

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:

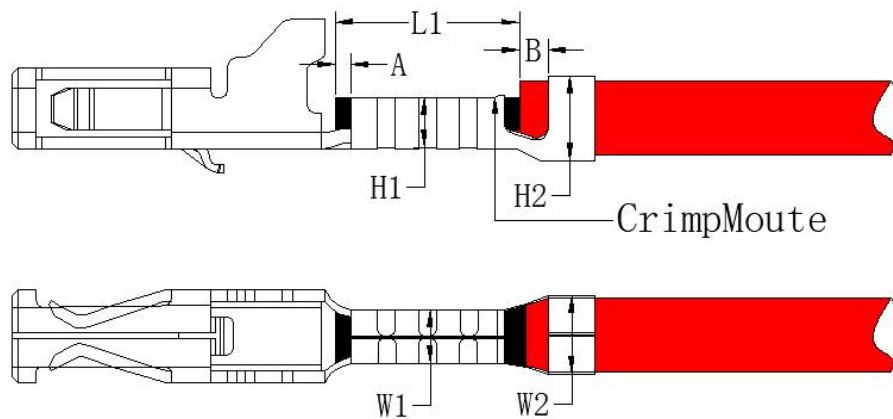
Height and width of conductor crimp core should be set as required.

(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.

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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 ²)		Insulation Diameter	Insulator skins length (Dim .B) mm	Dim. L1 (mm) out
#24~#22	0.22mm ² ~0.35mm ²		1.10mm~1.30mm	0.30~0.50mm	3.10~3.30mm
Wire Gauge (AWG#)	Conductor Crimp Area		Insulator Crimp Area		Terminal Tensile Strength
	Width (W1)	Height(H1)	Width (W2)	Height(H2)	
0.22mm ²	1.35±0.03mm	0.80±0.03mm	1.55±0.05mm	1.60±0.05mm	40N
0.35mm ²		0.85±0.03mm		1.70±0.05mm	50N

Remarks

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

Signature: Feng Xing ENG
SWB CONNECTOR 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	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:

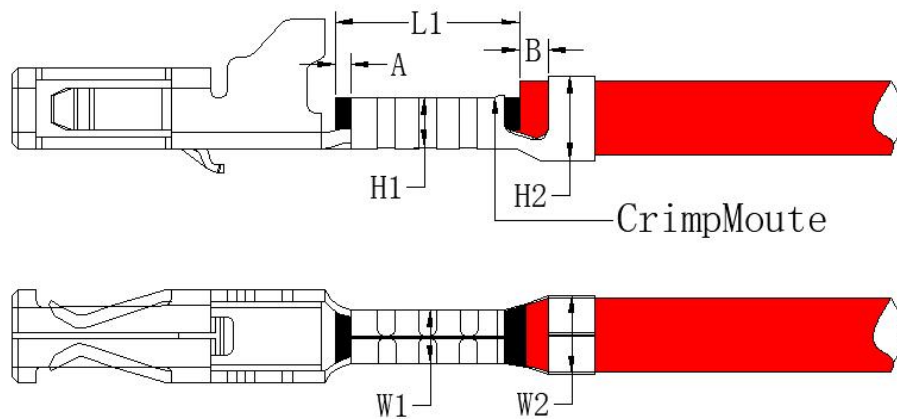
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Subject: 2019T-P08SH-02Q 2019T-HY2PH-02Q 2.00mm Pitch Terminal crimp specification			Issued By: Engineering Dept.

Requirement:

Subject :FLRY-A or equivalent type electric wire					
AWG#	Conductor (mm ²)	Insulation Diameter	Insulator skins length (Dim .B) mm	Dim. L1 (mm) out	
#22~#20	0.35mm ² ~0.50mm ²	1.60mm (max)	0.30mm~0.50mm	3.10mm~3.30mm	
Wire Gauge (AWG#)	Conductor Crimp Area		Insulator Crimp Area		Terminal Tensile Strength
	Width (W1)	Height(H1)	Width (W2)	Height(H2)	
0.35mm ²	1.37±0.03mm	0.89±0.03mm	1.55±0.05mm	1.85±0.05mm	50N
0.50mm ²		0.97±0.03mm			60N

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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

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.

Description:

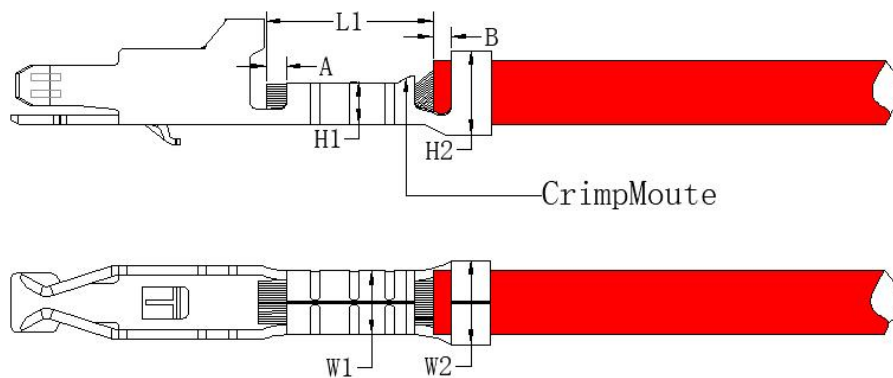
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