.35mm <sup>2</sup>		0.85±0.03mm		1.70±0.05mm	50.0N

Remarks

1. Unlike equipment and crimp reel molds skill facility or not shall be difference to result in dissimilar.
2. This crimping specification is not limited to material changes.

Signature: Feng Xing ENG  
Dongguan SESO Technology Co.,Ltd

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Date	REV	DESCRIPTION	MODIFY	APPROVAL
2021/08/18	A	Initial Issued	/	Kim Huang
2022/05/19	A1	Replace the template	Feng Xing	Kim Huang
2022/08/30	A2	Add the detailed terminal material number	Feng Xing	Kim Huang

## Crimp specification

Type Document	Crimp Specification	Revised /Edition	A2
Date Issued:	2022/03/17	Data Revised:	2023/10/16
Subject: 2019T 2.00mm Pitch Terminal crimp specification			Issued By: Engineering Dept.

### Description:

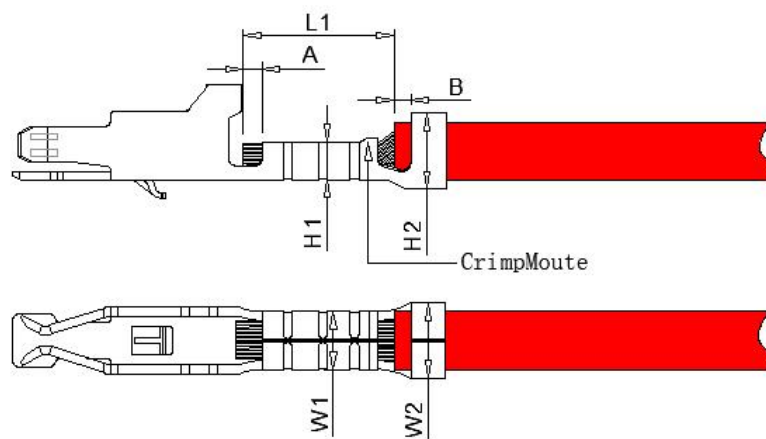
Height and width of conductor crimp core should be set as required.

(conductor crimp height and width of conductor barrel)

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(Crimped width of insulation barrel)

### Position Graph:



### Note:

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## Crimp specification

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Date Issued:	2022/03/17	Data Revised:	2023/10/16
Subject: 2019T 2.00mm Pitch Terminal crimp specification			Issued By: Engineering Dept.

Requirement:

Subject :FLRY-A or equivalent type electric wire

AWG#	Conductor (mm <sup>2</sup> )	Insulation Diameter	Insulator skins length (Dim .B) mm	Copper wire leakage size (Dim .A) mm	Dim. L1 (mm) out
#22~#20	0.35mm <sup>2</sup> ~0.50mm <sup>2</sup>	1.60mm(max)	0.30mm~0.60mm	0.10mm~0.40mm	3.30mm~3.50mm
Wire Gauge (AWG#)	Conductor Crimp Area		Insulator Crimp Area		Terminal Tensile Strength
	Width (W1)	Height(H1)	Width (W2)	Height(H2)	
0.35mm <sup>2</sup>	1.37±0.03mm	0.89±0.03mm	1.55±0.05mm	1.85±0.05mm	50.0N
0.50mm <sup>2</sup>		0.97±0.03mm			60.0N

Remarks

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Date	REV	DESCRIPTION	MODIFY	APPROVAL
2022/0317	A	Initial Issued	/	Kim Huang
2023/08/10	A1	Modify H2 dimensions	Feng Xing	Kim Huang
2023/10/16	A2	Change the outer diameter of a cable	Fx	Jack Zhang

## Crimp specification

Type Document	Crimp Specification	Revised /Edition	A3
Date Issued:	2020/11/06	Data Revised:	2023/10/16
Subject: 2019T-P08SH-02Q 2019T-HY2PH-02Q 2.00mm Pitch Terminal crimp specification			Issued By: Engineering Dept.

### Description:

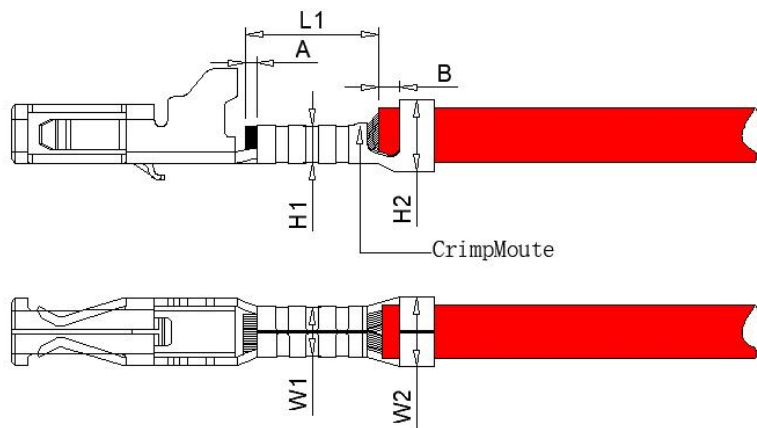
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(conductor crimp height and width of conductor barrel)

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7. The Crimp mouth must be equipped like bell.

# Crimp specification

Type Document	Crimp Specification	Revised /Edition	A3
Date Issued:	2020/11/06	Data Revised:	2023/10/16
Subject: 2019T-P08SH-02Q 2019T-HY2PH-02Q 2.00mm Pitch Terminal crimp specification			Issued By: Engineering Dept.

Requirement:

Subject :FLRY-A or equivalent type electric wire					
AWG#	Conductor (mm <sup>2</sup> )	Insulation Diameter	Insulator skins length (Dim .B) mm	Copper wire leakage size (Dim .A) mm	Dim. L1 (mm) out
#22~#20	0.35mm <sup>2</sup> ~0.50mm <sup>2</sup>	1.60mm (max)	0.30mm~0.60mm	0.10mm~0.40mm	3.30mm~3.50mm
Wire Gauge (AWG#)	Conductor Crimp Area		Insulator Crimp Area		Terminal Tensile Strength
	Width (W1)	Height(H1)	Width (W2)	Height(H2)	
0.35mm <sup>2</sup>	1.37±0.03mm	0.89±0.03mm	1.55±0.05mm	1.85±0.05mm	50.0N
0.50mm <sup>2</sup>		0.97±0.03mm			60.0N

Remarks

1. Unlike equipment and crimp reel molds skill facility or not shall be difference to result in dissimilar.
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Date	REV	DESCRIPTION	MODIFY	APPROVAL
2020/11/06	A	Initial Issued	/	Kim Huang
2022/08/30	A1	Add the detailed terminal material number	Feng Xing	Kim Huang
2023/08/10	A2	Modify H2 dimensions	Feng Xing	Kim Huang
2023/10/16	A3	Change the outer diameter of a cable	Fx	Jack Zhang