Crimp specification								
Type Document	Revised /Edition	A						
Date Issued:	2020/11/13	Data Revised:	2020/11/13					
Subject: 1002T	Issued By:							
1.00mm	Engineering Dept.							

## Description:

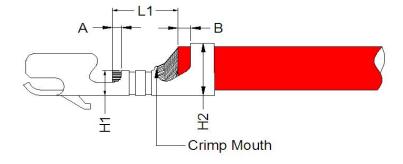
Height and width of conductor crimp core should be set as required.

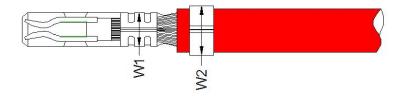
(conductor crimp height and width of conductor barrel)

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:UL1571 or equivalent type electric wire								
AWG#	Conductor (mm²)		Insulation Diameter		Insulator skins length (Dim .B) mm		Dim. L1 (mm) out	
#30~#28	0.051mm²~0.08mm²		0.60mm~0.80mm		0.3~0.5mm		1.2~1.4mm	
Wire Gauge	Conductor Crimp Area		Insulator Crimp Area		Terminal Tensile			
(AWG#)	Width (W1)	Н	eight(H1)	Width	(W2)	Height(H2)	Strength	
#28	0.75±0.03mm	0.44±0.03mm		0.78+0.03	2mm	0.99±0.03mm	0.9kgf	
#30	0.75±0.03mm	0.42	2±0.03mm	0.76±0.03HIII			0.7kgf	

## Remarks

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

Signature: <u>JACK</u> ENG SWB CONNECTOR CO.,LTD.