

【1. 適用範圍 SCOPE】

本仕様書は、 殿 に納入する

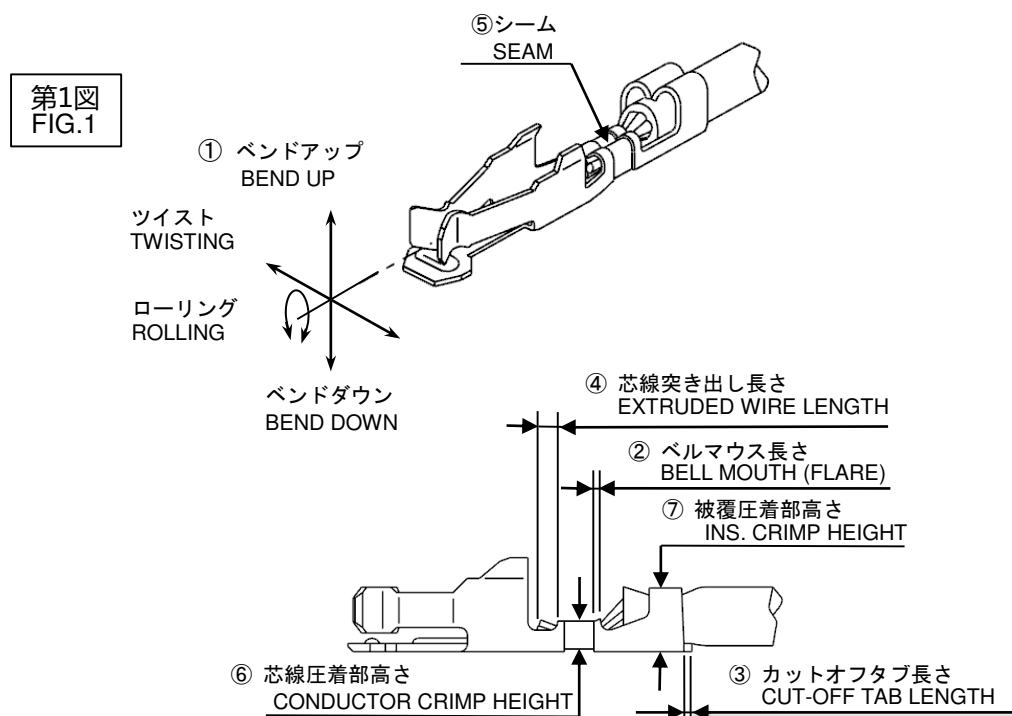
2.0mm PITCH GRID WIRE TO BOARD CONN. CRIMP TERM の圧着に伴う諸元について規定する。

THIS STANDARD SPECIFIES THE DIMENSIONS AFTER CRIMPING OF THE 2.0mm PITCH GRID WIRE TO BOARD CONNECTOR TERMINAL.

【2. 適用端子／電線 APPLICABLE TERMINAL／WIRE】

端 子 型 番 Part Number	適用電線 WIRE SIZE		絶縁被覆外径 INSULATION DIAMETER
	AWG	mm ²	
5 0 3 9 4 - 8 * * * 撚り線 (STRAND WIRE)	# 2 4 ~ # 3 0	0.049~0.22	φ 0.8 - φ 1.4 mm

【3. 各部の名称 DEFINITION】



REV.	A					
SHEET	1-4					
REVISE ON PC ONLY		TITLE:				
A	新規作成 RELEASED 177772 06/06/2018 GSHARMA		2.0mm GRID WIRE TO BOARD CONN. CRIMP TERMINAL 圧着仕様書			
			THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
REV.	DESCRIPTION					
DESIGN CONTROL J		STATUS	WRITTEN BY: M.YAGI	CHECKED BY: Y.ITO	APPROVED BY: H.IKESUGI	DATE: 1993/06/09
DOCUMENT NUMBER CS-50394			DOC. TYPE PSD	DOC. PART 001	CUSTOMER GENERAL MARKET	SHEET 1 OF 4
EN-127(2015-12						

番号 NUMBER	項目 ITEM	仕様 REQUIREMENT
①	ベンドアップ BEND UP	4°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 ROLLING	4°以下 / MAX.
②	ベルマウス（参考値） BELL MOUTH (REF.)	0.05～0.35mm
③	カットオフタブ長さ CUT OFF TAB LENGTH	0～0.15mm以下 / MAX.
④	芯線突き出し長さ EXTRUDED WIRE LENGTH	0～0.5mm
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.
≠	絶縁被覆むき長さ（参考値） WIRE STRIP LENGTH (REF.)	1.3～1.8mm

ターミナル 番号 TERMINAL NO.	電線サイズ WIRE SIZE (AWG)	圧着 ツール番号 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 {Kg})
			工具 マーク TOOL MARK	高さ HEIGHT (mm)	工具 マーク TOOL MARK	参考高さ HEIGHT (REF.) (mm)	
5 0 3 9 4 — 8 * * *	# 2 4 (*1)	5 7 3 1 5 — 3 0 0 0	C	0.60 ~0.65	6	1.35	29.4{3.0}以上 / MIN.
	# 2 6		C	0.59 ~0.64	6	1.35	19.6{2.0}以上 / MIN.
	# 2 8		B	0.56 ~0.61	6	1.30	9.8{1.0}以上 / MIN.
	# 3 0		A	0.53 ~0.58	5	1.30	4.9{0.5}以上 / MIN.

REVISE ON PC ONLY		TITLE: 1.25 W/B CONN. RECEPTACLE CRIMP TERMINAL 圧着仕様書
A	SEE SHEET 1 OF 4	
REV.	DESCRIPTION	THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

EN-127(2015-12)

【6. 消耗部品一覧表 PERISHABLE PARTS LIST】

部品名称 PART NAME	部品番号 PART NO.
アンビル ANVIL	57175-2101
芯線クリンプパンチ COND. PUNCH	57175-2102
被覆クリンプパンチ INS. PUNCH	57175-2103
フロントフローティングシェア FRONT FLOATING SHEAR	57067-2006
フロントホルダー FRONT HOLDER	57067-2005

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A

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TITLE:

1.25 W/B CONN.
RECEPTACLE CRIMP TERMINAL

圧着仕様書

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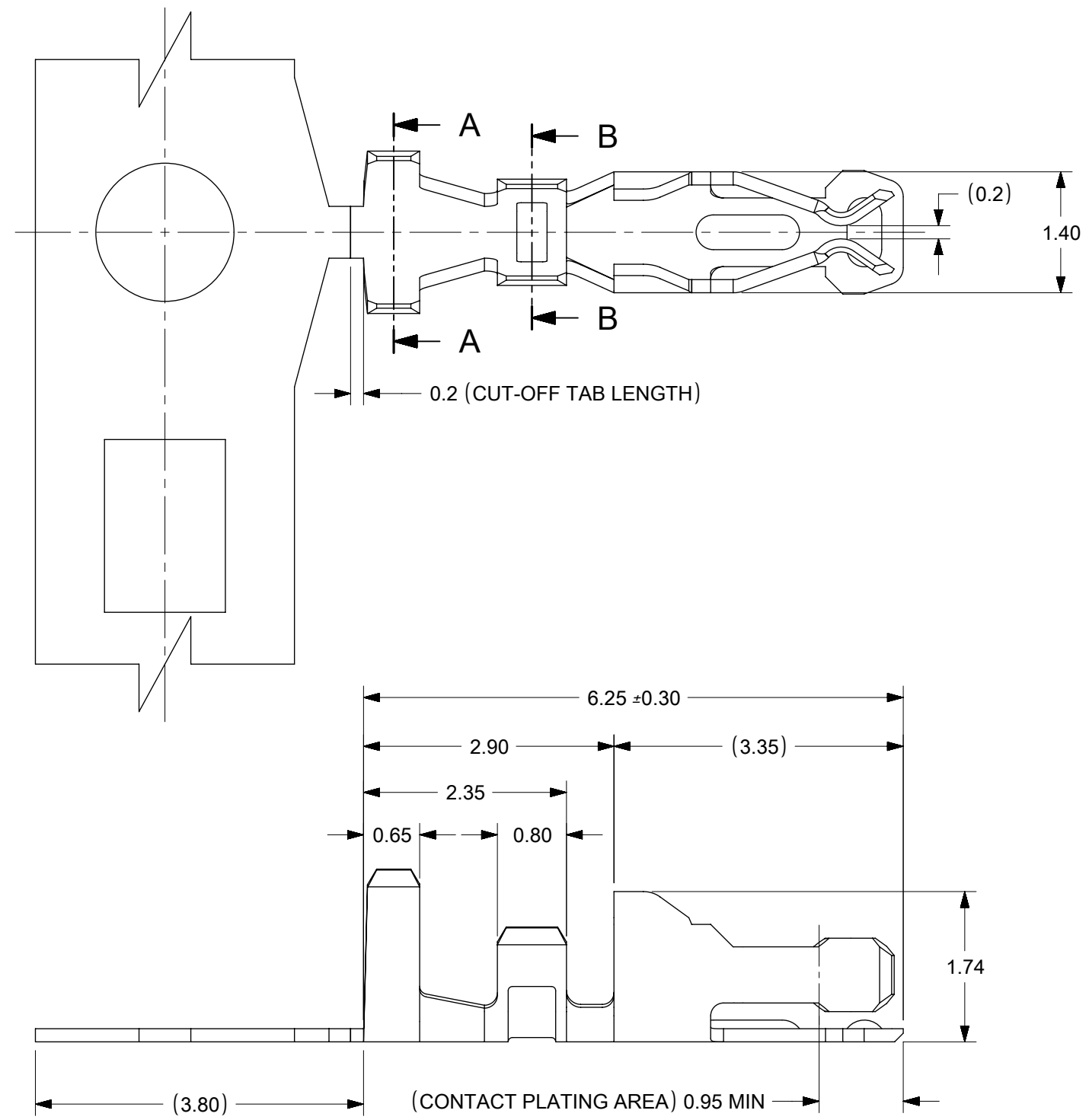
REV.

DESCRIPTION

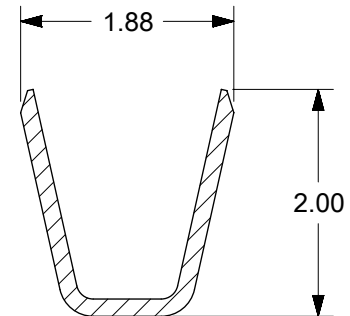
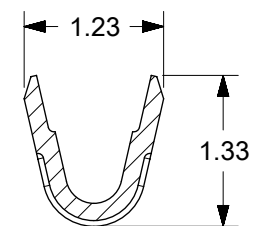
DOCUMENT NUMBER
CS-50394DOC. TYPE
PSDDOC. PART
001CUSTOMER
GENERAL MARKETSHEET
3 OF 4

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	REVISE ON PC ONLY		TITLE: 1.25 W/B CONN. RECEPTACLE CRIMP TERMINAL 圧着仕様書			
	A	SEE SHEET 1 OF 4				
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DOCUMENT NUMBER CS-50394			DOC. TYPE PSD	DOC. PART 001	CUSTOMER GENERAL MARKET	SHEET 4 OF 4
EN-127(2015-12)						

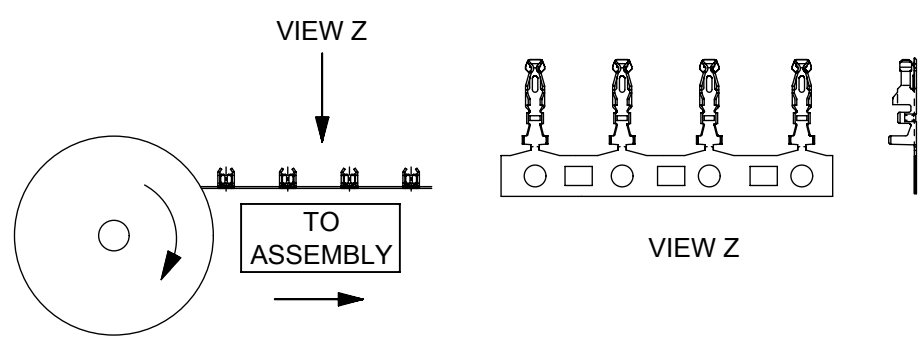


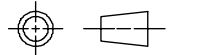
ENG. P/NS		CONTACT PLATING (NICKEL OVERALL 2-6 µm MIN)
FORM : LOOSE	FORM : CHAIN	
50394-8100	50394-8051	0.38µm GOLD MIN.
50394-8200	50394-8052	0.76µm GOLD MIN.
50394-8400	50394-8054	GOLD FLASH 0.05 - 0.125µm
50394-8500	50394-8055	2.50µm MATTE TIN MIN.



- NOTES :
1. MATERIAL: COPPER ALLOY
 2. APPLICABLE HOUSING : 51110-***1
: 51110-**5*
: 151100-00**
 3. APPLICABLE WIRE: AWG #24-#30
WIRE INSULATION OD: 1.40mm MAX.
 4. CRIMPING SPECIFICATION: CS-50394

WINDING DIRECTION



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
QUALITY SYMBOLS		RE-MASTERED IN ECTR 2016/08/17 2017/05/08 2017/05/19 EC NO: 116436 DRWN: MUM CHK'D: GMENARLY APPR: KHLIM				GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex®						
A = 0								MM		INCH		MM					NTS		
E = 0						4 PLACES		±		±		DRWN BY		DATE		SALES DRAWING 2.0MM GRID W TO B CONN. CRIMP TERMINAL			
D = 0						3 PLACES		±		±		CHK'D BY		DATE					
▽ = 0						2 PLACES		± 0.2		±		EDPOH		1994/04/27					
▽ = 0		1 PLACES		±		±		APPR BY		DATE		PRODUCT CUSTOMER DRAWING							
▽ = 0		0 PLACES		±		±		LBLEE		2013/11/13									
□ = 0						ANGULAR TOL ± 3.0			DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES	MATERIAL NUMBER		CUSTOMER			
■ = 0									A3				50394	SEE TABLE		GENERAL MARKET			
▽ = 0		C				REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER		
													SD-50394-8XXX		PSD	000	1 OF 1		