

Crimp specification

| | | | |
|---|---------------------|------------------|---------------------------------|
| Type Document | Crimp Specification | Revised /Edition | A3 |
| Date Issued: | 2022/01/05 | Data Revised: | 2023/05/19 |
| Subject: 2024TF-HY2B-A 2.00mm Pitch Terminal crimp specification | | | Issued By: Engineering Dept. |

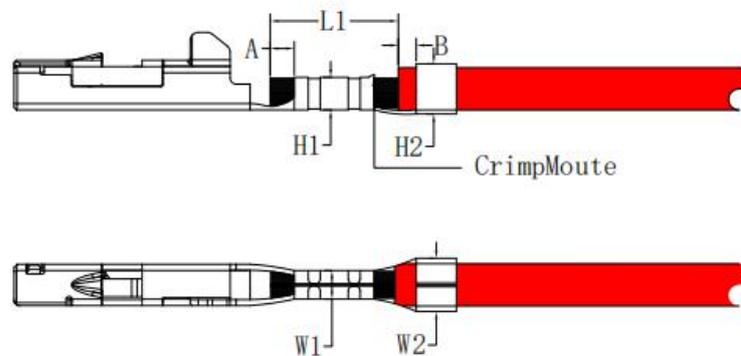
Description:

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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Requirement:

| Subject: FLRYW-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 | | 1.10~1.30mm | 0.40~0.60mm | 2.40~2.60mm |
| Wire Gauge (AWG#) | Conductor Crimp Area | | Insulator Crimp Area | | Terminal Tensile Strength |
| | Width (W1) | Height(H1) | Width (W2) | Height(H2) | |
| 0.22mm ² | 1.20±0.03mm | 0.70±0.03mm | 1.45±0.05mm | 1.40±0.05mm | 40N |
| 0.35mm ² | | 0.79±0.03mm | | 1.55±0.05mm | 50N |

Remarks

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

Signature: JACK ENG
SWB CONNECTOR CO.,LTD.

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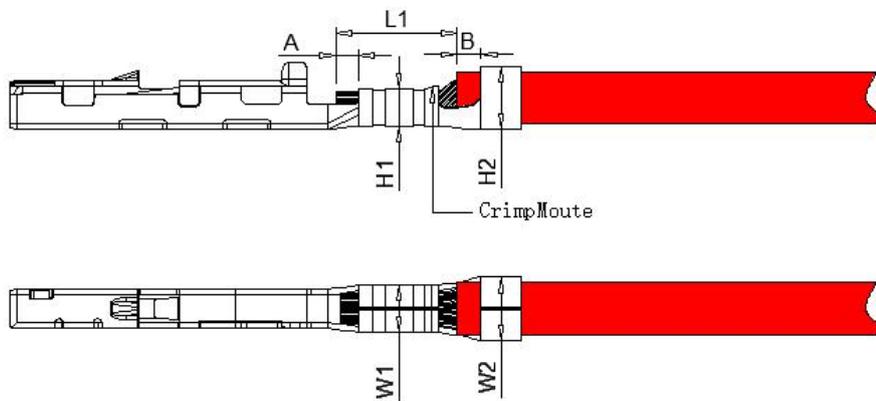
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Requirement:

Subject: UL1571 or UL1061 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 |
|----------------------|---|---------------------|---------------------------------------|---|------------------------------|
| #30~#26 | 0.05mm ² ~0.128mm ² | 0.90mm(max) | 0.40mm~0.90mm | 0.20mm~0.50mm | 2.60mm~2.90mm |
| Wire Gauge (AWG#) | Conductor Crimp Area | | Insulator Crimp Area | | Terminal Tensile Strength |
| | Width (W1) | Height(H1) | Width (W2) | Height(H2) | |
| UL1571#30 | 0.85±0.03mm | 0.46±0.03mm | 1.12±0.05mm | 0.90±0.05mm | 0.70kgf |
| UL1571#28 | | 0.48±0.03mm | | 1.15±0.05mm | 0.90kgf |
| UL1061#26 | | 0.59±0.03mm | | 1.20±0.05mm | 1.40kgf |

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: JACK ENG

Dongguan SESO Technology Co.,Ltd