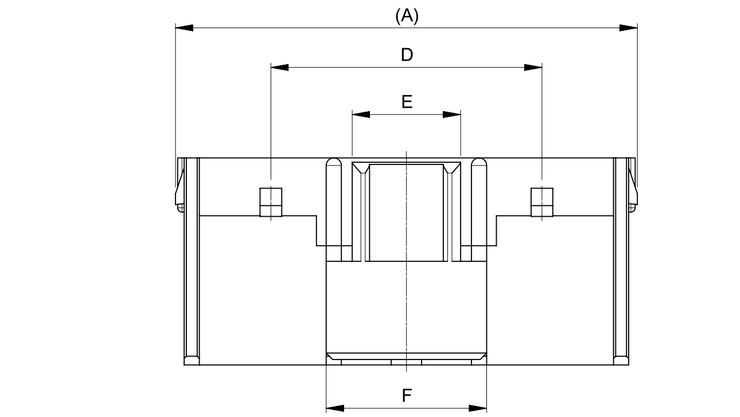
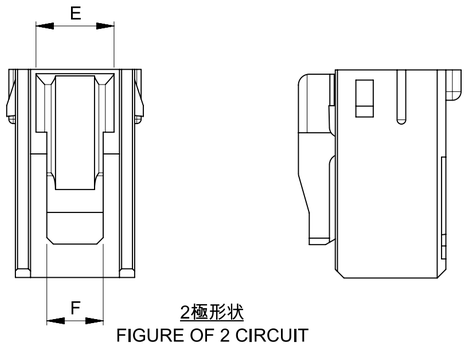
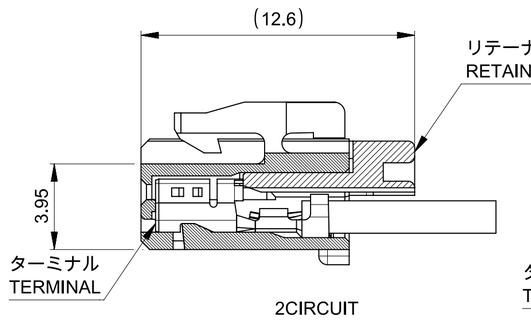


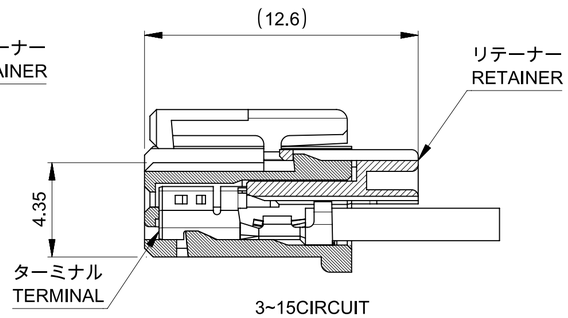
2極 ロック形状
2CIRCUIT LOCK FORM



2極形状
FIGURE OF 2 CIRCUIT

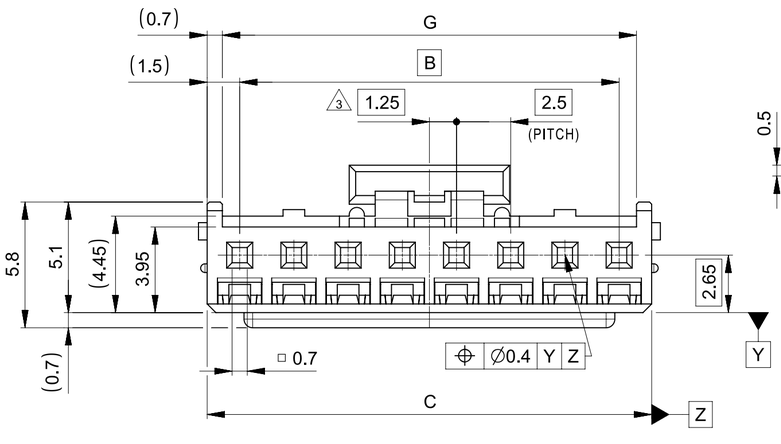


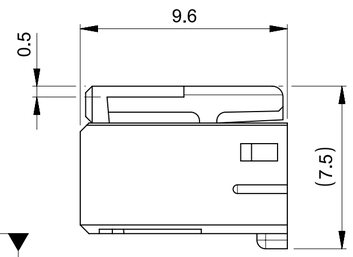
2CIRCUIT

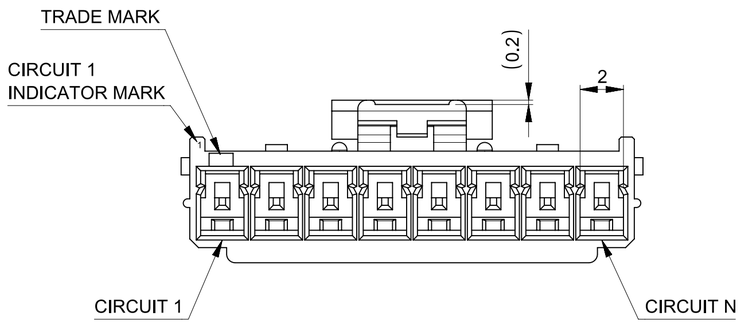


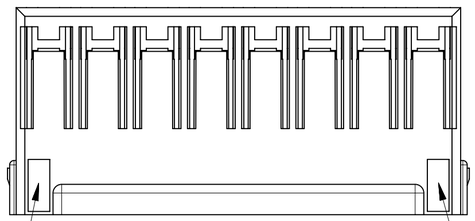
3~15CIRCUIT

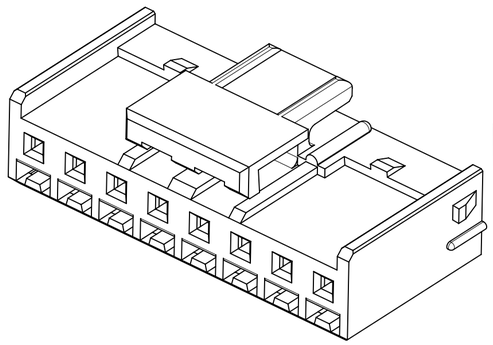
ターミナル及びリテーナー装着状態図
TERMINAL AND RETAINER ASSEMBLY DRAWING



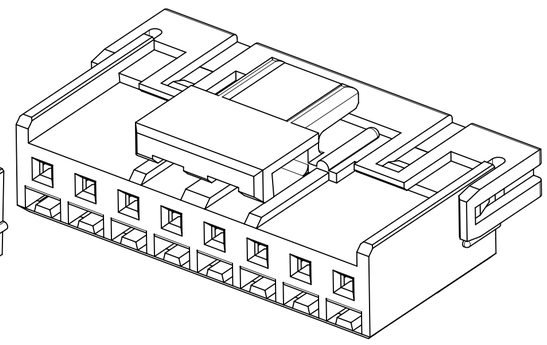








リテーナー未装着状態図
ASSEMBLY DRAWING



リテーナー装着状態図
RETAINER ASSEMBLY DRAWING

G	F	E	D	C	B	(A)	発注番号 ORDER No.	極数 CIRCUIT SIZE
36.6	7.4	5	12.5	38	35	38.8	5116315**	15
34.1	7.4	5	12.5	35.5	32.5	36.3	5116314**	14
31.6	7.4	5	12.5	33	30	33.8	5116313**	13
29.1	7.4	5	12.5	30.5	27.5	31.3	5116312**	12
26.6	7.4	5	12.5	28	25	28.8	5116311**	11
24.1	7.4	5	12.5	25.5	22.5	26.3	5116310**	10
21.6	7.4	5	12.5	23	20	23.8	5116309**	9
19.1	7.4	5	12.5	20.5	17.5	21.3	5116308**	8
16.6	7.4	5	-	18	15	18.8	5116307**	7
14.1	7.4	5	-	15.5	12.5	16.3	5116306**	6
11.6	7.4	5	-	13	10	13.8	5116305**	5
9.1	7.4	5	-	10.5	7.5	11.3	5116304**	4
6.6	5	3	-	8	5	8.8	5116303**	3
4.1	2.6	3.6	-	5.5	2.5	6.3	5116302**	2

NOTE
1. 材料：TABLE1参照
   MATERIAL:SEE TABLE1
2. 適合ハウジング,嵌合相手,関連ドキュメントについてはSHEET 2 を御参照ください。
   PLEASE REFER TO SHEET 2 FOR APPLICABLE HOUSING, MATING PARTNER AND RELATED DOCUMENTS.
3. 偶数極に適用
   APPLY FOR EVEN CIRCUIT.
4. 本製品のプラスチック部に黒点等が確認される場合や、色合いが異なる場合が御座いますが、製品性能に影響は御座いません
   THERE IS NO INFLUENCE IN THE PRODUCT PERFORMANCE IN CASE THAT THE BLACK SPOT OR BUBBLE ETC. MIGHT BE APPEARED ON THE PLASTIC PART OF THIS PRODUCT AND THE COLOR SHADE MIGHT BE DIFFERENT.
5. GLOW WIRE TEST適合品
   SEE SHEET 2

1. TABLE1

部品 PART		材質 MATERIAL
ハウジング HOUSING	51163**00	ポリエステル(PBT):ガラス非含有,UL94V-0,色:ナチュラル(白) POLYESTER(PBT):GLASS UNFILLED,UL94V-0,COLOR:NATURAL(WHITE)
	51163**40 51163**41	ポリアミド(PA): ガラス非含有, UL94V-0, 色: SHEET 2 参照 POLYAMIDE(PA): GLASS UNFILLED, UL94V-0, COLOR: SEE SHEET 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3'
4 PLACES	± 0.20000
3 PLACES	± 0.2000
2 PLACES	± 0.200
1 PLACE	± 0.20
0 PLACES	± 0.20

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: Update the document to include the new part number

STATUS: Production

DRWN:	Jong Deok Park	2026-06-18
CHK'D:	Teruki Nagase	2026-08-17
APPR:	Shigeru Akiyama	2026-08-17

THIRD ANGLE PROJECTION

molex

MINI-LOCK 2.5
SINGLE ROW RECEPTACLE HOUSING WITH RETAINER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
511630000-SD	PSD	000	D

DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
A2-SIZE	51163	SEE SHEET2	GENERAL	1 OF 2

△2 適合製品及び各種仕様書
APPLICABLE PRODUCT AND VARIOUS SPECIFICATIONS

WIRE TO BOARD

梱包仕様書 PACKAGING SPECIFICATION	PART NUMBER	SPECIFICATION NUMBER
	51163****	511639200-SPK 200

適合端子 APPLICABLE TERMINAL	TYPE	PART NUMBER	PLATING TYPE	WIRE SIZE(AWG)
	STANDARD	507528200	TIN	#20-#22
		507528400	TIN	#24-#26

適合リテーナー APPLICABLE RETAINER / シリーズ番号 SERIES No.	51164				
適合嵌合相手 MATE WITH	THROUGH HOLE			SURFACE MOUNT	
	VERTICAL	VERTICAL (FOR POTTING)	RIGHT ANGLE	VERTICAL	RIGHT ANGLE
	TIN PLATING		TIN PLATING	TIN PLATING	TIN PLATING
	53375 53476	53517	53426	215931	215932
製品仕様書 PRODUCT SPECIFICATION	511630000-PS 000				
取扱説明書 APPLICATION SPECIFICATION	2166940000-AS 000				

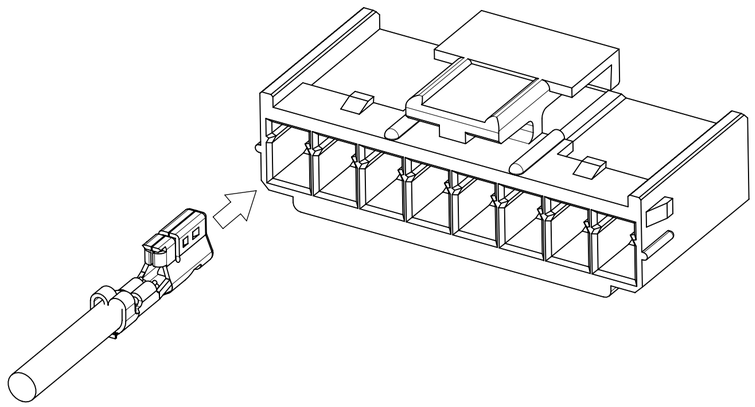
WIRE TO WIRE

梱包仕様書 PACKAGING SPECIFICATION	PART NUMBER	SPECIFICATION NUMBER
	51163****	511639200-SPK 200

適合端子 APPLICABLE TERMINAL	TYPE	PART NUMBER	PLATING TYPE	WIRE SIZE(AWG)
	LOW MATING FORCE	2277968200	TIN	#20-#22
		2277968400	TIN	#24-#26

適合リテーナー APPLICABLE RETAINER / シリーズ番号 SERIES No.	51164
適合嵌合相手 MATE WITH	WIRE TO WIRE
	TIN PLATING
	227798
製品仕様書 PRODUCT SPECIFICATION	511630002-PS 000
取扱説明書 APPLICATION SPECIFICATION	2166940000-AS 000

製品嵌合図は各"適合嵌合相手"図面参照のこと
MATING VIEW : REFER TO EACH "MATE WITH" PART DRAWING.



圧着ケーブル挿入方向
HARNESS ASSY INSERTION DIRECTION

黒 BLACK	ナチュラル(ベージュ) NATURAL(BEIGE)	ナチュラル(白) NATURAL(WHITE)	ハウジング色 HOUSING COLOR
PA GF0, UL94 V-0 PFAS-FREE	PA GF0, UL94 V-0 PFAS-FREE	PBT GF0, UL94 V-0	樹脂種 RESIN TYPE
COMPLIANT	COMPLIANT	COMPLIANT	△5 GLOW WIRE
511631541	511631540	511631500	15
511631441	511631440	511631400	14
511631341	511631340	511631300	13
511631241	511631240	511631200	12
511631141	511631140	511631100	11
511631041	511631040	511631000	10
511630941	511630940	511630900	9
511630841	511630840	511630800	8
511630741	511630740	511630700	7
511630641	511630640	511630600	6
511630541	511630540	511630500	5
511630441	511630440	511630400	4
511630341	511630340	511630300	3
511630241	511630240	511630200	2
発注番号 ORDER NUMBER			極数 CIRCUIT SIZE
梱包形態：ポリ袋 PACKAGING : POLYBAG PACKAGE			

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mm	NTS

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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: Update the document to include the new part number

STATUS: Production
DRWN: Jong Deok Park 2026-06-18
CHK'D: Teruki Nagase 2026-08-17
APPR: Shigeru Akiyama 2026-08-17

THIRD ANGLE PROJECTION | DRAWING: A2-SIZE | SERIES: 51163

molex

MINI-LOCK 2.5
SINGLE ROW RECEPTACLE HOUSING WITH RETAINER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
511630000-SD	PSD	000	D

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET2	GENERAL	2 OF 2

FORMAT: SD-60000-A2
REVISION: H
DATE: 2025-08-08