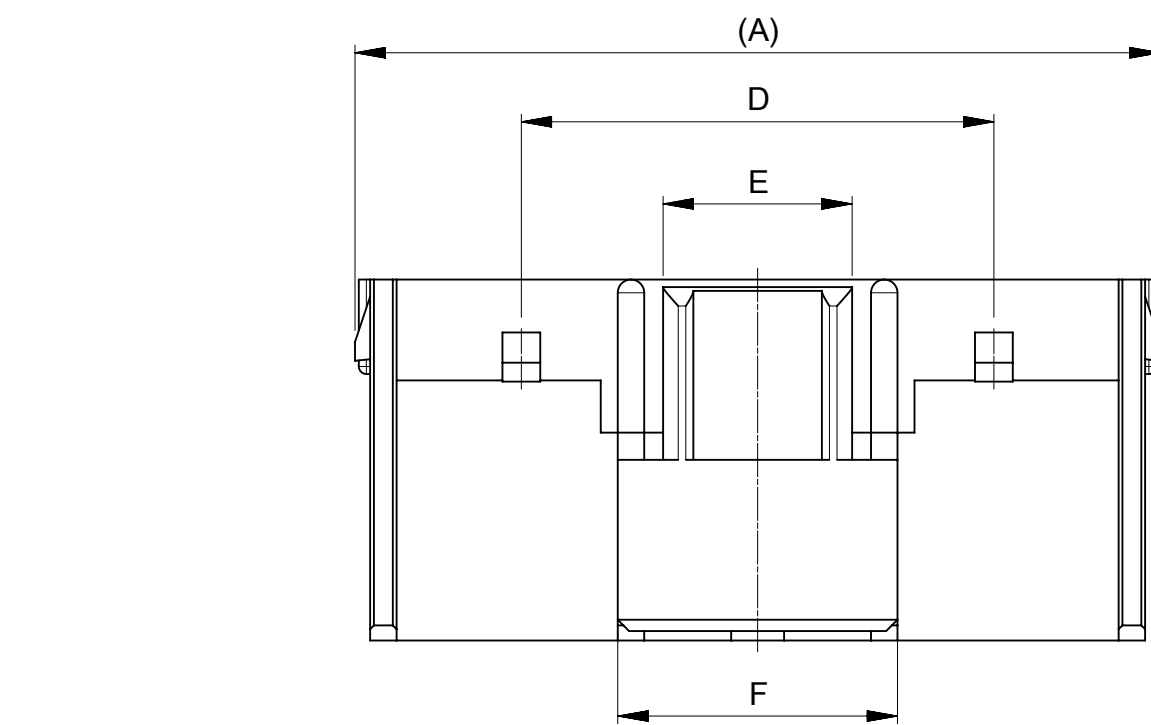
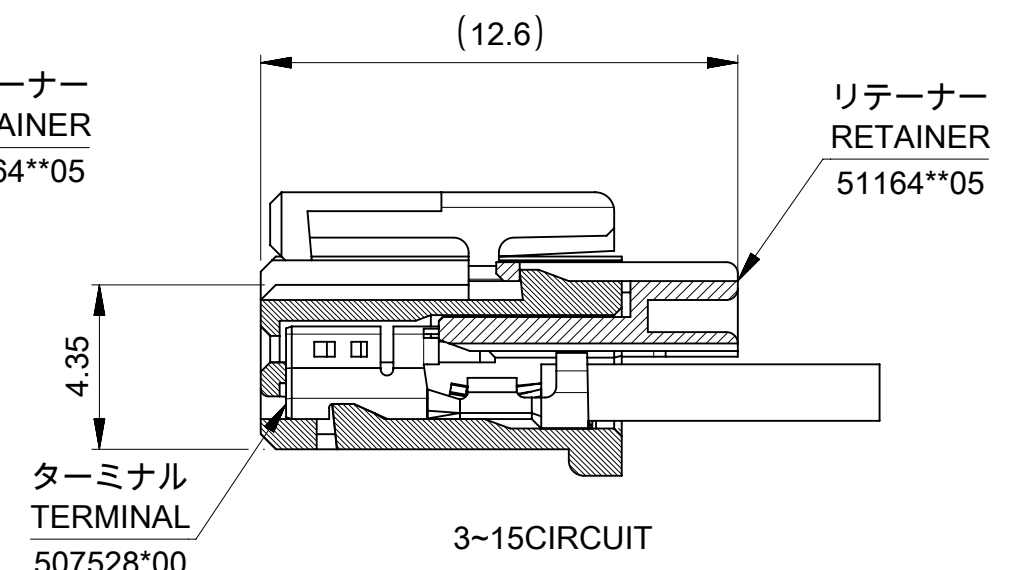
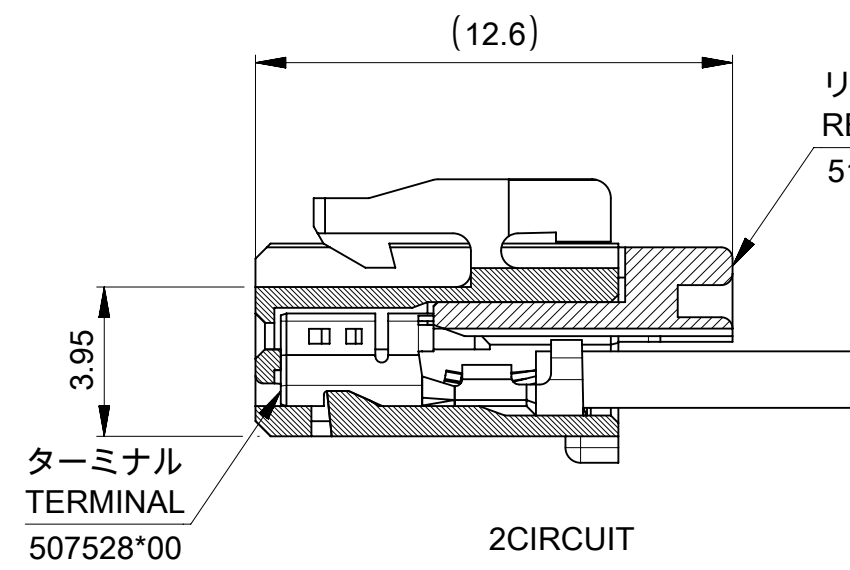
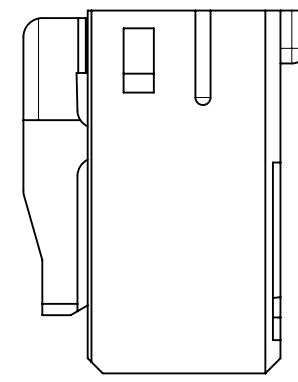
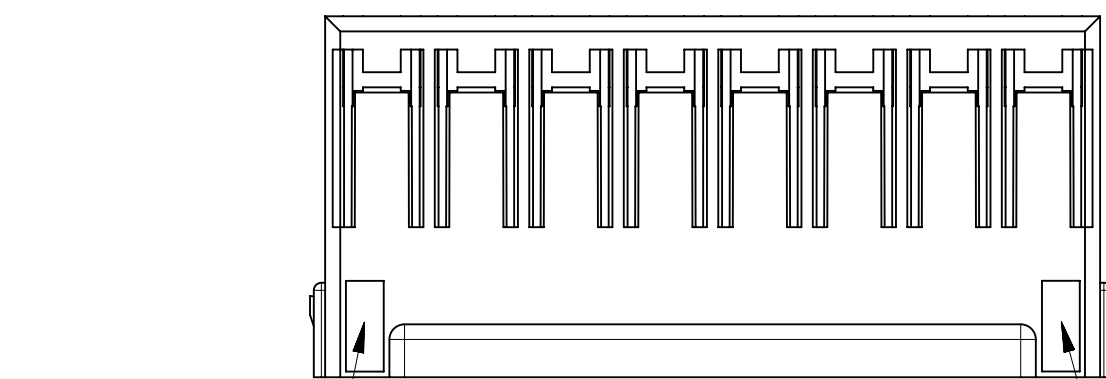
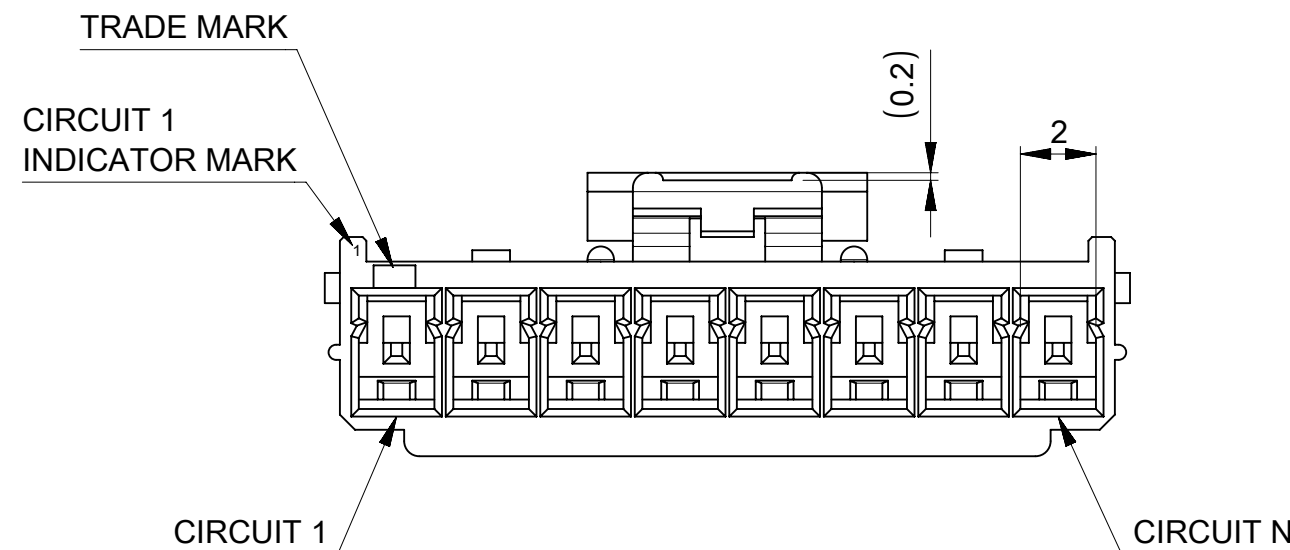
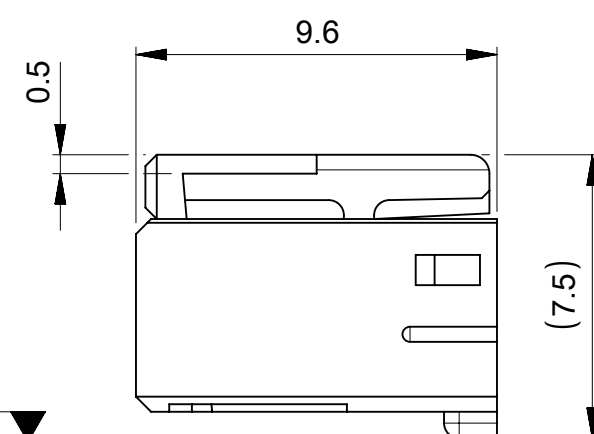
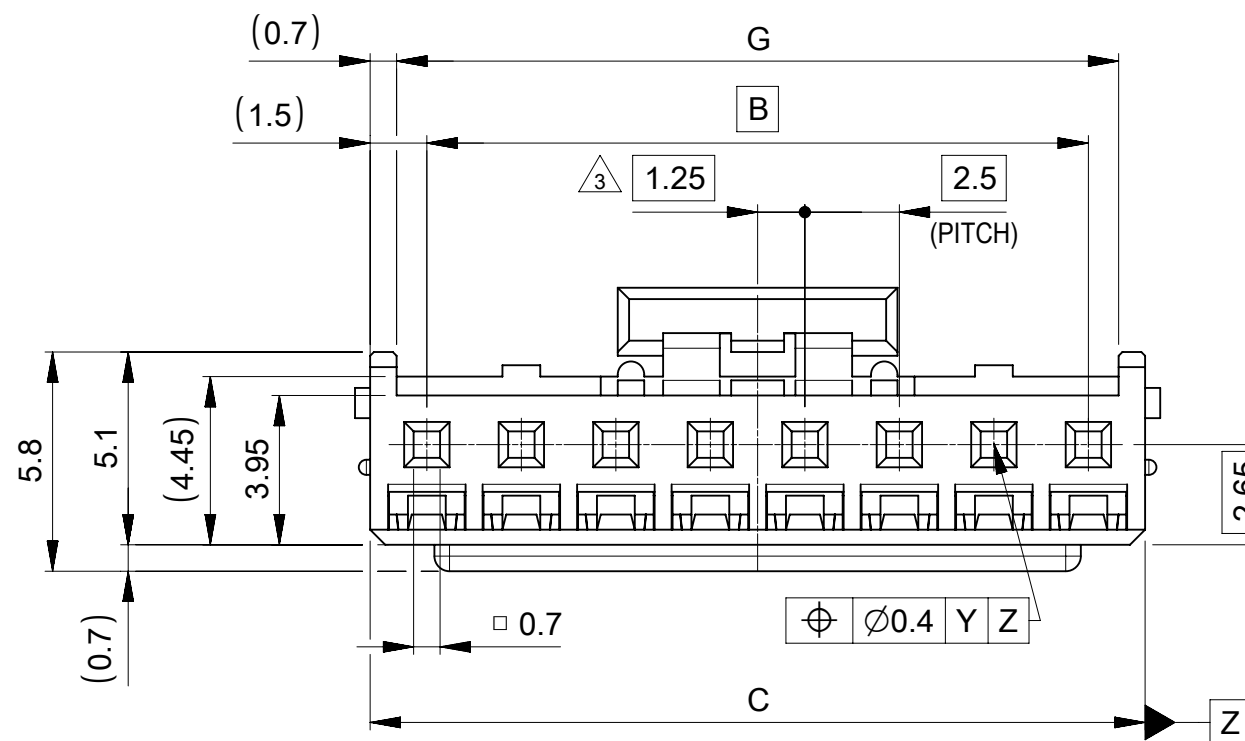


2極形狀
FIGURE OF 2 CIRCUIT

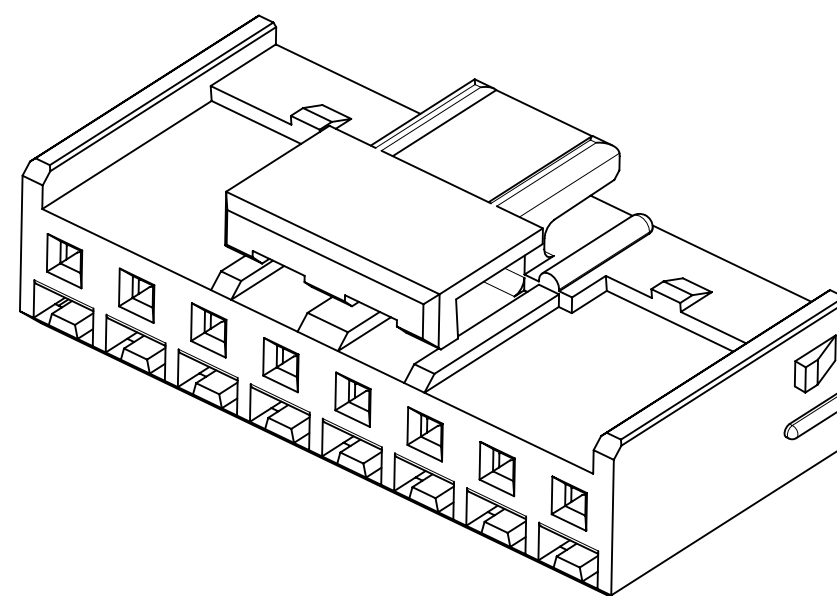


ターミナル及びリテーナー装着状態図
TERMINAL AND RETAINER ASSEMBLY DRAWING

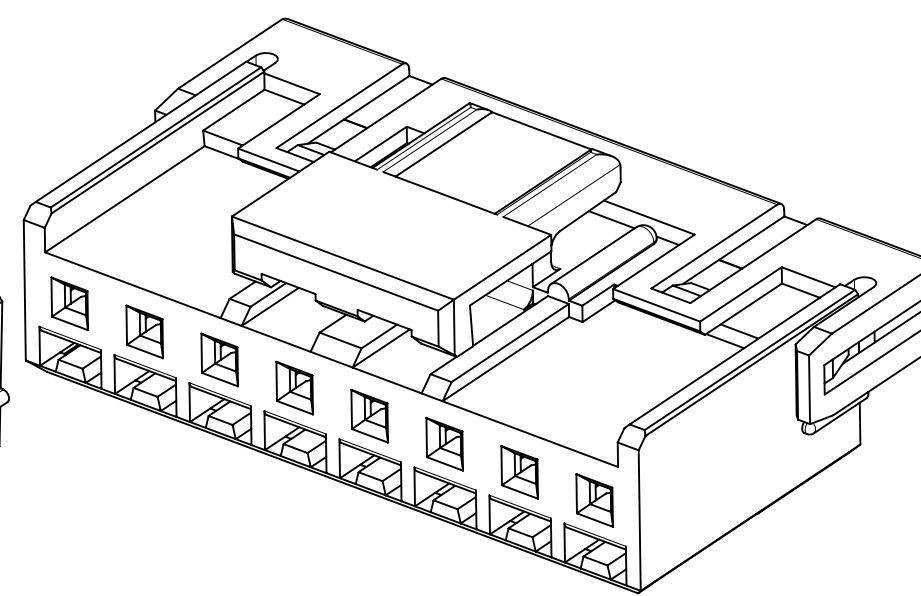


CAVITY & MOLD No.

SERIES No.



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

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
G	F	E	D	C	B	(A)	発注番号 ORDER No.	極数 CIRCUIT SIZE

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

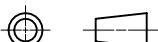
5. GLOW WIRE TEST適合品

THIS PRODUCT IS GLOW WIRE TEST COMPATIBLE.

1 TABLE 1

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		
14	13		12	11		10

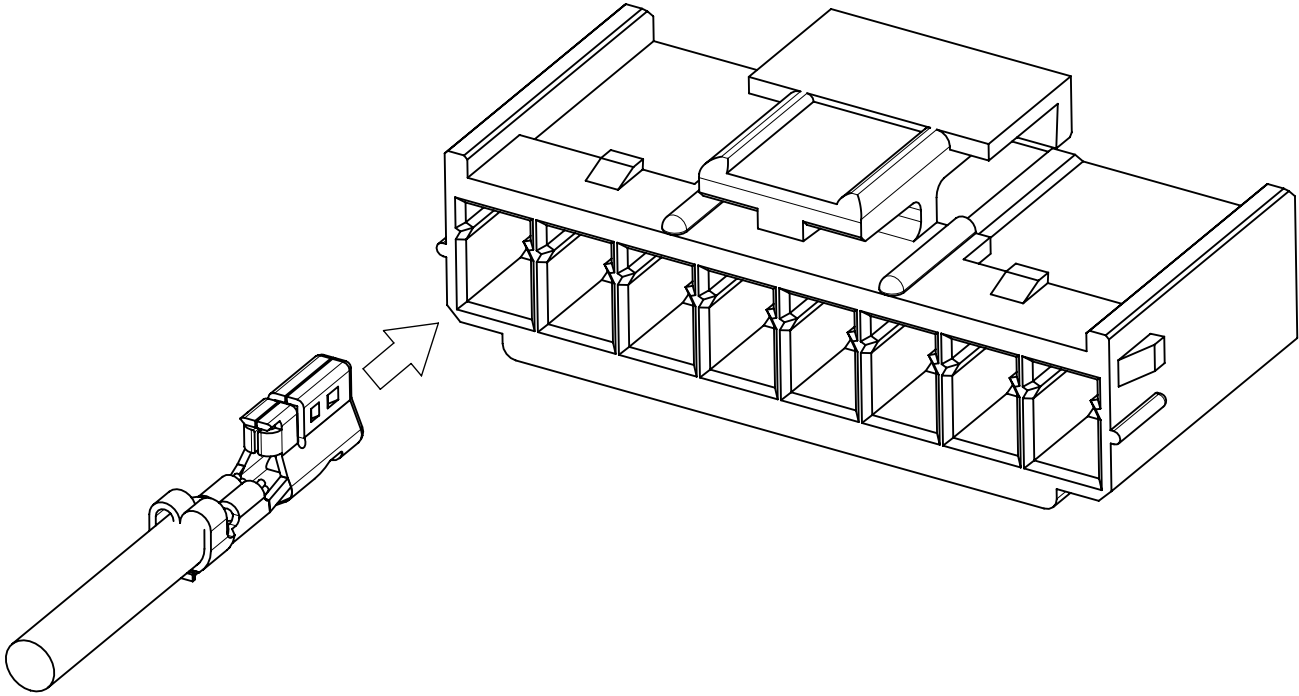
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE	CURRENT REV DESC:				molex				
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)							MINI-LOCK 2.5 SINGLE ROW RECEPTACLE HOUSING WITH RETAINER				
ANGULAR TOL ± 3.0 °											
4 PLACES		± 0.2									
3 PLACES		± 0.2					EC NO: 652870		DRWN: MIKEDA01		2023/03/27
2 PLACES		± 0.2	CHK'D: SAKIYAMA		2023/05/11		2023/05/15				
1 PLACE		± 0.2	APPR: AIDA		2023/05/15		PRODUCT CUSTOMER DRAWING				
0 PLACES		± 0.2	INITIAL REVISION:		DOCUMENT NUMBER					DOC TYPE	DOC PART
DRAWING WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	511630000-SD		PSD	000	B
							DRWN: RWATANABE01		2019/04/22		
							APPR: SAKIYAMA		2020/09/28		
							MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
					A2-SIZE	51163			GENERAL		1 OF 2

△ 適合製品及び各種仕様書

APPLICABLE PRODUCT AND VARIOUS SPECIFICATIONS

梱包仕様書 PACKAGING SPECIFICATION	PART NUMBER		SPECIFICATION NUMBER		
	51163**0*		511639200-SPK 200		
適合端子 APPLICABLE TERMINAL	PART NUMBER	PLATING TYPE	WIRE SIZE(AWG)		
	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

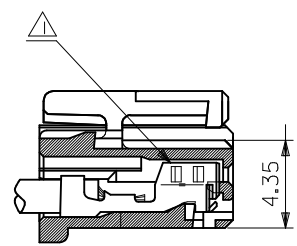
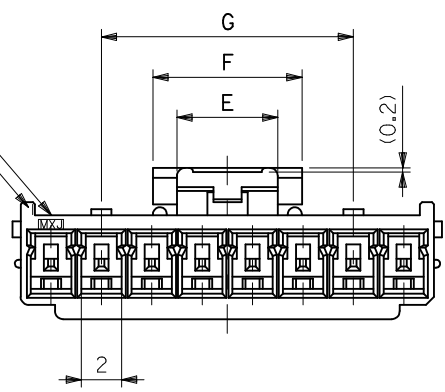
黒 BLACK	ナチュラル(白) NATURAL(WHITE)	ハウジング色 HOUSING COLOR
PA GF0, UL94 V-0	PBT GF0, UL94 V-0	樹脂種 RESIN TYPE
511631541	511631500	15
511631441	511631400	14
511631341	511631300	13
511631241	511631200	12
511631141	511631100	11
511631041	511631000	10
511630941	511630900	9
511630841	511630800	8
511630741	511630700	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	CURRENT REV DESC:				molex		
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)			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				MINI-LOCK 2.5 SINGLE ROW RECEPTACLE HOUSING WITH RETAINER		
ANGULAR TOL	±	3.0 °					PRODUCT CUSTOMER DRAWING		
4 PLACES	±	0.2					DOCUMENT NUMBER		
3 PLACES	±	0.2					511630000-SD		PSD
2 PLACES	±	0.2					DOC TYPE	DOC PART	REVISION
1 PLACE	±	0.2					000	000	B
0 PLACES	±	0.2					SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		
				A2-SIZE	51163		GENERAL		2 OF 2

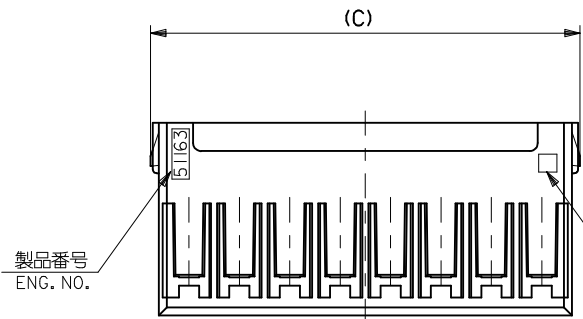
DOCUMENT STATUS	P1	RELEASE DATE	2023/05/15	02:57:18
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10 9 8 7 6 5 4 3 2 1

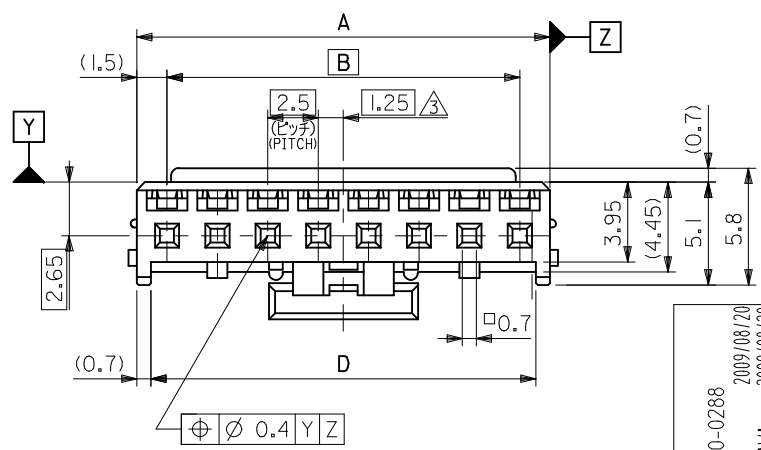
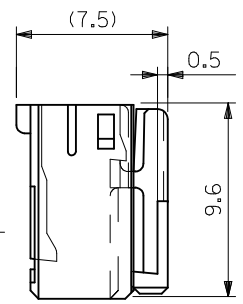
④
トレードマーク
TRADE MARK
回路番号 1
CIRCUIT NO.1



ターミナル装着状態図
TERMINAL ASSEMBLY DRAWING



④
キャビティー番号
及び金型番号
CAVITY NO.
AND MODEL 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
G	F	E	D	(C)	B	A	MATERIAL AND ORDER No. ④	CIRCUIT No.

REVISED EC NO: J2010-0288 2009/08/20 DRWN: YG010 CHKD: KASAKAWA 2009/08/20 APPR: NUKITA 2009/08/24	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY K. HARADA	DATE 1997/10/2	TITLE 2.5 W/B CONN HSG (POSITIVE LOCK)				
		10 OVER 30 UNDER	±0.25	CHECKED BY T. ITO	DATE 1997/11/12	MOLEX INCORPORATED DOCUMENT NO. SD-51163-**00 SHEET NO. 1 OF 2				
		30 OVER	±0.3	APPROVED BY M. FUKUSHIMA	DATE 1997/11/12					
		ANGULAR ±3 °		ENTER PART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3								

10 9 8 7 6 5 4 3 2 1

注記 NOTES

- △1 適合ターミナル：5035I-8*00
APPLICABLE TERMINAL : 5035I-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)



REVISED EC NO: C DRWN:Y.GOTO CHKD:KASAKAWA APPR: REV	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER	±0.2	DRAWN BY K. HARADA	DATE 1997/10/2	TITLE 2.5 W/B CONN HSG (POSITIVE LOCK)			
		10 OVER 30 UNDER	±0.25	CHECKED BY T. ITO	DATE 1997/11/12				
		30 OVER	±0.3	APPROVED BY M. FUKUSHIMA	DATE 1997/11/12				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ENTER PART		SD-51163-**00			
				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				