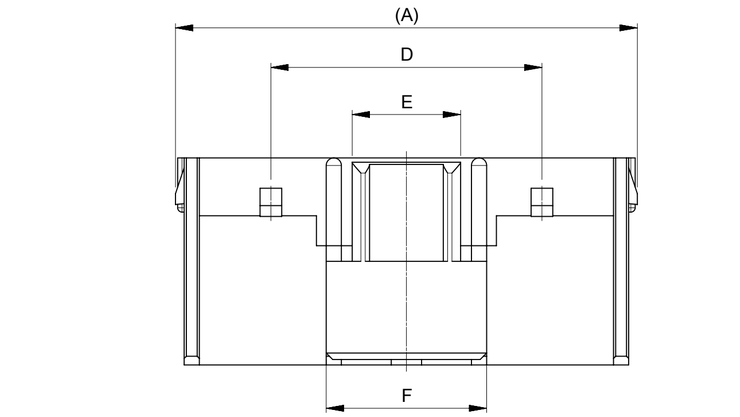
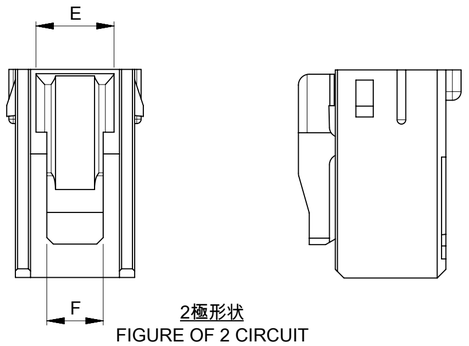
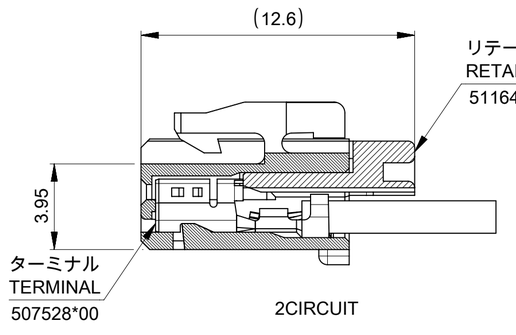
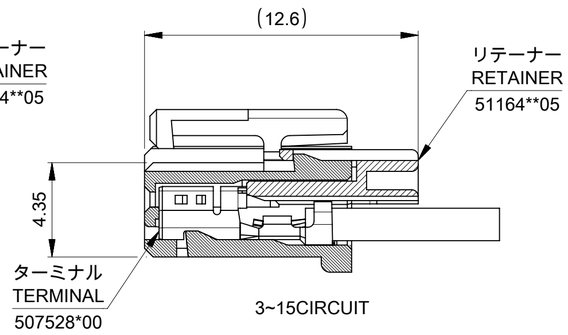


2極 ロック形状
2CIRCUIT LOCK FORM

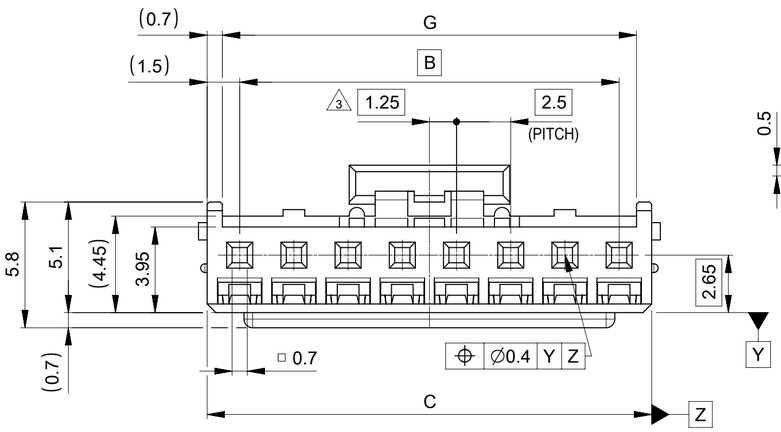


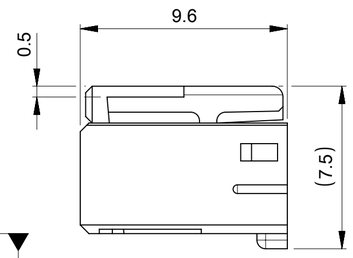
2極形状
FIGURE OF 2 CIRCUIT

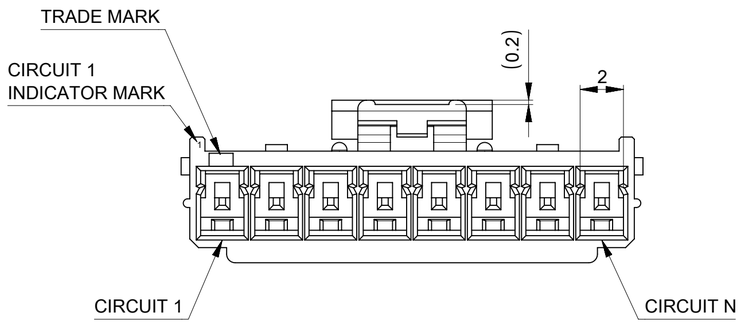


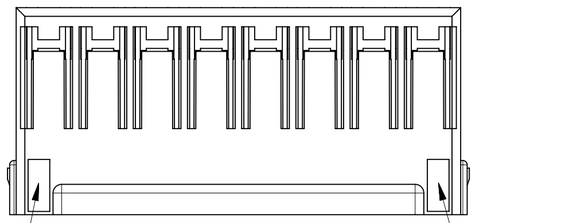


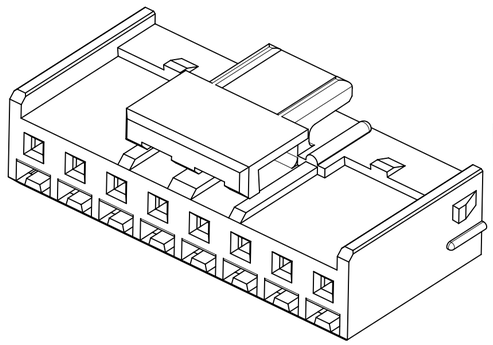
ターミナル及びリテーナー装着状態図
TERMINAL AND RETAINER ASSEMBLY DRAWING



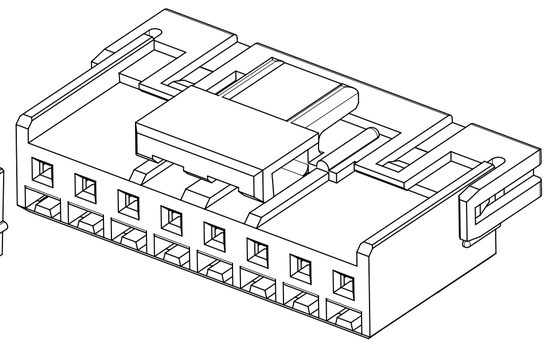








リテーナー未装着状態図
ASSEMBLY DRAWING



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
   THIS PRODUCT IS GLOW WIRE TEST COMPATIBLE.

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**41	ポリアミド(PA):ガラス非含有,UL94V-0,色:黒 POLYAMIDE(PA):GLASS UNFILLED,UL94V-0,COLOR:BLACK

DOCUMENT STATUS	P1	RELEASE DATE	2023/05/15 02:57:18

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	± 3.0 °
4 PLACES	± 0.2
3 PLACES	± 0.2
2 PLACES	± 0.2
1 PLACE	± 0.2
0 PLACES	± 0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 652870
DRWN: MIKEDA01 2023/03/27
CHK'D: SAKIYAMA 2023/05/11
APPR: AIDA 2023/05/15

INITIAL REVISION:
DRWN: RWATANABE01 2019/04/22
APPR: SAKIYAMA 2020/09/28

molex

MINI-LOCK 2.5
SINGLE ROW RECEPTACLE HOUSING WITH RETAINER

PRODUCT CUSTOMER DRAWING

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A2-SIZE	51163		GENERAL	1 OF 2

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

FORMAT: Molex_Drawing_Template-A2
REVISION: A
DATE: 2021/06/17

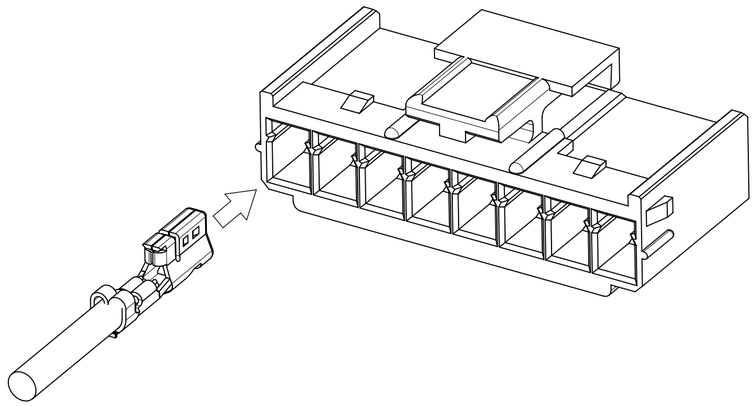
△2 適合製品及び各種仕様書
APPLICABLE PRODUCT AND VARIOUS SPECIFICATIONS

	PART NUMBER	SPECIFICATION NUMBER
梱包仕様書 PACKAGING SPECIFICATION	51163**0*	511639200-SPK 200

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

適合リテーナー APPLICABLE RETAINER	51164				
シリーズ番号 SERIES No.					
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 PS 000				
取扱説明書 APPLICATION SPECIFICATION	2166940000-AS PS 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(白) NATURAL(WHITE)	ハウジング色 HOUSING COLOR
PA GF0, UL94 V-0	PBT GF0, UL94 V-0	樹脂種 RESIN TYPE
511631541	511631500	15
511631441	511631400	14
511631341	511631300	13
511631241	511631200	12
511631141	511631100	11
511631041	511631000	10
511630941	511630900	9
511630841	511630800	8
511630741	511630700	7
511630641	511630600	6
511630541	511630500	5
511630441	511630400	4
511630341	511630300	3
511630241	511630200	2
発注番号 ORDER NO.		極数 CIRCUIT SIZE

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	±	3.0 °
4 PLACES	±	0.2
3 PLACES	±	0.2
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 652870
DRWN: MIKEDA01 2023/03/27
CHK'D: SAKIYAMA 2023/05/11
APPR: AIDA 2023/05/15

INITIAL REVISION:
DRWN: RWATANABE01 2019/04/22
APPR: SAKIYAMA 2020/09/28

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

molex

MINI-LOCK 2.5
SINGLE ROW RECEPTACLE HOUSING WITH RETAINER

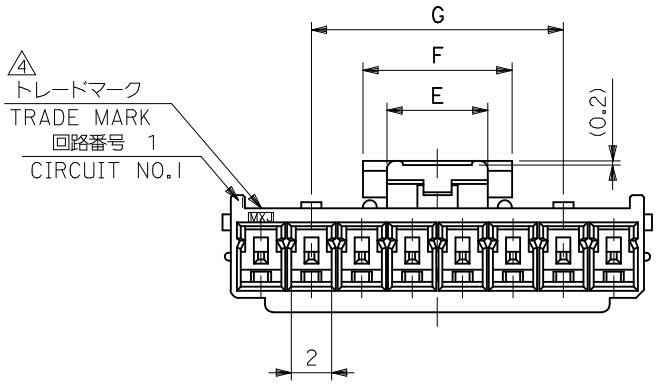
PRODUCT CUSTOMER DRAWING

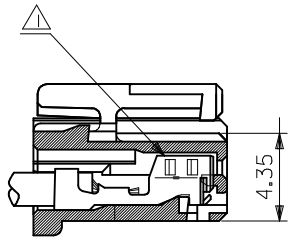
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
511630000-SD	PSD	000	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL	2 OF 2

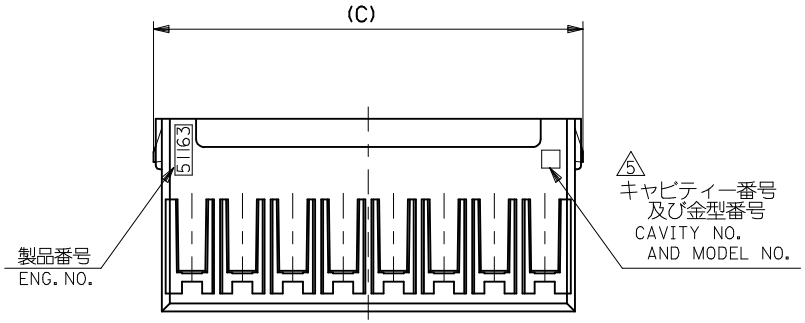
DOCUMENT STATUS	P1	RELEASE DATE	2023/05/15 02:57:18

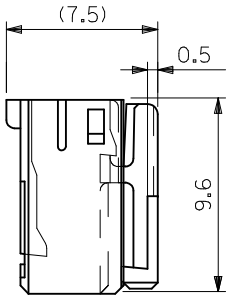
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REVISION: J1
DATE: 2021/05/01

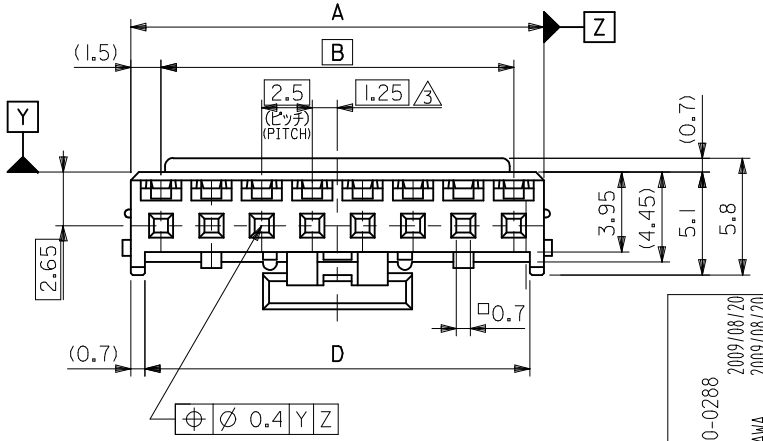




ターミナル装着状態図
TERMINAL ASSEMBLY DRAWING







G	F	E	D	(C)	B	A	MATERIAL AND ORDER No. 6	CIRCUIT No.
12.5	7.4	5	36.6	38.8	35	38	51163-158*	15
			34.1	36.3	32.5	35.5	-148*	14
			31.6	33.8	30	33	-138*	13
			29.1	31.3	27.5	30.5	-128*	12
			26.6	28.8	25	28	-118*	11
			24.1	26.3	22.5	25.5	-108*	10
			21.6	23.8	20	23	-098*	9
12.5			19.1	21.3	17.5	20.5	-088*	8
			16.6	18.8	15	18	-078*	7
			14.1	16.3	12.5	15.5	-068*	6
			11.6	13.8	10	13	-058*	5
	7.4	5	9.1	11.3	7.5	10.5	-048*	4
	5	3	6.6	8.8	5	8	51163-038*	3

REVISED
EC NO: J2010-0288 2009/08/20
DRWN:YGOTO 2009/08/20
CH'KD:KASAKAWA 2009/08/24
APPR:NUKITA
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: K.HARADA DATE: 1997/10/2
CHECKED BY: T.ITO DATE: 1997/11/12
APPROVED BY: M.FUKUSHIMA DATE: 1997/11/12
MATERIAL NO.: ENTER PART

TITLE: 2.5 W/B CONN HSG (POSITIVE LOCK)

MOLEX INCORPORATED

DOCUMENT NO.: SD-51163-**00
SHEET NO.: 1 OF 2

SIZE A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

注記　NOTES

1. 適合ターミナル：50351-8*00
   APPLICABLE TERMINAL ：50351-8*00
2. 嵌合相手：53375,53426 シリーズ
   MATE WITH ：53375,53426 SERIES
3. 偶数極の製品に適用。
   APPLY EVEN CIRCUIT PRODUCTS.
4. トレードマーク：Mプラス １ ～ ２ 文字のアルファベットにて構成．（例　ＭＸＪ）
   但し〝Ｊ〟はＪＡＰＡＮを示す。
   FORMED BY M AND 1 ~ 2 MORE LETTER OF ALPHABET (e.g. MXJ)
   (TO TRADE MARK), BUT "J" SHOW JAPAN.
5. キャビティー番号：１桁～２桁の数字
   金型番号：アルファベット１文字にて構成。（例。１Ａ，１０Ｂ）
   FORMED BY 1 DIGIT TO 2 DIGIT NUMBERS (TO CAVITY NO.) AND BY 1 LETTER OF ALPHABET (TO MOLD NO.).
   (e.g. 1A, 10B)
6. MATERIAL AND ORDER No.

   51163-**00
   極数
   CIRCUIT SIZE

7. 材料：PBT, UL 94V-0
8. 色：白 WHITE (NATURAL)

PRE-RELEASE REFERENCE USE ONLY

REVISED 2009/08/20
EC NO:
DRWN:YGOTO
CH'KD:KASAKAWA
APPR:
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR ±3 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: 4:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: K.HARADA DATE: 1997/10/2	TITLE: 2.5 W/B CONN HSG (POSITIVE LOCK)		
CHECKED BY: T.ITO DATE: 1997/11/12			
APPROVED BY: M.FUKUSHIMA DATE: 1997/11/12	molex MOLEX INCORPORATED		
MATERIAL NO.: ENTER PART	DOCUMENT NO.: SD-51163-**00	SHEET NO.: 2 OF 2	
SIZE: A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		