

Crimp specification

Type Document	Crimp Specification	Revised /Edition	A2
Date Issued:	2020/12/12	Data Revised:	2024/06/28
Subject:3007TF-HGW30 3.0mm Pitch Terminal crimp specification			Issued By: Engineering Dept.

Description:

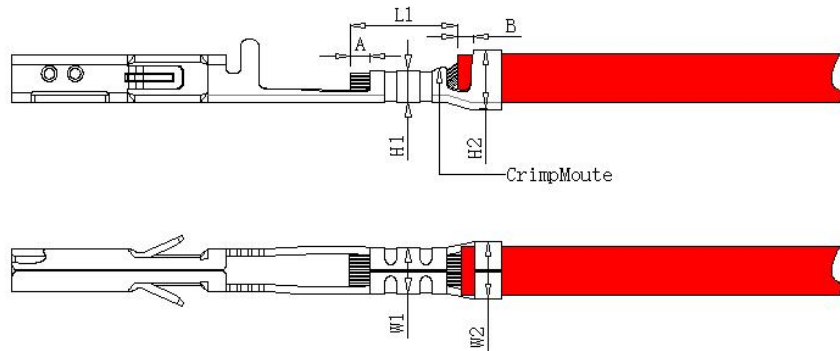
Height and width of conductor crimp core should be set as required.

(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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Requirement:

Subject:UL1061 or equivalent type electric wire					
AWG#	Conductor (mm ²)	Insulation Diameter	Insulator skins length (Dim .B) mm	Copper wire leakage size (Dim .A) mm	Dim. L1 (mm) out
#24~#20	0.205mm~0.519mm ²	1.85mm (max)	0.20mm~0.50mm	0.30mm~0.80mm	2.50mm~3.0mm
Wire Gauge (AWG#)	Conductor Crimp Area		Insulator Crimp Area		Terminal Tensile Strength
	Width (W1)	Height(H1)	Width (W2)	Height(H2)	
#24	1.53±0.03mm	0.80±0.03mm	1.85±0.05mm	1.50±0.05mm	22.2N
#22		0.85±0.03mm		1.60±0.05mm	35.6N
#20		0.92±0.03mm		1.70±0.05mm	57.8N

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.
3. 24WAG only meets tensile standards.

Signature: FX ENG

Dongguan SESO Technology Co.,Ltd

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Date	REV	DESCRIPTION	MODIFY	APPROVAL
2020/12/12	A	Initial Issued	FX	Jack Zhang
2024/05/21	A1	Added 24AWG crimping standard	FX	Jack Zhang
2024/06/28	A2	Modified tension standard	FX	Jack Zhang

Crimp specification

Type Document	Crimp Specification	Revised /Edition	A1
Date Issued:	2020/12/17	Data Revised:	2024/06/28
Subject:3007THF-HGW30 3.00mm Pitch Terminal crimp specification			Issued By: Engineering Dept.

Description:

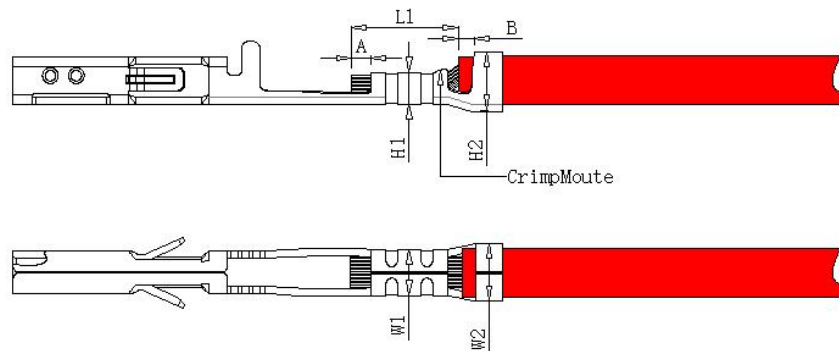
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Crimp specification

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Requirement:

Subject:UL1061 or equivalent type electric wire					
AWG#	Conductor (mm ²)	Insulation Diameter	Insulator skins length (Dim .B) mm	Copper wire leakage size (Dim .A) mm	Dim. L1 (mm) out
#18~#16	0.824mm~1.307mm ²	2.10mm(max)	0.20mm~0.50mm	0.30mm~0.80mm	2.20mm~2.70mm
Wire Gauge (AWG#)	Conductor Crimp Area		Insulator Crimp Area		Terminal Tensile Strength
	Width (W1)	Height(H1)	Width (W2)	Height(H2)	
#18	1.93±0.03mm	1.03±0.03mm	2.32±0.05mm	1.90±0.05mm	57.8N
#16	1.96±0.03mm	1.21±0.03mm		2.10±0.05mm	

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.

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Crimp specification

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Date	REV	DESCRIPTION	MODIFY	APPROVAL
2020/12/17	A	Initial Issued	FX	Jack Zhang
2024/06/28	A1	Modified tension standard	FX	Jack Zhang