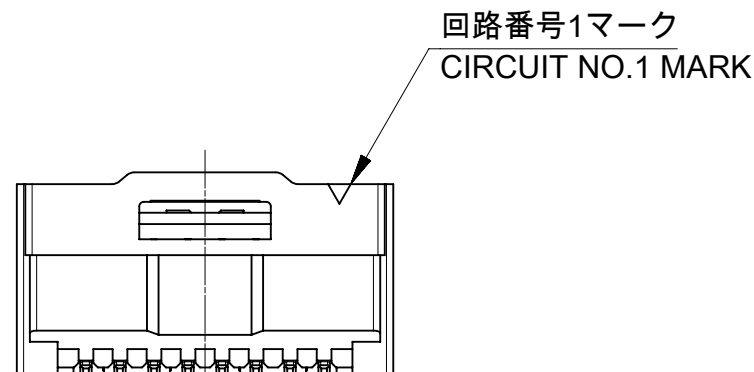
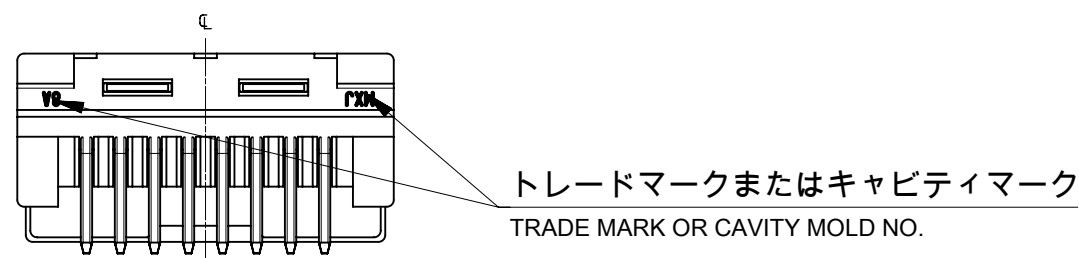
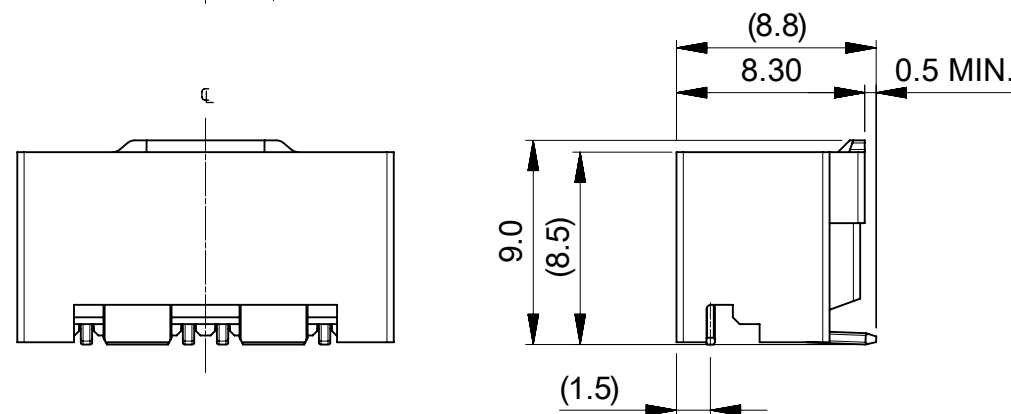
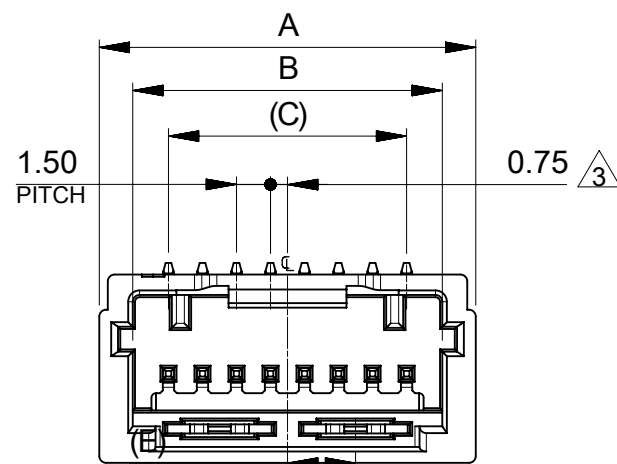




注)
NOTE

1. 嵌合相手:201647シリーズ
MATE WITH:201647 SERIES.

△₂ 製品番号 MATERIAL NO.

201648 0** *

極数
CIRCUIT SIZE

色
COLOR

NO.	COLOR
0	NATURAL
1	BLACK
2	RED
3	YELLOW
4	BLUE

△₃ 偶数極に適用

APPLY FOR CKT SIZE EQUAL EVEN.

4. 端子テール部及びネイルの平坦度は0.12MAX.とする。
TAIL AND NAIL COPLANARITY TO BE 0.12 MAX.

4	3.00	17.85	22.50	25.65	28.60	201648016*	16
3	8.25	17.85	21.00	24.15	27.10	201648015*	15
3	7.50	17.85	19.50	22.65	25.60	201648014*	14
3	6.75	12.00	18.00	21.15	24.10	201648013*	13
3	6.00	12.00	16.50	19.65	22.60	201648012*	12
2	5.25	12.00	15.00	18.15	21.10	201648011*	11
2	4.50	12.00	13.50	16.65	19.60	201648010*	10
2	3.75	8.50	12.00	15.15	18.10	201648009*	9
2	3.00	8.50	10.50	13.65	16.60	201648008*	8
1	-	8.50	9.00	12.15	15.10	201648007*	7
1	-	5.55	7.50	10.65	13.60	201648006*	6
1	-	5.55	6.00	9.15	12.10	201648005*	5
1	-	5.55	4.50	9.00	12.10	201648004*	4
1	-	4.20	3.00	7.50	10.60	201648003*	3
1	-	2.90	1.50	6.00	9.10	201648002*	2
NAIL QTY	E	D	C	B	A	オーダー番号 ORDER NO.	極数 CKT NO.

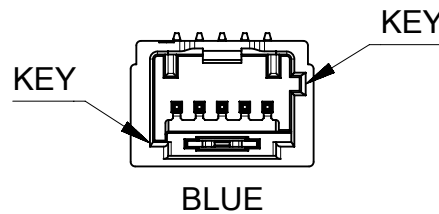
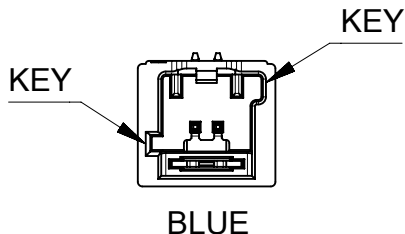
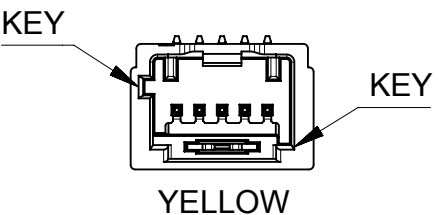
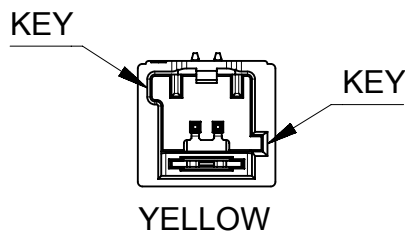
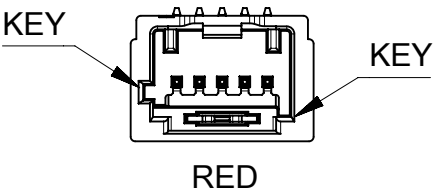
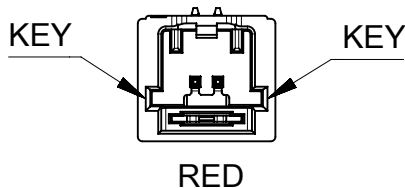
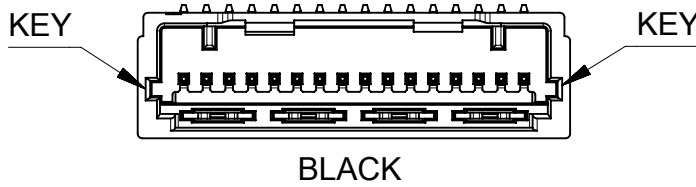
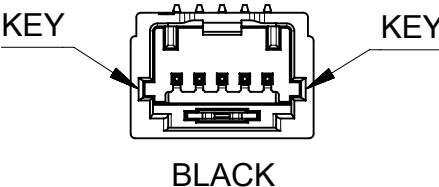
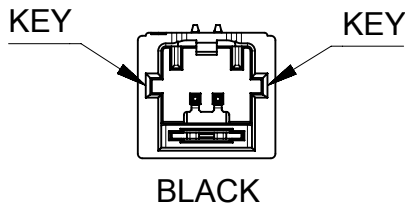
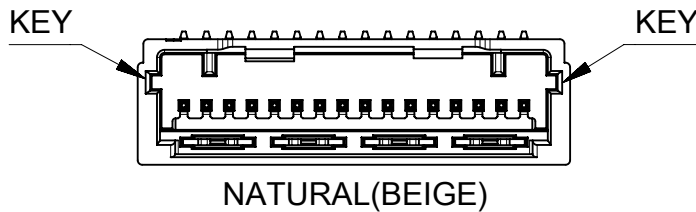
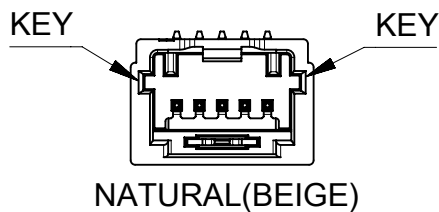
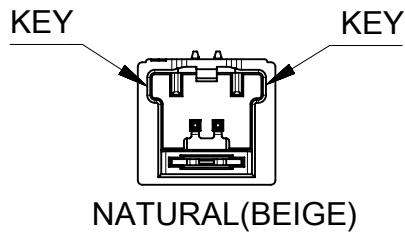
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: PROPOSED				molex							
mm		3:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				SPOT-ON 1.5 SINGLE PLUG ASSY											
ANGULAR TOL ± 3.0°															
4 PLACES		± 0.2		2017/06/28											
3 PLACES		± 0.2													
2 PLACES		± 0.2		2018/05/16											
1 PLACES		± 0.2													
0 PLACES		± 0.2		2018/05/17											
INITIAL REVISION:															
DRWN: MIKEDA01				2017/02/09											
APPR: TKANEKO															
				2017/02/15											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		201648		2016480***		GENERAL		1 OF 4	

部品 PART	材質 MATERIAL	
ハウジング HOUSING	ポリアミド(PA), ガラス充填, UL94V-0, 色 : 注記参照 POLYAMIDE(PA), GLASS FILLED, UL94V-0, COLOR: SEE NOTE	
	黄銅 BRASS	
ターミナル TERMINAL	錫めっき (リフロート処理), 1.0μm以上 TIN PLATED (HEAT TREATED MATTE TIN), 1.0μm MIN.	前めっき PRE-PLATED
	ニッケルめっき(下地), 0.5μm以上 NICKEL (UNDER-PLATED), 0.5μm MIN.	
ネイル NAIL	黄銅 BRASS	
	無光沢錫めっき, 1.0μm以上 MATTE TIN, 1.0μm MIN.	
	ニッケルめっき(下地), 1.0μm以上 NICKEL (UNDER-PLATED), 1.0μm MIN.	

2~4極
2~4CKT

5極
5CKT

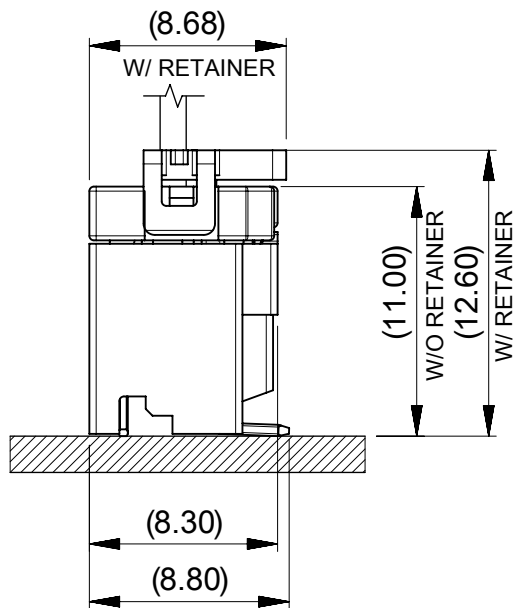
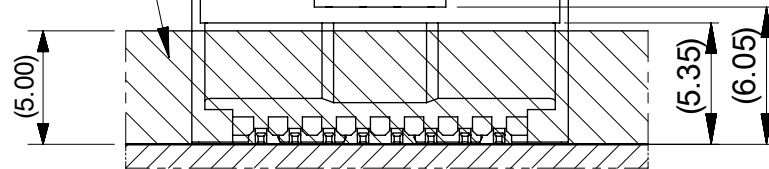
6~16極
6~16CKT



ポッティング剤
POTTING AGENT

基板
BOARD

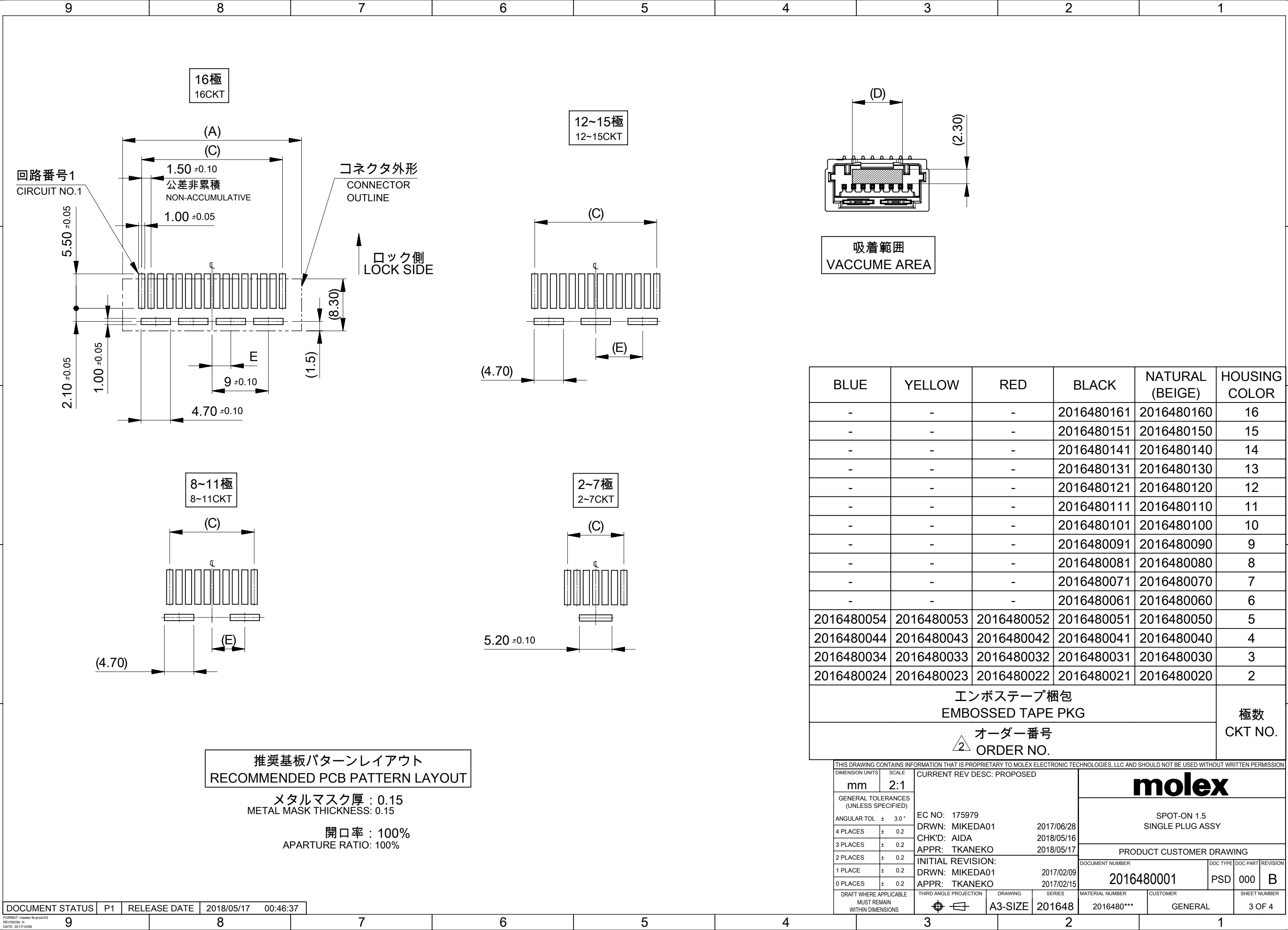
参考ポッティング高さ
POTTING HEIGHT (REFERENCE)



嵌合高さ
MATING HEIGHT

色によるキー位置違い
COLOR VS KEY POSITION

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: PROPOSED			molex								
mm		2:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL ± 3.0 °				EC NO: 175979 DRWN: MIKEDA01 2017/06/28 CHK'D: AIDA 2018/05/16 APPR: TKANEKO 2018/05/17			SPOT-ON 1.5 SINGLE PLUG ASSY								
4 PLACES		± 0.2													
3 PLACES		± 0.2													
2 PLACES		± 0.2		INITIAL REVISION: DRWN: MIKEDA01 2017/02/09 APPR: TKANEKO 2017/02/15			PRODUCT CUSTOMER DRAWING								
1 PLACE		± 0.2													
0 PLACES		± 0.2													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
										2016480001		PSD	000	B	
						A3-SIZE		201648		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
										2016480***		GENERAL		2 OF 4	



9 8 7 6 5 4 3 2 1

16極
16CKT

回路番号1
CIRCUIT NO.1

5.50 ±0.05

1.00 ±0.05

2.10 ±0.05

4.70 ±0.10

9 ±0.10

8~11極
8~11CKT

(C)

(E)

(4.70)

推奨基板パターンレイアウト
RECOMMENDED PCB PATTERN LAYOUT

メタルマスク厚 : 0.15
METAL MASK THICKNESS: 0.15

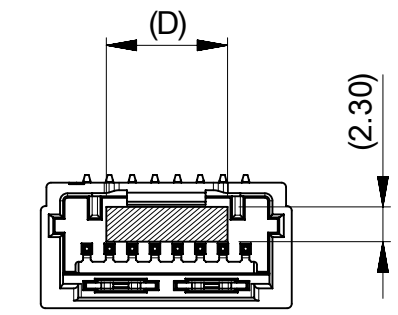
開口率 : 100%
APARTURE RATIO: 100%

12~15極
12~15CKT

(C)

(E)

(4.70)



吸着範囲
VACCUME AREA

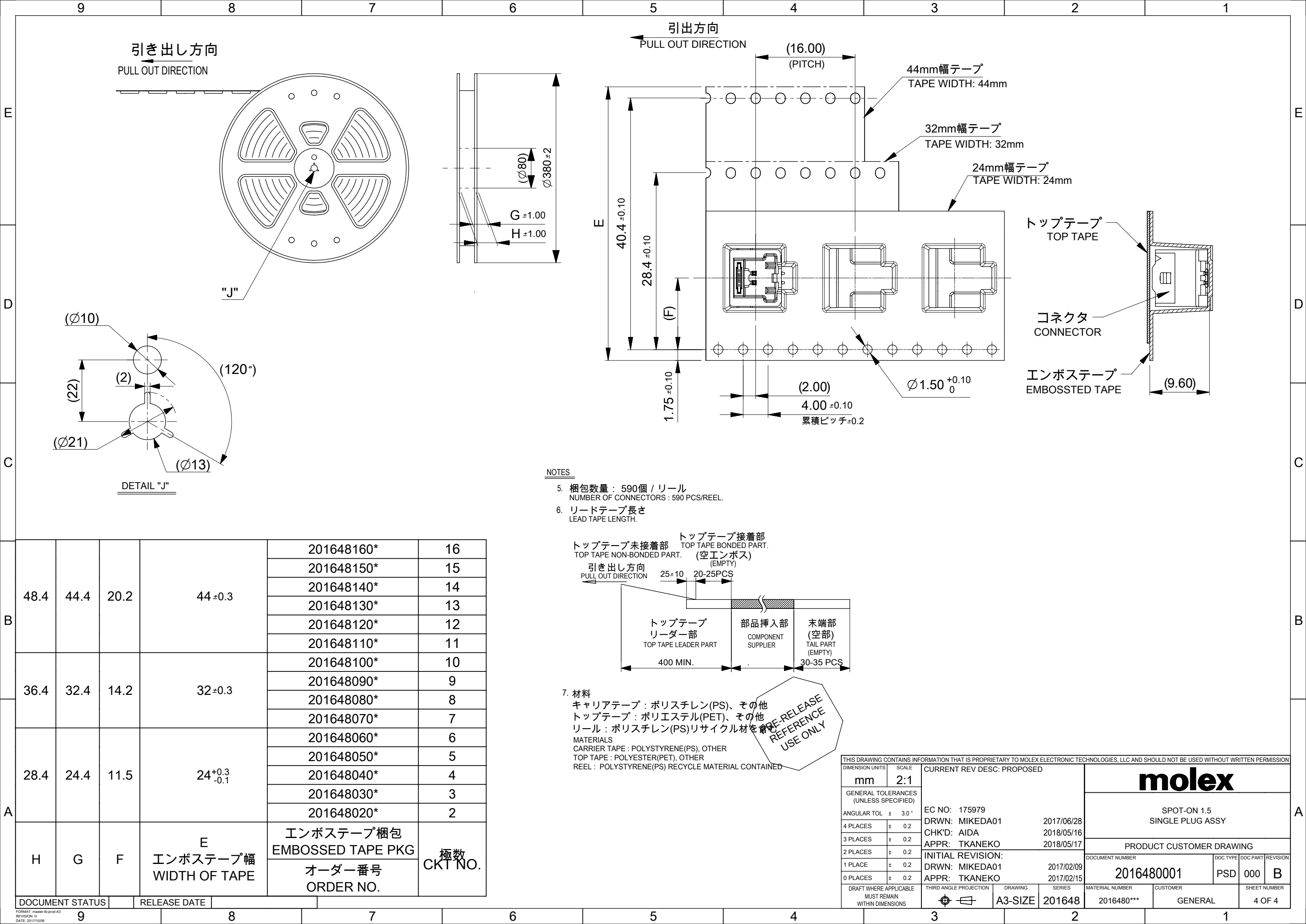
BLUE	YELLOW	RED	BLACK	NATURAL (BEIGE)	HOUSING COLOR
-	-	-	2016480161	2016480160	16
-	-	-	2016480151	2016480150	15
-	-	-	2016480141	2016480140	14
-	-	-	2016480131	2016480130	13
-	-	-	2016480121	2016480120	12
-	-	-	2016480111	2016480110	11
-	-	-	2016480101	2016480100	10
-	-	-	2016480091	2016480090	9
-	-	-	2016480081	2016480080	8
-	-	-	2016480071	2016480070	7
-	-	-	2016480061	2016480060	6
2016480054	2016480053	2016480052	2016480051	2016480050	5
2016480044	2016480043	2016480042	2016480041	2016480040	4
2016480034	2016480033	2016480032	2016480031	2016480030	3
2016480024	2016480023	2016480022	2016480021	2016480020	2

エンボステープ梱包 EMBOSSSED TAPE PKG		極数 CKT NO.
△ 2	オーダー番号 ORDER NO.	

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: PROPOSED				molex							
mm		2:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 175979 DRWN: MIKEDA01 2017/06/28 CHK'D: AIDA 2018/05/16 APPR: TKANEKO 2018/05/17											
ANGULAR TOL ± 3.0 °															
4 PLACES		± 0.2		SPOT-ON 1.5 SINGLE PLUG ASSY											
3 PLACES		± 0.2													
2 PLACES		± 0.2		PRODUCT CUSTOMER DRAWING											
1 PLACE		± 0.2													
0 PLACES		± 0.2		DOCUMENT NUMBER 2016480001											
INITIAL REVISION: DRWN: MIKEDA01 2017/02/09 APPR: TKANEKO 2017/02/15															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		201648		2016480***		GENERAL		3 OF 4	

DOCUMENT STATUS	P1	RELEASE DATE	2018/05/17	00:46:37
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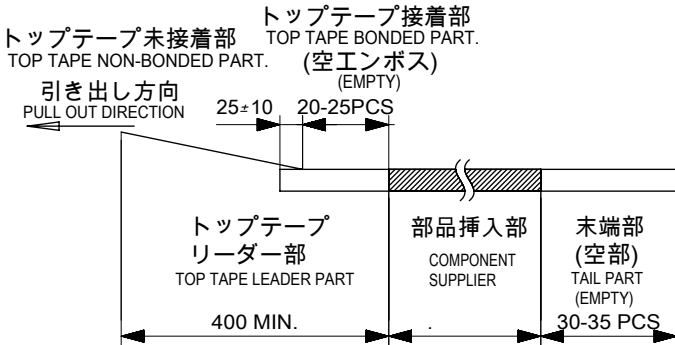
9 8 7 6 5 4 3 2 1



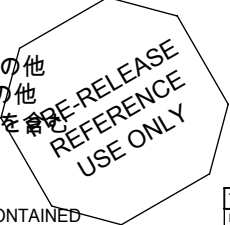
48.4	44.4	20.2	44 ±0.3	201648160*	16
				201648150*	15
				201648140*	14
				201648130*	13
				201648120*	12
				201648110*	11
36.4	32.4	14.2	32 ±0.3	201648100*	10
				201648090*	9
				201648080*	8
				201648070*	7
28.4	24.4	11.5	24 ^{+0.3} _{-0.1}	201648060*	6
				201648050*	5
				201648040*	4
				201648030*	3
				201648020*	2
H	G	F	E エンボステープ幅 WIDTH OF TAPE	エンボステープ梱包 EMBOSSSED TAPE PKG	極数 CKT NO.
				オーダー番号 ORDER NO.	

NOTES

5. 梱包数量： 590個 / リール
NUMBER OF CONNECTORS : 590 PCS/REEL.
6. リードテープ長さ
LEAD TAPE LENGTH.



7. 材料
キャリアテープ：ポリスチレン(PS)、その他
トップテープ：ポリエステル(PET)、その他
リール：ポリスチレン(PS)リサイクル材を含む
- MATERIALS
CARRIER TAPE : POLYSTYRENE(PS), OTHER
TOP TAPE : POLYESTER(PET), OTHER
REEL : POLYSTYRENE(PS) RECYCLE MATERIAL CONTAINED



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DIMENSION UNITS		SCALE		CURRENT REV DESC: PROPOSED				molex									
mm		2:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 175979 DRWN: MIKEDA01 2017/06/28 CHK'D: AIDA 2018/05/16 APPR: TKANEKO 2018/05/17 INITIAL REVISION: DRWN: MIKEDA01 2017/02/09 APPR: TKANEKO 2017/02/15						SPOT-ON 1.5 SINGLE PLUG ASSY							
ANGULAR TOL ± 3.0 °																	
4 PLACES		± 0.2															
3 PLACES		± 0.2															
2 PLACES		± 0.2															
1 PLACE		± 0.2		PRODUCT CUSTOMER DRAWING													
0 PLACES		± 0.2															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		201648		2016480001		PSD		000		B	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
										2016480***		GENERAL				4 OF 4	