

【1. 適用範囲 SCOPE】

本仕様書は、MUO 2.5mm WIRE TO WIRE CRIMP RCPT TERM.

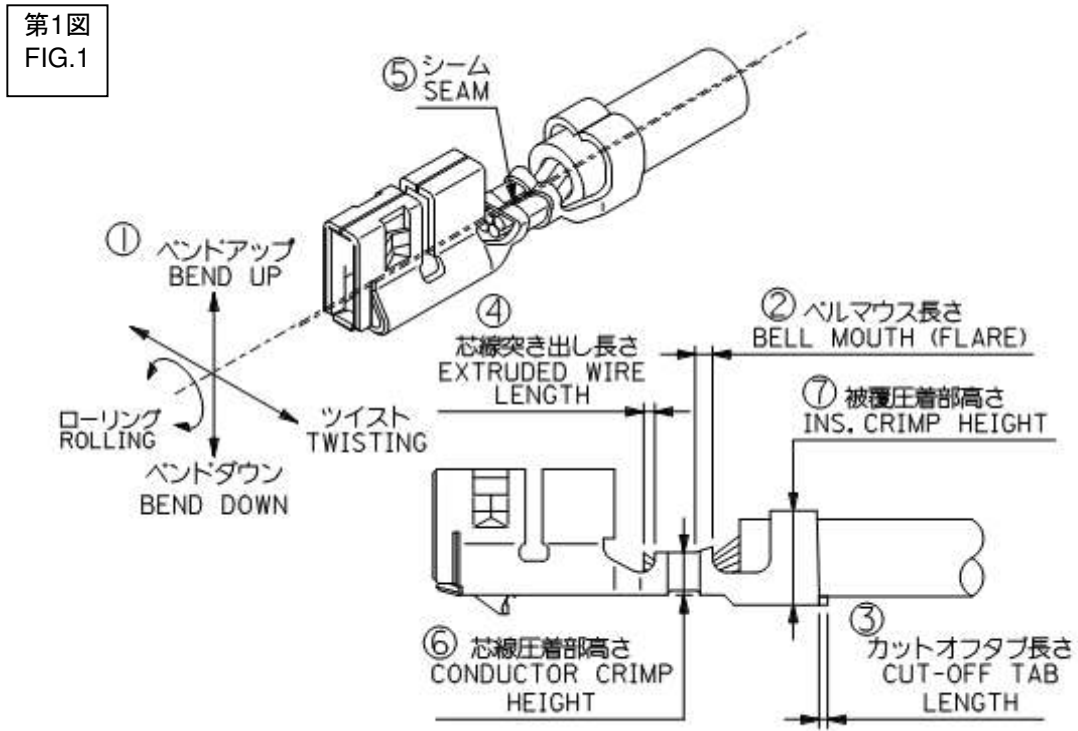
の圧着に伴う諸元について規定する。

This standard specifies the dimensions after crimping of the MUO 2.5 wire to wire crimp rcpt terminal.

【2. 適用端子/電線 APPLICABLE TERMINAL/WIRE】

ターミナル番号 TERMINAL NO.	適用電線サイズ WIRE SIZE	絶縁被覆外径 INSULATION DIA.
5055979*00	SHKV 0.3~0.5 AWG 22~20	φ 1.25~2.0mm

【3. 各部の名称 DEFINITION】



REV.	A	B	B1												
SHEET	1-4	1-4	1-4												
REVISE ON PC ONLY							TITLE:								
B1	変更 REVISED 175645 2018/04/26						MUO 2.5 WIRE TO WIRE CRIMP TERMINAL CRIMP SPECIFICATION								
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REV.	DESCRIPTION														
DESIGN CONTROL J			STATUS		WRITTEN BY: HKOBAYAS HI			CHECKED BY: SAKIYAMA			APPROVED BY: TKANEKO			DATE: 2017/06/27	
DOCUMENT NUMBER 5055970000-CS					DOC. TYPE PS			DOC. PART 000			CUSTOMER GENERAL				SHEET 1 OF 4

【 4. 仕様 SPECIFICATION 】

番号 NUMBER	項目 ITEM	仕様 REQUIREMENT
①	ベンドアップ BEND UP	3° 以下 / MAX.
	ベンドダウン BEND DOWN	3° 以下 / MAX.
	ツイスト TWISTING	3° 以下 / MAX.
	ローリング ROOLING	6° 以下 / MAX.
②	ベルマウス (参考値) BELL MOUTH (REF.)	0.05 ~ 0.4 mm
③	カットオフタブ長さ CUT OFF TAB LENGTH	0 ~ 0.3 mm
④	芯線突き出し長さ EXTRUDED WIRE LENGTH	0.1 ~ 0.7 mm
⑤	シーム SEAM	シームは閉じていること。但し開きのある場合は 芯線の飛び出しなきこと。 SEAM SHALL NOT BE OPENED AND NOT WIRE ALLOWED OUT OF CRIMPING THE AREA.
⑥	芯線圧着部高さ CONDUCTOR CRIMP HEIGHT	第5項参照 REFER TO 5 TH TERM
⑦	被覆圧着部高さ INS. CRIMP HEIGHT	第5項参照 REFER TO 5 TH TERM
≠	絶縁被覆むき長さ (参考値) WIRE STRIP LENGTH (REF)	2.0 ~ 2.4 mm

【 5. 圧着条件 (⑥及び⑦) CONDITIONS 】

電線 (SHKV相当) を圧着した際の要件は下記による。

AFTER CRIMPING THE WIRE (EQUIVALENT TO SHKV), THE CRIMPED AREAS SHOULD BE AS FOLLOWS.

電線サイズ WIRE SIZE (SHKV)	圧着機番号 CRIMP DIE MODEL NO.	⑥芯線圧着部高さ CONDUCTOR CRIMP HEIGHT		⑦被覆圧着部 INSULATION		圧着部引張強度 CRIMP STRENGTH (N {Kgf})
		工具マーク TOOL MARK	高さ HEIGHT	工具マーク TOOL MARK	参考高さ HEIGHT	
0.5	5781553410	注1 Note1	0.79 ~0.84mm	注2 Note2	2.15~2.25 mm	58.8 {6.0}以上 / MIN.
0.3		注1 Note1	0.67 ~0.72mm	注2 Note2	2.05~2.15 mm	39.2 {4.0}以上 / MIN.

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molex CRIMP SPECIFICATION

LANGUAGE

JAPANESE
ENGLISH

電線（UL1007相当）を圧着した際の要件は下記による。

AFTER CRIMPING THE WIRE (EQUIVALENT TO SHKV), THE CRIMPED AREAS SHOULD BE AS FOLLOWS.

電線サイズ WIRE SIZE (SHKV)	圧着機番号 CRIMP DIE MODEL NO.	⑥芯線圧着部高さ CONDUCTOR CRIMP HEIGHT		⑦被覆圧着部 INSULATION		圧着部引張強度 CRIMP STRENGTH (N {Kgf})
		工具マーク TOOL MARK	高さ HEIGHT	工具マーク TOOL MARK	参考高さ HEIGHT	
AWG#20	5781553410	注1 Note1	0.79 ~0.84mm	注2 Note2	2.13~2.23 mm	58.8 {6.0}以上 / MIN.
AWG#22		注1 Note1	0.69 ~0.74mm	注2 Note2	2.05~2.15 mm	39.2 {4.0}以上 / MIN.

電線（UL1061相当）を圧着した際の要件は下記による。

AFTER CRIMPING THE WIRE (EQUIVALENT TO SHKV), THE CRIMPED AREAS SHOULD BE AS FOLLOWS.

電線サイズ WIRE SIZE (SHKV)	圧着機番号 CRIMP DIE MODEL NO.	⑥芯線圧着部高さ CONDUCTOR CRIMP HEIGHT		⑦被覆圧着部 INSULATION		圧着部引張強度 CRIMP STRENGTH (N {Kgf})
		工具マーク TOOL MARK	高さ HEIGHT	工具マーク TOOL MARK	参考高さ HEIGHT	
AWG#20	5781553410	注1 Note1	0.79 ~0.84mm	注2 Note2	2.10~2.20 mm	58.8 {6.0}以上 / MIN.
AWG#22		注1 Note1	0.69 ~0.74mm	注2 Note2	1.95~2.05 mm	39.2 {4.0}以上 / MIN.

注1：圧着機本体で調整して下さい。

Note1 : This crimp height should be determined by adjustment of the ram position on crimping machine.

注2：被覆圧着高さは調整ダイヤルの参考高さに合わせ設定して下さい。

Note2 : This Insulation crimp height should be set according to the reference height of the adjustment dial.

【6. 注記 NOTES】

被覆圧着部にピアッシング(ケーブルの絶縁体に被覆バレルが突き刺さる)が生じることがありますが、製品性能には問題ございません。

The terminal may pierce through the wire insulation. In this condition, the product is functional and is not a reliability concern.

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EN-127(2015-12)					

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A	REVISED	2017/06/27	117526	H.KOBAYASHI	S.AKIYAMA
B	REVISED	2017/07/06	118994	H.KOBAYASHI	S.AKIYAMA
B1	REVISED	2018/04/26	175645	H.KOBAYASHI	S.AKIYAMA

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