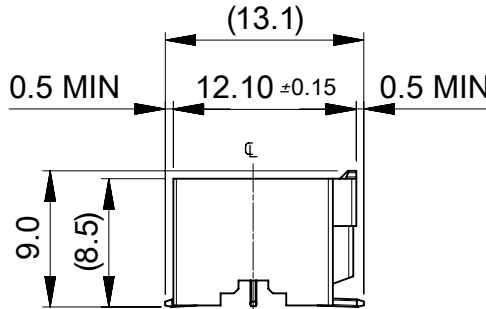
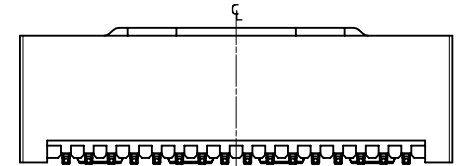
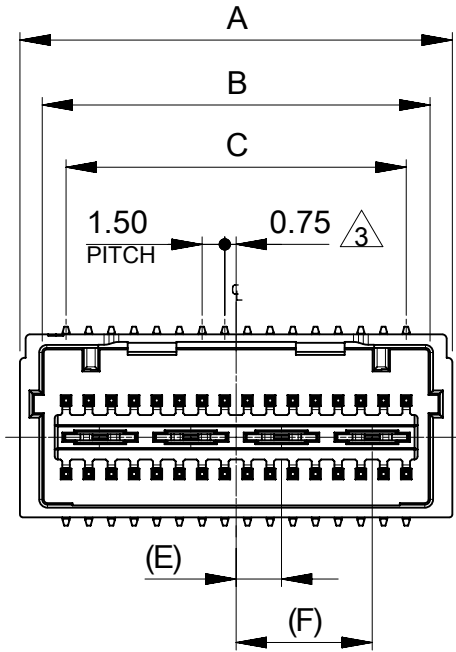


部品 PART	材質 MATERIAL	
ハウジング HOUSING	ポリアミド(PA), ガラス充填, UL94V-0, 色 : 注記参照 POLYAMIDE(PA), GLASS FILLED, UL94V-0, COLOR : SEE NOTE	
ターミナル TERMINAL	黄銅 BRASS	前めっき PRE-PLATED
	錫めっき (リフロー処理) 1.0μm以上 TIN PLATED, (HEAT TREATED MATTE TIN), 1.0μm MIN.	
	ニッケルめっき(下地) 0.5μm以上 NICKEL (UNDER-PLATED) 0.5μm MIN.	
ネイル NAIL	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.	
DOCUMENT STATUS	P1	RELEASE DATE 2025/07/01 07:04:09

注)
NOTE

1. 嵌合相手 : 201644シリーズ
MATE WITH:201644 SERIES.

2. 製品番号
MATERIAL NO.

201646 0** *

極数	色	NO.	COLOR
CIRCUIT SIZE	COLOR	0	NATURAL
		1	BLACK

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.

5	24.0	12.00	6.00	21.45	28.50	31.65	34.60	201646040*	40
4	22.5	11.25	3.75	21.45	27.00	30.15	33.10	201646038*	38
4	21.0	10.50	3.00	21.45	25.50	28.65	31.60	201646036*	36
4	19.5	9.75	3.75	17.85	24.00	27.15	30.10	201646034*	34
4	18.0	9.00	3.00	17.85	22.50	25.65	28.60	201646032*	32
3	16.5	-	8.25	17.85	21.00	24.15	27.10	201646030*	30
3	15.0	-	7.50	17.85	19.50	22.65	25.60	201646028*	28
3	13.5	-	6.75	12.00	18.00	21.15	24.10	201646026*	26
3	12.0	-	6.00	12.00	16.50	19.65	22.60	201646024*	24
2	-	-	5.25	12.00	15.00	18.15	21.10	201646022*	22
2	-	-	4.50	12.00	13.50	16.65	19.60	201646020*	20
2	-	-	3.75	8.50	12.00	15.15	18.10	201646018*	18
2	-	-	3.00	8.50	10.50	13.65	16.60	201646016*	16
1	-	-	-	8.50	9.00	12.15	15.10	201646014*	14
1	-	-	-	5.55	7.50	10.65	13.60	201646012*	12
1	-	-	-	5.55	6.00	9.15	12.10	201646010*	10
NAIL QTY	G	F	E	D	C	B	A	オーダー番号 ORDER NO.	極数 CKT NO.

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DIMENSION UNITS
mm

SCALE
2:1

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: REMOVED OBSOLETE PART
NUMBERS AS PER PCN #515183

EC NO: 826030
DRWN: PRANAA
CHK'D: GGA
APPR: GGA
2025/06/25
2025/07/01
2025/07/01

INITIAL REVISION:
DRWN: MIKEDA01
APPR: TKANEKO
2017/02/09
2017/04/06

THIRD ANGLE PROJECTION

DRAWING
A3-SIZE

SERIES
201646

MATERIAL NUMBER
2016460***

CUSTOMER
GENERAL

SHEET NUMBER
1 OF 4

molex

SPOT-ON 1.5
DUAL PLUG ASSY WITH NAIL

PRODUCT CUSTOMER DRAWING

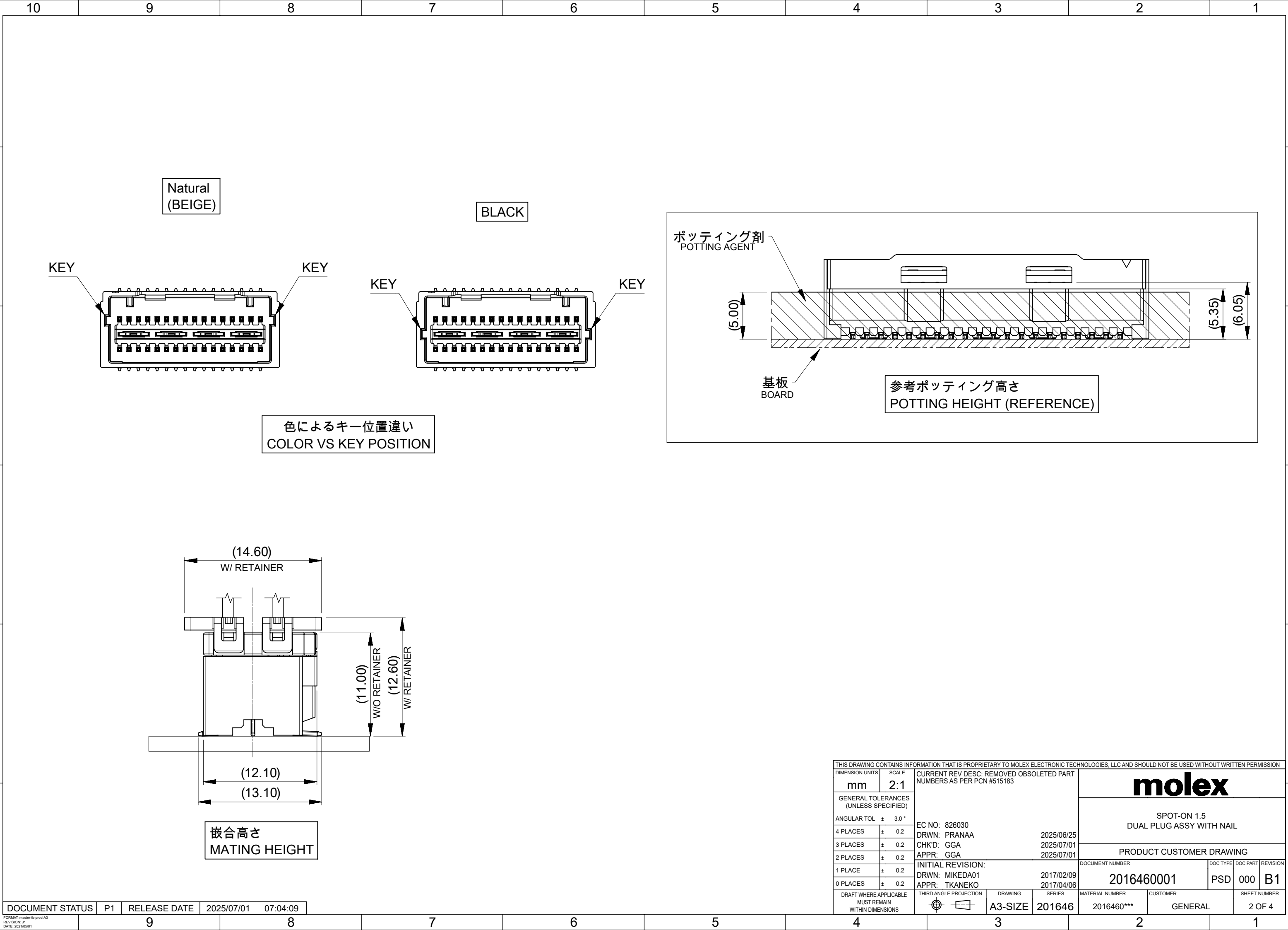
DOCUMENT NUMBER
2016460001

DOC TYPE
PSD

DOC PART
000

REVISION
B1

FORMAT: master-b-prod-A3
REVISION: J1
DATE: 2021/05/01



Natural
(BEIGE)

BLACK

KEY

KEY

KEY

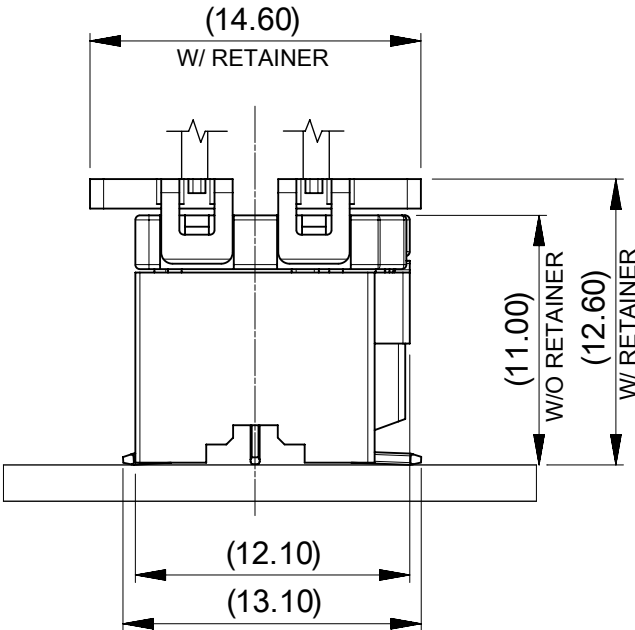
KEY

色によるキー位置違い
COLOR VS KEY POSITION

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)

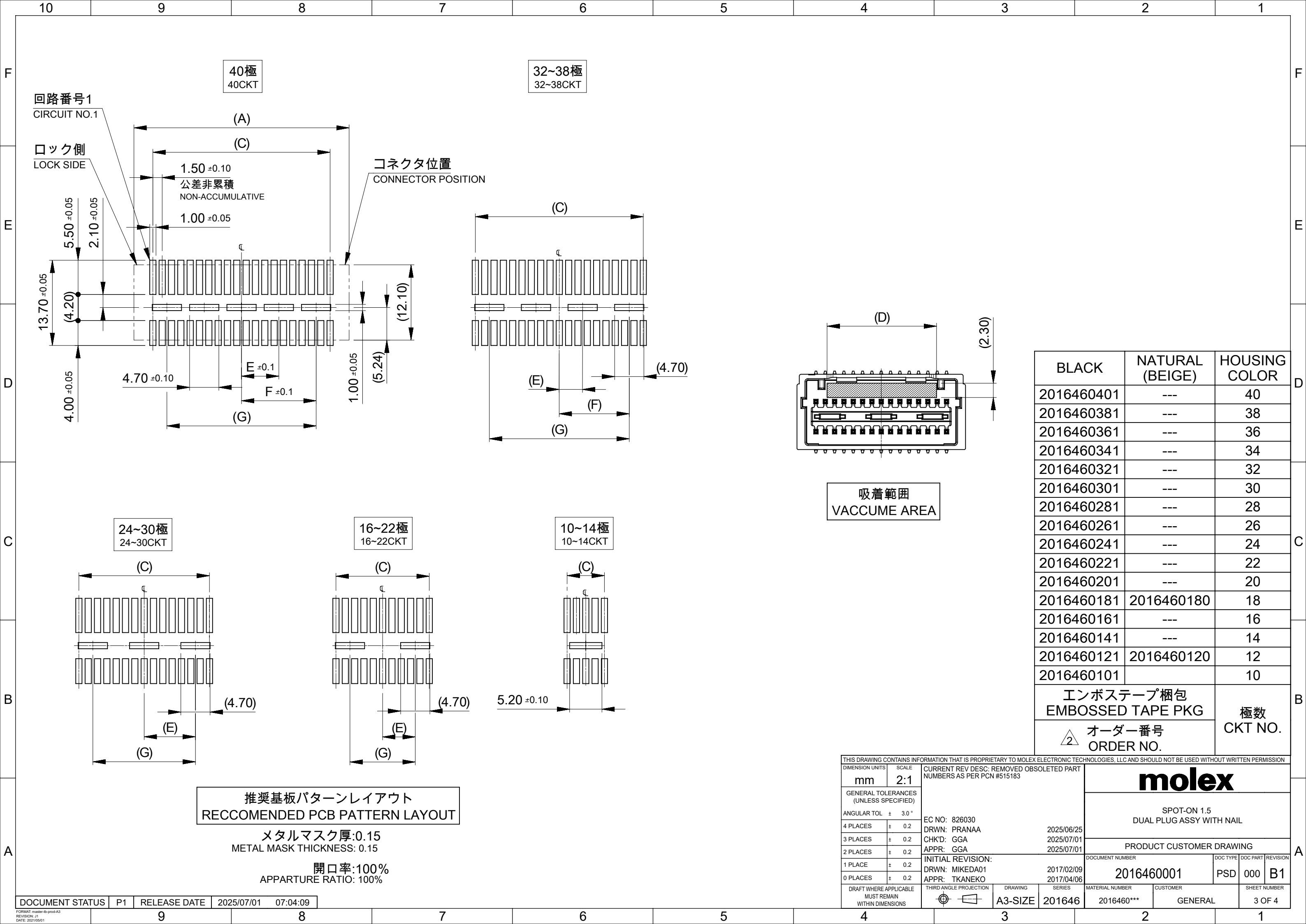


嵌合高さ
MATING HEIGHT

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN #515183							
mm		2:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 826030 DRWN: PRANAA2025/06/25 CHK'D: GGA2025/07/01 APPR: GGA2025/07/01 INITIAL REVISION: DRWN: MIKEDA012017/02/09 APPR: TKANEKO2017/04/06							
ANGULAR TOL	±	3.0 °								
4 PLACES	±	0.2								
3 PLACES	±	0.2								
2 PLACES	±	0.2								
1 PLACE	±	0.2	DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION	
0 PLACES	±	0.2	2016460001				PSD	000	B1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
				A3-SIZE	201646	2016460***	GENERAL		2 OF 4	

DOCUMENT STATUS	P1	RELEASE DATE	2025/07/01	07:04:09
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FORMAT: master-b-prod-A3
REVISION: J1
DATE: 2021/05/01



回路番号1
CIRCUIT NO.1

ロック側
LOCK SIDE

コネクタ位置
CONNECTOR POSITION

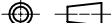
吸着範囲
VACCUME AREA

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

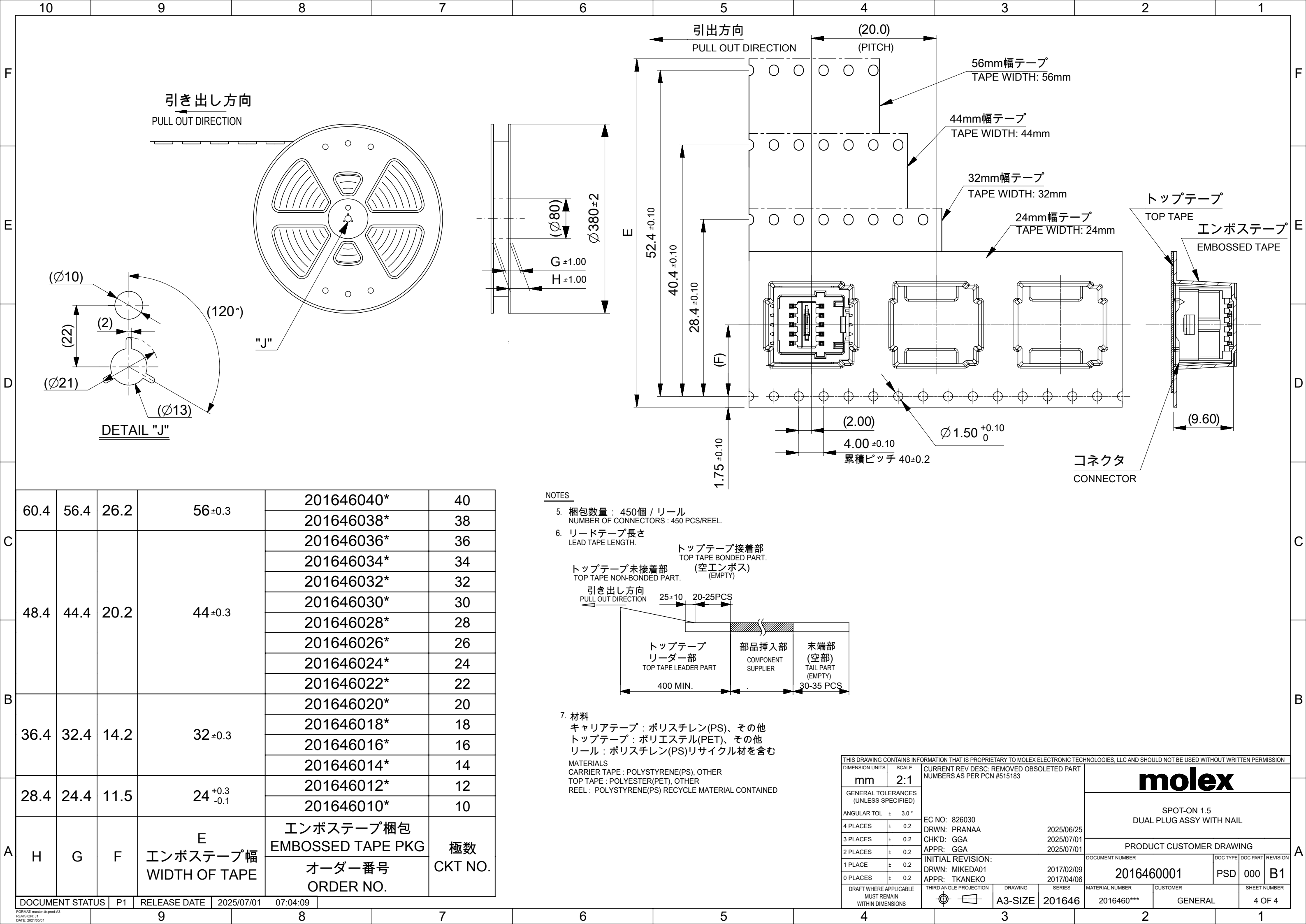
メタルマスク厚:0.15
METAL MASK THICKNESS: 0.15

開口率:100%
APPARTURE RATIO: 100%

BLACK	NATURAL (BEIGE)	HOUSING COLOR
2016460401	---	40
2016460381	---	38
2016460361	---	36
2016460341	---	34
2016460321	---	32
2016460301	---	30
2016460281	---	28
2016460261	---	26
2016460241	---	24
2016460221	---	22
2016460201	---	20
2016460181	2016460180	18
2016460161	---	16
2016460141	---	14
2016460121	2016460120	12
2016460101		10
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.		

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DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN #515183			molex SPOT-ON 1.5 DUAL PLUG ASSY WITH NAIL							
mm		2:1												
GENERAL TOLERANCES (UNLESS SPECIFIED)														
ANGULAR TOL		± 3.0 °					PRODUCT CUSTOMER DRAWING							
4 PLACES		± 0.2												
3 PLACES		± 0.2												
2 PLACES		± 0.2												
1 PLACE		± 0.2					INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES		± 0.2								2016460001		PSD	000	B1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION					DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
				A3-SIZE		201646		2016460***		GENERAL		3 OF 4		

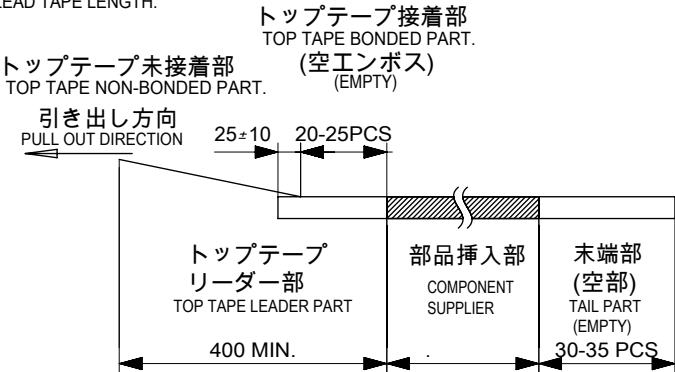
DOCUMENT STATUS	P1	RELEASE DATE	2025/07/01	07:04:09
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60.4	56.4	26.2	56±0.3	201646040*	40
				201646038*	38
48.4	44.4	20.2	44±0.3	201646036*	36
				201646034*	34
				201646032*	32
				201646030*	30
				201646028*	28
				201646026*	26
				201646024*	24
				201646022*	22
36.4	32.4	14.2	32±0.3	201646020*	20
				201646018*	18
				201646016*	16
				201646014*	14
28.4	24.4	11.5	24 ^{+0.3} _{-0.1}	201646012*	12
				201646010*	10
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.	
DOCUMENT STATUS	P1	RELEASE DATE	2025/07/01	07:04:09	

NOTES

5. 梱包数量：450個 / リール
NUMBER OF CONNECTORS : 450 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: REMOVED OBSOLETE PART NUMBERS AS PER PCN #515183					
mm		2:1		molex SPOT-ON 1.5 DUAL PLUG ASSY WITH NAIL					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL		± 3.0 °		PRODUCT CUSTOMER DRAWING					
4 PLACES		± 0.2							
3 PLACES		± 0.2		INITIAL REVISION: DRWN: MIKEDA01 APPR: TKANEKO					
2 PLACES		± 0.2							
1 PLACE		± 0.2		DOCUMENT NUMBER 2016460001					
0 PLACES		± 0.2							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER	
						A3-SIZE		4 OF 4	
						201646			