Crimp specification						
Type Document	Type Document Crimp Specification Revised /Edition A2					
Date Issued:	Date Issued: 2020/08/15 Data Revised:					
Subject: 3025TF-PSN-B	Subject: 3025TF-PSN-B					
3.00mm	Pitch Terminal crimp speci	fication	Engineering Dept.			

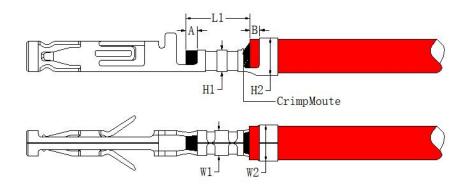
Height and width of conductor crimp core should be set as required.

(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:



- 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						
Type Document	Type Document Crimp Specification Revised /Edition A2					
Date Issued:	Date Issued: 2020/08/15 Data Revised: 2022/05/19					
Subject: 3025TF-PSN-B	Subject: 3025TF-PSN-B Issued By:					
3.00mm	Pitch Terminal crimp speci	fication	Engineering Dept.			

	Subject:FLRY-A or equivalent type electric wire						
AWG#	Conductor (mm²)	Insulation Diameter	Insulator skins length (Dim .B) mm	Copper wire leakage size (Dim .A) mm	Dim. L1 (mm) out		
#24~#20	0.22mm ² ~0.50mm ²	1.85mm(max)	0.20mm~0.50mm	0.20mm~0.50mm	2.40mm~2.70mm		
Wire Gauge	Wire Gauge Conductor Cr		Crimp Area Insulator Crir		Terminal Tensile		
(AWG#)	Width (W1)	Height(H1)	Width (W2)	Height(H2)	Strength		
0.22mm ²		0.80±0.03mm		1.45±0.05mm	40.0N		
0.35mm²	1.45±0.03mm	0.85±0.03mm	1.85±0.05mm	1.65±0.05mm	50.0N		
0.50mm ²		0.95±0.03mm		1.70±0.05mm	60.0N		

Remarks

- 1. Unalike 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: ______ENG



Crimp specification					
Type Document Crimp Specification Revised /Edition A1					
Date Issued:	Date Issued: 2021/01/04 Data Revised:				
Subject: 3025TF-PSN-LA			Issued By:		
3.0mm	Pitch Terminal crimp specif	ication	Engineering Dept.		

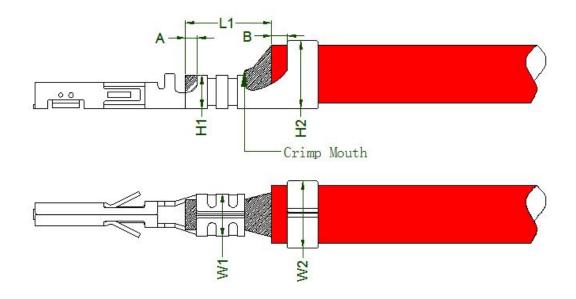
Height and width of conductor crimp core should be set as required.

(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:



- 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					
Type Document	Type Document Crimp Specification Revised /Edition A1				
Date Issued:	Date Issued: 2021/01/04 Data Revised: 2024/05/21				
Subject: 3025TF-PSN-LA	Subject: 3025TF-PSN-LA Issued By:				
3.0mm	3.0mm Pitch Terminal crimp specification				

	Subject:UL1061 or equivalent type electric wire						
AWG#	Conductor (mm²)	Insulation Diameter	Insulator skins length (Dim .B) mm	Copper wire leakage size (Dim .A) mm	Dim. L1 (mm) out		
#30~#26	0.05mm ² ~0.13mm ²	1.27mm(max)	0.20mm~0.50mm	0.20mm~0.50mm	2.40mm~2.70mm		
Wire Gauge	e Conductor Crimp Area		Insulator (Terminal Tensile			
(AWG#)	Width (W1)	Height(H1)	Width (W2)	Height(H2)	Strength		
#30		0.61±0.03mm		1.10±0.05mm	0.50kgf		
#28	1.14±0.03mm	0.63±0.03mm	1.50±0.05mm	1.15±0.05mm	1.0kgf		
#26		0.66±0.03mm		1.30±0.05mm	2.0kgf		

Remarks

- 1. Unalike 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. 30WAG only meets tensile standards.

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Crimp specification					
Type Document Crimp Specification Revised /Edition A1					
Date Issued:	Date Issued: 2021/01/04 Data Revised: 2024/05/21				
Subject: 3025TF-PSN-LA	Issued By:				
3.0mm	Pitch Terminal crimp specif	fication	Engineering Dept.		

Date	REV	DESCRIPTION	MODIFY	APPROVAL
2021/0104	А	Initial Issued	/	Jack Zhang
2024/05/21	A1	Added 30AWG crimping standard	FX	Jack Zhang



Crimp specification				
Type Document Crimp Specification Revised /Edition A3				
Date Issued:	Date Issued: 2020/08/15 Data Revised:			
Subject: 3025TF-PSN-V	Issued By:			
3.0mm	Pitch Terminal crimp specif	ication	Engineering Dept.	

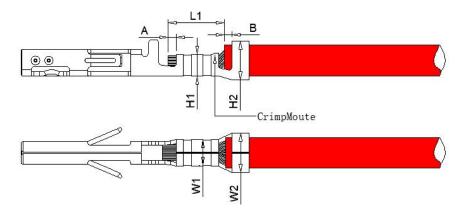
Height and width of conductor crimp core should be set as required.

(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:



- 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					
Type Document Crimp Specification Revised /Edition A3					
Date Issued:	2024/03/27				
Subject: 3025TF-PSN-V	Issued By:				
3.0mm	Pitch Terminal crimp specif	ication	Engineering Dept.		

	Subject:FLRY-A or equivalent type electric wire						
AWG#	Conductor (mm²)	Insulation Diameter	Insulator skins length (Dim .B) mm	Copper wire leakage size (Dim .A) mm	Dim. L1 (mm) out		
#24~#20	0.22mm ² ~0.50mm ²	1.85mm(max)	0.20mm~0.50mm	0.20mm~0.50mm	2.40mm~2.70mm		
Wire Gauge	Conductor	Conductor Crimp Area Insulator Crimp Area		Terminal Tensile			
(AWG#)	Width (W1)	Height(H1)	Width (W2)	Height(H2)	Strength		
0.22mm ²	1.37±0.03mm	0.83±0.03mm		1.60±0.05mm	40.0N		
0.35mm ²	1.55±0.03mm	0.86±0.03mm	1.85±0.05mm	1.65±0.05mm	50.0N		
0.50mm ²	1.00±0.0311111	0.93±0.03mm		1.70±0.05mm	60.0N		

Remarks

- 1. Unalike 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					
Type Document Crimp Specification Revised /Edition A3					
Date Issued:	Date Issued: 2020/08/15 Data Revised:				
Subject: 3025TF-PSN-V	Issued By:				
3.0mm	3.0mm Pitch Terminal crimp specification				

-					
	Date	REV	DESCRIPTION	MODIFY	APPROVAL
	2020/08/15	А	Initial Issued	/	Jack Zhang
	2021/07/21	A1	Added applicable wire	FX	Jack Zhang
	2022/05/19	A2	Modified tension standard	FX	Jack Zhang
	2024/03/27	A3	Modify the 0.22mm ² crimping parameter	FX	Jack Zhang

Crimp specification					
Type Document					
Date Issued:	Date Issued: 2022/12/14 Data Revised:				
Subject: 3025TLF-PSN-V	Subject: 3025TLF-PSN-V				
3.0mm	3.0mm Pitch Terminal crimp specification				

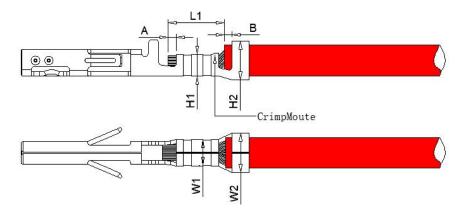
Height and width of conductor crimp core should be set as required.

(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:



- 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					
Type Document					
Date Issued:	Date Issued: 2022/12/14 Data Revised:				
Subject: 3025TLF-PSN-V	Subject: 3025TLF-PSN-V Issued By:				
3.0mm	Pitch Terminal crimp specif	ication	Engineering Dept.		

	Subject:UL1061 or equivalent type electric wire							
AWG#	Conductor (mm²)	Insulation Diameter	Insulator skins length (Dim .B) mm	Copper wire leakage size (Dim .A) mm	Dim. L1 (mm) out			
#28~#26	0.08mm ² ~0.13mm ²	1.27mm(max)	0.20mm~0.50mm	0.20mm~0.50mm	2.40mm~2.70mm			
Wire Gauge	Conductor (Crimp Area Insulator Cri		imp Area	Terminal Tensile			
(AWG#)	Width (W1)	Height(H1)	Width (W2)	Height(H2)	Strength			
#26		0.70±0.03mm	4.45.005	1.35±0.05mm	2.0kgf			
#28	1.10±0.03mm	0.65±0.03mm	1.45±0.05mm	1.25±0.05mm	1.0kgf			

Remarks

- 1. Unalike 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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Dongguan Si	ESO Technol	ogy Co.,Ltd



Crimp specification					
Type Document	Type Document Crimp Specification Revised /Edition				
Date Issued:	Date Issued: 2020/08/15 Data Revised:				
Subject: 3025TM-PSN	Subject: 3025TM-PSN				
3.0mm	3.0mm Pitch Terminal crimp specification				

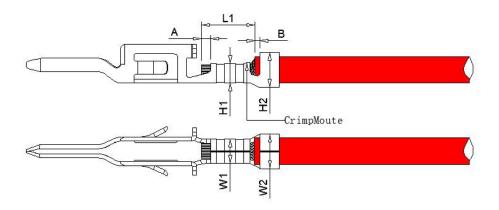
Height and width of conductor crimp core should be set as required.

(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:



- 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					
Type Document Crimp Specification Revised /Edition A					
Date Issued:	2020/08/15				
Subject: 3025TM-PSN	Issued By:				
3.0mm	Pitch Terminal crimp specif	ication	Engineering Dept.		

	Subject:FLRY-A or equivalent type electric wire							
AWG#	Conductor (mm²)	Insulation Diameter	Insulator skins length	Copper wire leakage size	Dim. L1 (mm) out			
			(Dim .B) mm	(Dim .A) mm				
#22~#20	0.35mm ² ~0.50mm ²	1.85mm(max)	0.20mm~0.40mm	0.20mm~0.50mm	2.40mm~2.70mm			
Wire Gauge	Conductor	Crimp Area	Insulator C	Crimp Area	Terminal Tensile			
(AWG#)	Width (W1)	Height(H1)	Width (W2)	Height(H2)	Strength			
0.35mm ²	1.45±0.03mm	0.92±0.03mm	1.85±0.05mm	1.65±0.05mm	50.0N			
0.50mm ²	1.40±0.00111111	1.00±0.03mm	1.03±0.0311111	1.70±0.05mm	60.0N			

Remarks

- 1. Unalike 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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Page 2 of 2



Crimp specification					
Type Document Crimp Specification Revised /Edition					
Date Issued:	Date Issued: 2022/01/12 Data Revised:				
Subject: 3025TM-PSN-LA			Issued By:		
3.0mm	Pitch Terminal crimp specif	ication	Engineering Dept.		

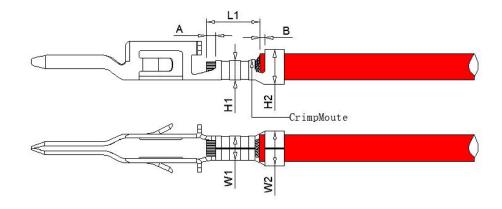
Height and width of conductor crimp core should be set as required.

(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:



- 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						
Type Document	Type Document Crimp Specification Revised /Edition A					
Date Issued:	Date Issued: 2022/01/12 Data Revised:					
Subject: 3025TM-PSN-LA	Subject: 3025TM-PSN-LA Issued By:					
3.0mm	3.0mm Pitch Terminal crimp specification					

	Subject:UL1061 or UL1571 equivalent type electric wire						
AWG#	Conductor (mm²)	Insulation Diameter	Insulator skins length (Dim .B) mm	Copper wire leakage size (Dim .A) mm	Dim. L1 (mm) out		
#30~#26	0.05mm ² ~0.13mm ²	1.27mm (max)	0.20mm~0.40mm	0.20mm~0.50mm	2.40mm~2.70mm		
Wire Gauge	Gauge Conductor Crimp Area Insulator Crimp Area		rimp Area	Terminal Tensile			
(AWG#)	Width (W1)	Height(H1)	Width (W2)	Height(H2)	Strength		
#26		0.69±0.03mm		1.35±0.05mm	2.0kgf		
#28	1.10±0.03mm	0.63±0.03mm	1.45±0.05mm	1.25±0.05mm	1.0kgf		
#30		0.60±0.03mm		1.15±0.05mm	0.50kgf		

Remarks

- 1. Unalike 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: ______ENG



Crimp specification			
Type Document	Crimp Specification	Revised /Edition	A
Date Issued:	2024/05/24		
Subject: 3025TM-PSN			Issued By:
3.0mm Pitch Terminal crimp specification			Engineering Dept.

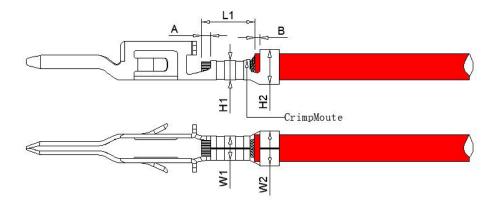
Height and width of conductor crimp core should be set as required.

(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:



- 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			
Type Document	Crimp Specification	Revised /Edition	Α
Date Issued:	2024/05/24		
Subject: 3025TM-PSN			Issued By:
3.0mm Pitch Terminal crimp specification			Engineering Dept.

Subject:FLRY-A or UL1061 equivalent type electric wire					
AWG#	Conductor (mm²)	Insulation Diameter	Insulator skins length (Dim .B) mm	Copper wire leakage size (Dim .A) mm	Dim. L1 (mm) out
#24~#20	0.20mm ² ~0.50mm ²	1.85mm(max)	0.20mm~0.40mm	0.20mm~0.50mm	2.40mm~2.70mm
Wire Gauge	Gauge Conductor Crimp Area		Insulator C	Insulator Crimp Area	
(AWG#)	Width (W1)	Height(H1)	Width (W2)	Height(H2)	Strength
#24		0.77±0.03mm		1.60±0.05mm	2.0kgf
0.35mm ²	1.45±0.03mm	±0.03mm 0.92±0.03mm 1.85±0.05mm	1.65±0.05mm	4.0kgf	
0.50mm ²		1.00±0.03mm		1.70±0.05mm	6.0kgf

Remarks

- 1. Unalike 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: 7% ENG



Crimp specification			
Type Document	Crimp Specification	Revised /Edition	А
Date Issued:	2023/10/11		
Subject:3025TLF-PG03-B			Issued By:
3.0mm Pitch Terminal crimp specification			Engineering Dept.

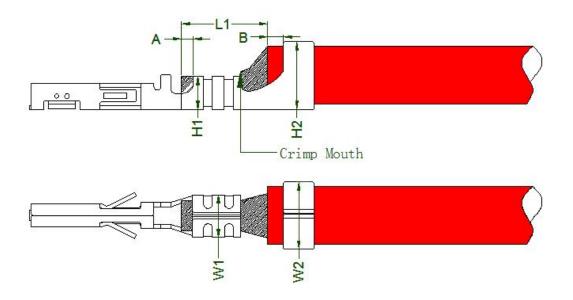
Height and width of conductor crimp core should be set as required.

(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:



- 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			
Type Document	Crimp Specification	Revised /Edition	А
Date Issued:	2023/10/11		
Subject:3025TLF-PG03-B			Issued By:
3.0mm Pitch Terminal crimp specification			Engineering Dept.

Subject: FLRYW-A or UL1061 equivalent type electric wire					
AWG#	Conductor (mm²)	Insulation Diameter	Insulator skins length (Dim .B) mm	Copper wire leakage size (Dim .A) mm	Dim. L1 (mm) out
#26~#24	0.13~0.22mm²	1.10mm(max)	0.20mm~0.40mm	0.10mm~0.50mm	2.40mm~3.10mm
Wire Gauge	Conductor Crimp Area		Insulator Crimp Area		Terminal Tensile
(AWG#)	Width (W1)	Height(H1)	Width (W2)	Height(H2)	Strength
0.13mm²		0.66±0.03mm	1.35±0.05mm	1.25±0.05mm	13.7N
0.22mm²			1.30±0.05mm	30.0N	

Remarks

- 1. Unalike 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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Dongguan SES	SO Techno	Joay Co. Ltd