



Crimp specification					
Type Document	Crimp Specification	Revised /Edition	А		
Date Issued:	2021/11/08				
Subject: 2019THM-PSN1	Issued By:				
2.0mm	Engineering Dept.				

Description:

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

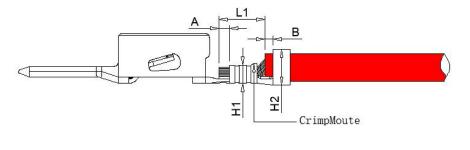
(conductor crimp height and width of conductor barrel)

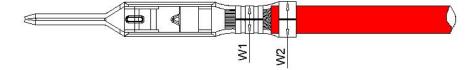
According to the external diameter and the type of electric wire, the width of crimped sheath shall be adjusted, wire won't

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.





Crimp specification				
Type Document	Crimp Specification	Revised /Edition	А	
Date Issued:	2021/11/08			
Subject: 2019THM-PSN1	Issued By:			
2.0mm	Engineering Dept.			

Requirement:

		Subject:FLRY-A	or eq	uivalent type electric	wire	
AWG#	Conductor (mm ²)	Insulation Diameter	Insulation Diameter		Copper wire leakage size (Dim .A) mm	Dim. L1 (mm) out
#22~#20	0.35mm ² ~0.50mm ²	1.60mm(max)).20mm~0.60mm	0.20mm~0.70mm	1.80mm~2.30mm
Wire Gauge	Conduct	onductor Crimp Area		Insulator Crimp Area		Terminal Tensile
(AWG#)	Width (W1)	Height(H1)		Width (W2)	Height(H2)	Strength
0.35mm ²	1.35±0.03mm	0.91±0.03mm		1.55±0.05mm	1.65±0.05mm	50.0N
0.50mm ²	1.37±0.03mm	0.98±0.03mm		1.55±0.05000	1.80±0.05mm	50.014

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	А		
Date Issued:	2021/11/26				
Subject: 2019TLM-PSN1	Issued By:				
2.0mm	Engineering Dept.				

Description:

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

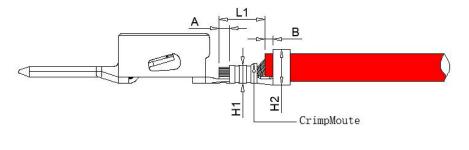
(conductor crimp height and width of conductor barrel)

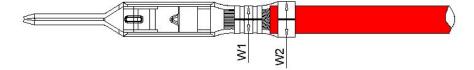
According to the external diameter and the type of electric wire, the width of crimped sheath shall be adjusted, wire won't

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(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.





Crimp specification					
Type Document	Crimp Specification	Revised /Edition	А		
Date Issued:	2021/11/26				
Subject: 2019TLM-PSN1	Issued By:				
2.0mm	Engineering Dept.				

Requirement:

	Subject:UL1061 or equivalent type electric wire					
AWG#	Conductor (mm²)	Insulation Diame	nsulation Diameter (Dir		Copper wire leakage size (Dim .A) mm	Dim. L1 (mm) out
#28~#26	0.08mm ² ~0.13mm ²	1.20mm(max) 0.20mm		.20mm~0.60mm	0.20mm~0.70mm	1.80mm~2.30mm
Wire Gauge	Conducto	ctor Crimp Area		Insulator Crimp Area		Terminal Tensile
(AWG#)	Width (W1)	Height	Height(H1)		Height(H2)	Strength
#28	1.05±0.03mm	0.65±0.0	0.65±0.03mm		1.25±0.05mm	9.0N
#26	1.05±0.0511111	0.69±0.0	I3mm	- 1.45±0.05mm	1.35±0.05mm	14.0N

Remarks

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	Ibject: 2019TLM-PSN1 Issued By: Engineering Dept. 2.0mm Pitch Terminal crimp specification Engineering Dept. Date REV DESCRIPTION MODIFY APPROVAL 2021/11/26 A Initial Issued / Jack Zhang	Type Docu Date Issu		Crimp Specification	Revised /Edition Data Revised:	20	A 2021/11/26		
2021/11/26 A Initial Issued / Jack Zhang	2021/11/26 A Initial Issued / Jack Zhang	bject: 2019T			ïcation		Issued By:		
2021/11/26 A Initial Issued / Jack Zhang	2021/11/26 A Initial Issued / Jack Zhang	Date	REV	DESCRIP	TION	MODIFY	APPROVAI		
2024/06/13 A1 Modified tension standard FX Jack Zhang	2024/06/13 A1 Modified tension standard FX Jack Zhang		A			/			
		2024/06/13	A1	Modified tension standard		FX	Jack Zhang		





Crimp specification					
Type Document	Crimp Specification	Revised /Edition	A1		
Date Issued:	2024/07/18				
Subject: 2019TM-HY2B	Issued By:				
2.0mm	Engineering Dept.				

Description:

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

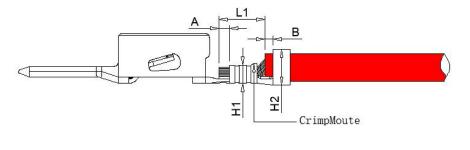
(conductor crimp height and width of conductor barrel)

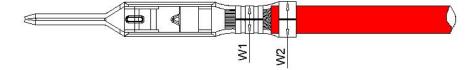
According to the external diameter and the type of electric wire, the width of crimped sheath shall be adjusted, wire won't

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(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.





Crimp specification					
Type Document	Crimp Specification	Revised /Edition	A1		
Date Issued:	2024/07/18				
Subject: 2019TM-HY2B	Issued By:				
2.0mm	Engineering Dept.				

Requirement:

		Subject:FLRY-A	or eq	uivalent type elect	tric wi	ire	
AWG#	Conductor (mm ²)	Insulation Diameter	sulation Diameter (Dim .B)		Со	pper wire leakage size (Dim .A) mm	Dim. L1 (mm) out
#24~#22	0.22mm ² ~0.35mm ²	1.30mm(max) 0.20m		:0mm~0.60mm		0.20mm~0.70mm	1.80mm~2.30mm
Wire Gauge	Conducto	Conductor Crimp Area		Insulator Crimp Area		Terminal Tensile	
(AWG#)	Width (W1)	Height(H1)	Height(H1) Width (W2)		2)	Height(H2)	Strength
0.22mm ²	1.35+0.03mm	0.78±0.03mm	0.78±0.03mm 1.55±0.05mm			1.50±0.05mm	40.0N
0.35mm ²	1.55±0.0511111	0.86±0.03mm	1	1.55±0.05mm	I	1.55±0.05mm	50.0N

Remarks

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Type Docu Date Issu Ibject: 2019T	ued:	Crimp Specification 2021/08/10	Revised /Edition Data Revised:		A1 024/07/18 ssued By:
		m Pitch Terminal crimp specif	ïcation		eering Dept.
Date	REV	DESCRIP	ΤΙΟΝ	MODIFY	APPROVAL
2021/08/10	A	Initial Issued		FX	Jack Zhang
2024/07/17	A1	0.35mm ² Change H1 crimping sta	ndard	FX	Jack Zhang