

F

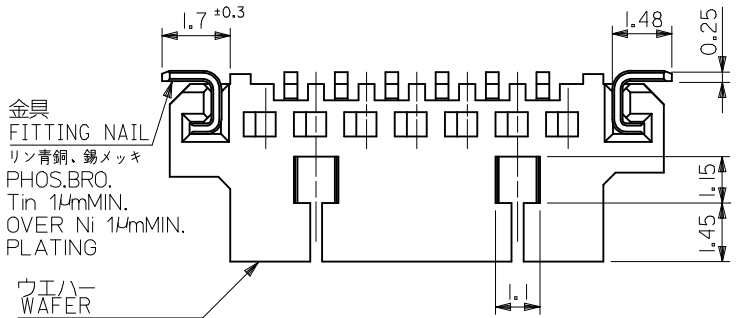
E

D

C

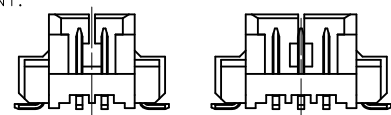
B

A



注記 NOTES

1. 嵌合相手 : 51021 シリーズ MATE WITH : 51021 SERIES
2. 水平面上において、ウェハー底面 **W** とソルダーテール及びフィッティングネイル底面とのズレ量を示す。
MISALIGNMENT OF SOLDER TAIL & FITTING NAIL FROM **W**
3. 偶数極にのみ適用。APPLY EVEN CIRCUIT PRODUCTS.
4. ロック窓は、2、3極は1ヶ所、4極以上は2ヶ所とする。
LOCKING WINDOW : ONE PLACE FOR 2&3 CKTS.
TWO PLACES FOR MORE THAN 4 CKTS.
5. ソルダーテール及び金具の平坦度は0.1以下。
SOLDER TAIL & FITTING NAIL COPLANARITY TO BE 0.1 MAX.
6. ELV及びRoHS適合品
ELV AND RoHS COMPLIANT.



ロック形状図
LOCK CONFIGURATION

23.9	23.5	20.5	18.6	19.3	17.5	53398-154*	53398-*159	15		
22.65	22.25	19.25	17.35	18.05	16.25	▲ -144*	▲ -*149	14		
21.4	21	18	16.1	16.8	15	-134*	-*139	13		
20.15	19.75	16.75	14.85	15.55	13.75	-124*	-*129	12		
18.9	18.5	15.5	13.6	14.3	12.5	-114*	-*119	11		
17.65	17.25	14.25	12.35	13.05	11.25	-104*	-*109	10		
16.4	16	13	11.1	11.8	10	-094*	-*099	9		
15.15	14.75	11.75	9.85	10.55	8.75	-084*	-*089	8		
13.9	13.5	10.5	8.6	9.3	7.5	-074*	-*079	7		
12.65	12.25	9.25	7.35	8.05	6.25	-064*	-*069	6		
11.4	11	8	6.1	6.8	5	-054*	-*059	5		
10.15	9.75	6.75	4.85	5.55	3.75	▼ -044*	▼ -*049	4		
8.9	8.5	5.5	3.6	4.3	2.5	-034*	-*039	3		
7.65	7.25	4.25	2.35	3.05	1.25	53398-024*	53398-*029	2		
F	E	D	C	B	A	MATERIAL NO.		MATERIAL NO.		極数 NO. OF CKTS.
						MODEL NO.	53398-***4	MODEL NO.	53398-***9	
						3 : 黄 YELLOW		8 : 黒 BLACK		
						4 : 青(紫) BLUE(PURPLE)		9 : 赤 RED		
		COLOR		COLOR						

REVISED
EC NO: J2017-0403
DRWN: S0BARA01
CHKD: AIDA
APPR: KANEKO
2017/01/26
2017/01/31
2017/02/01

DESCRIPTION

REV

GENERAL TOLERANCES
(UNLESS SPECIFIED)

0.25 UNDER UNDER ±0.03
0.25 OVER 0.5 UNDER ±0.05
0.5 OVER 1.0 UNDER ±0.1
1.0 OVER 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

DRAWN BY
M. UEDA
2005/02/17
CHECKED BY
K. TOYODA
2005/02/17
APPROVED BY
N. UKITA
2005/02/17
MATERIAL NO.
SEE CHART
SIZE
A3

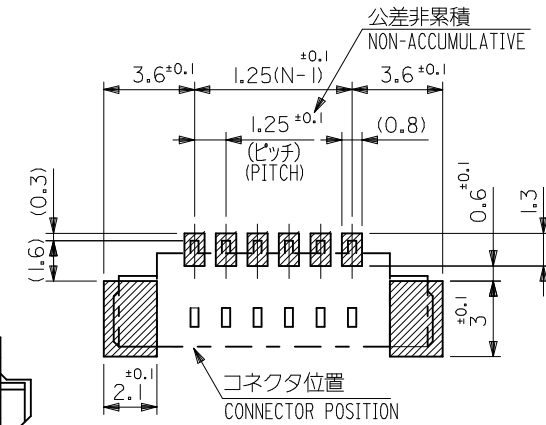
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE
8:1
DESIGN UNITS
METRIC
THIRD ANGLE
PROJECTION

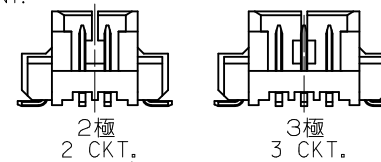
TITLE
PICOBLADE 1.25
HEADER ASSY
SMT ST TYPE
molex
DOCUMENT NO.
SD-53398-038
SHEET NO.
1 OF 1

注記 NOTES

1. 嵌合相手 : 51021シリーズ MATE WITH : 51021 SERIES
2. 水平面上において、ウエハー底面 **W** とソルダーテール及びフィッティングネイル底面とのズレ量を示す。
MISALIGNMENT OF SOLDER TAIL & FITTING NAIL FROM **W**
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TWO PLACES FOR MORE THAN 4 CKTS.
5. ソルダーテール及び金具の平坦度は0.1以下。
SOLDER TAIL & FITTING NAIL COPLANARITY TO BE 0.1 MAX.
6. ELV及びRoHS適合品
ELV AND RoHS COMPLIANT.



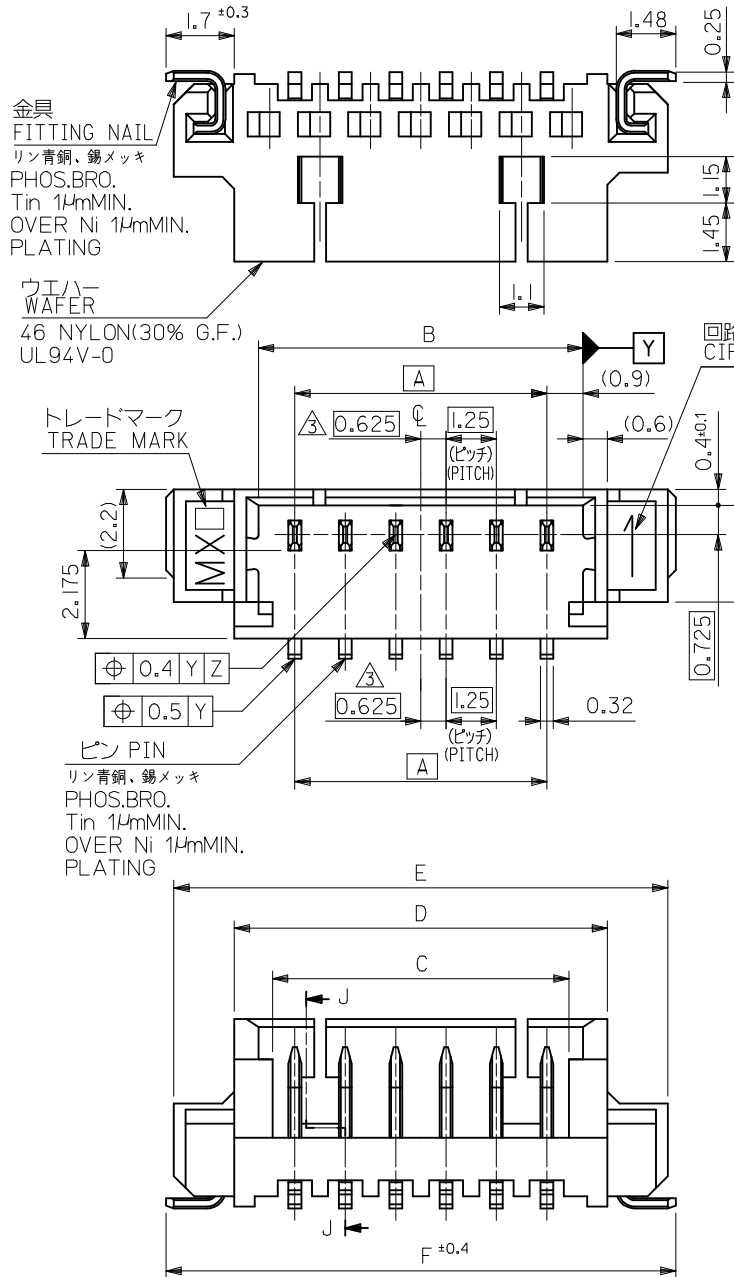
参考基板レイアウト
RECOMMENDED P.C. BOARD PATTERN DIM.(REF.)



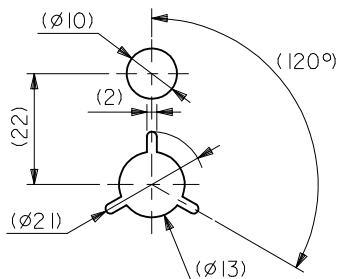
2極 2 CKT.
3極 3 CKT.
△ ロック形状図
LOCK CONFIGURATION

23.9	23.5	20.5	18.6	19.3	17.5	53398-154*		53398-*159		15
22.65	22.25	19.25	17.35	18.05	16.25	▲ -144*		▲ -*149		14
21.4	21	18	16.1	16.8	15	-134*		-*139		13
20.15	19.75	16.75	14.85	15.55	13.75	-124*		-*129		12
18.9	18.5	15.5	13.6	14.3	12.5	-114*		-*119		11
17.65	17.25	14.25	12.35	13.05	11.25	-104*		-*109		10
16.4	16	13	11.1	11.8	10	-094*		-*099		9
15.15	14.75	11.75	9.85	10.55	8.75	-084*		-*089		8
13.9	13.5	10.5	8.6	9.3	7.5	-074*		-*079		7
12.65	12.25	9.25	7.35	8.05	6.25	-064*		-*069		6
11.4	11	8	6.1	6.8	5	-054*		-*059		5
10.15	9.75	6.75	4.85	5.55	3.75	-044*		-*049		4
8.9	8.5	5.5	3.6	4.3	2.5	-034*		-*039		3
7.65	7.25	4.25	2.35	3.05	1.25	▼ 53398-024*		▼ 53398-*029		2
F	E	D	C	B	A	MATERIAL NO.		MATERIAL NO.		極数 NO. OF CKTS.
						MODEL NO.	53398-***4	MODEL NO.	53398-***9	
						COLOR 3: 黄 YELLOW 4: 青(紫) BLUE(PURPLE) 6: 緑 GREEN	COLOR 8: 黒 BLACK 9: 赤 RED			

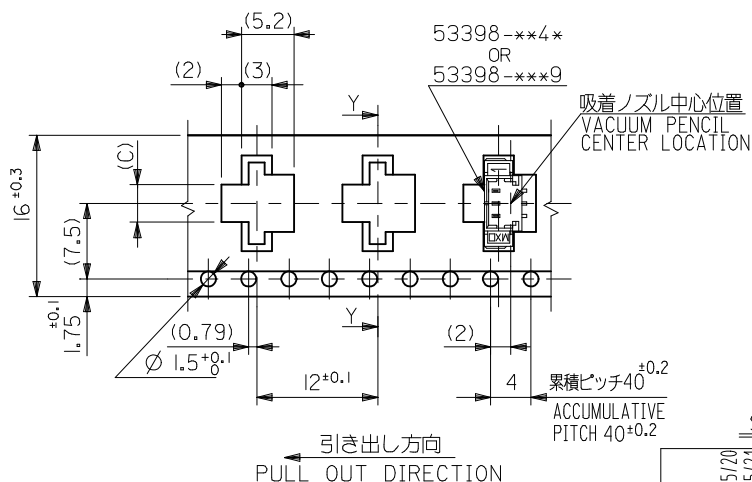
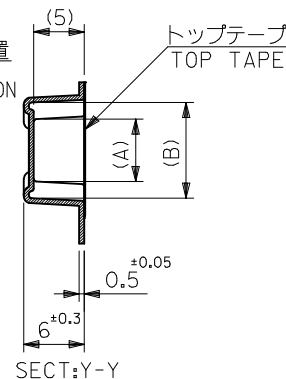
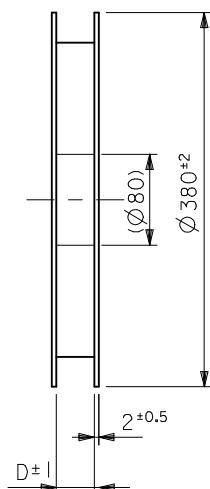
REVISED EC NO.: J2017-0403 DRAWN: S08ARA01 CHKD: AIDA APPR: TRANEKO	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		0.25 UNDER	UNDER	±0.03	DRAWN BY	DATE	TITLE PICOBLADE 1.25 HEADER ASSY SMT ST TYPE molex				
		0.25 OVER	0.5 UNDER	±0.05	M.UMEDA	2005/02/17					
		0.5 OVER	1.0 UNDER	±0.1	CHECKED BY	DATE					
		1.0 OVER	10 UNDER	±0.2	K.TOYODA	2005/02/17					
		10 OVER	30 UNDER	±0.25	APPROVED BY	DATE	DOCUMENT NO. SD-53398-038				
		30 OVER		±0.3	N.UKITA	2005/02/17					
		ANGULAR ±3 °			MATERIAL NO.		SHEET NO. 1 OF 1				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3						
		REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



10 9 8 7 6 5 4 3 2 1

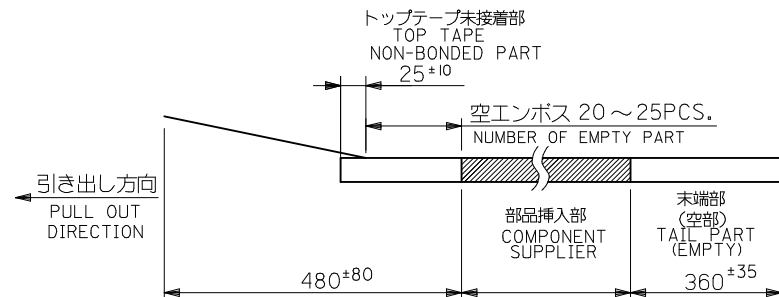
引き出し方向
PULL OUT DIRECTION

DETAIL "F"

16幅テープ
(TAPE WIDTH:16)

NOTES

1. 梱包数量: 1000個/リール
NUMBER OF CONNECTOR: 1000PCS/REEL
2. リードテープ長さ
LEAD TAPE LENGTH



3. トップテープの剥離強度: 0.6±0.35N(60±35gf) (剥離方向は下図参照)
PEELING OFF FORCE OF TOP TAPE: 0.6±0.35N(60±35gf)
(PEELING DIRECTION IS SHOWN IN FOLLOWING FIG.)

<剥離速度: 300mm/min (参考)>
PEELING SPEED: 300mm/min.
(REFERENCE)

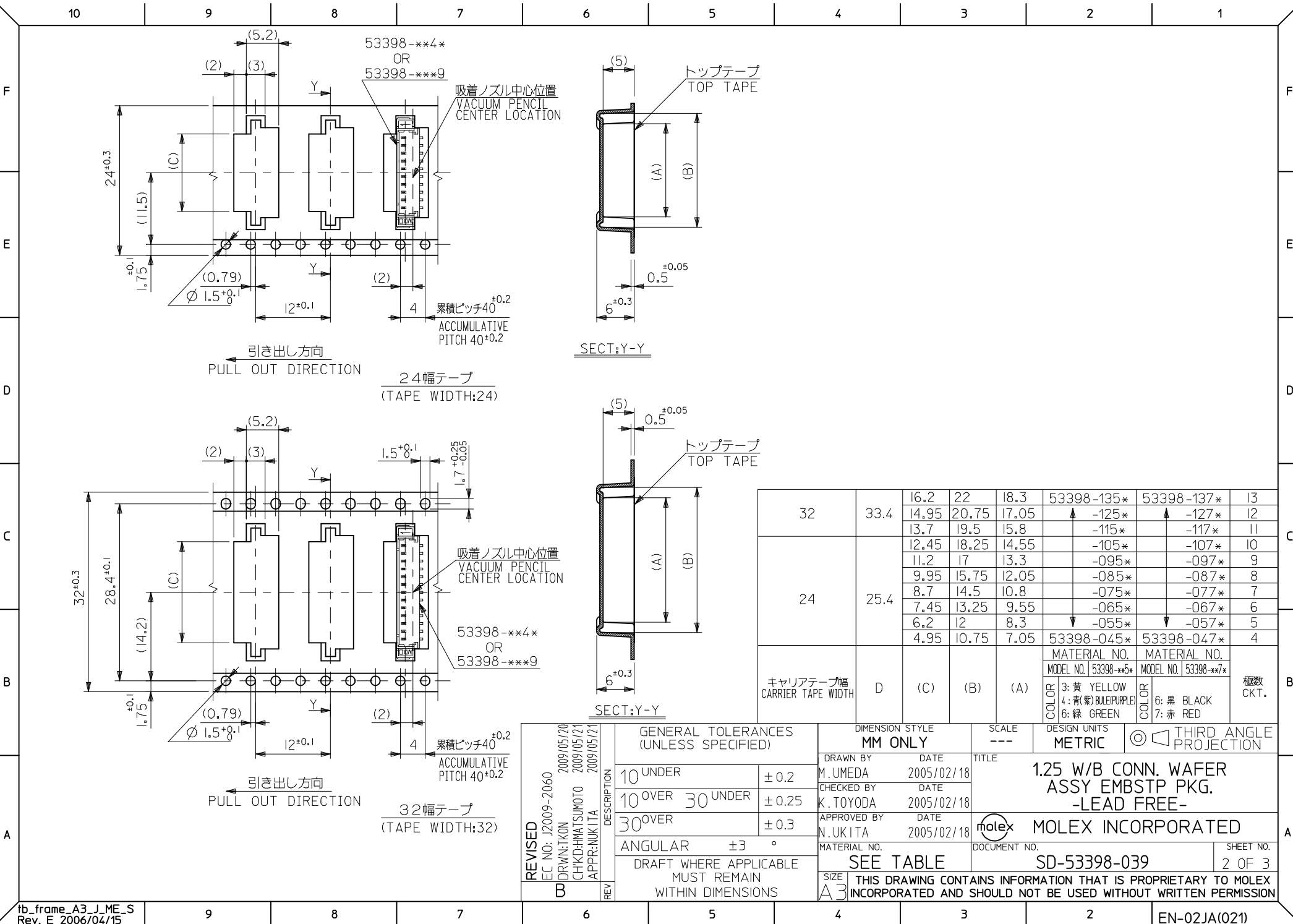


4. 製品詳細寸法は製品単体図面を参照して下さい。
For detail of connector dimensions, please see the drawing of connector itself (not packaged).

5. 材料 (MATERIAL)
キャリアテープ (CARRIER TAPE): ポリプロピレン (POLYPROPYLENE)
トップテープ (TOP TAPE): PET, PE, PEF
リール (REEL): ポリスチレン (P.S.) <リサイクル材含む>
POLYSTYRENE (P.S.) <RECYCLE MATERIAL CONTAINED>
6. 本製品は乾燥剤入り、ハイバリア梱包仕様である。
THIS PRODUCT IS HIGH BARRIER PACKAGE WITH DESICCANT.

16	17.4	3.7 2.45	9.5 8.25	5.8 4.55	53398-035*	53398-037*	3
					53398-025*	53398-027*	2
キャリアテープ幅 CARRIER TAPE WIDTH	D	(C)	(B)	(A)	MATERIAL NO.	MATERIAL NO.	極数 CKT.
					MODEL NO. 53398-xx5*	MODEL NO. 53398-xx7*	
					COLOR 3: 黄 YELLOW 4: 青(紫) BLUE(PURPLE) 6: 緑 GREEN	COLOR 6: 黒 BLACK 7: 赤 RED	

REVISED	EC NO. J2009-2060	DRWN:TKN	2009/05/20	CHKD:HMATSUMOTO	2009/05/21	APPR:NUKITA	2009/05/21	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION									
									10 UNDER	± 0.2	DRAWN BY	DATE	TITLE 1.25 W/B CONN. WAFER ASSY EMBSTP PKG. -LEAD FREE-											
									10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE												
									30 OVER	± 0.3	APPROVED BY	DATE	MOLEX INCORPORATED											
									ANGULAR ±3 °		MATERIAL NO.	DOCUMENT NO.					SHEET NO.							
									DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-53398-039		1 OF 3									
									REV								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
									B								A3							



32	33.4	16.2	22	18.3	53398-135*	53398-137*	I3
		14.95	20.75	17.05	-125*	-127*	I2
		13.7	19.5	15.8	-115*	-117*	I1
		12.45	18.25	14.55	-105*	-107*	I0
24	25.4	11.2	17	13.3	-095*	-097*	9
		9.95	15.75	12.05	-085*	-087*	8
		8.7	14.5	10.8	-075*	-077*	7
		7.45	13.25	9.55	-065*	-067*	6
		6.2	12	8.3	-055*	-057*	5
		4.95	10.75	7.05	53398-045*	53398-047*	4
キャリアテープ幅 CARRIER TAPE WIDTH	D	(C)	(B)	(A)	MATERIAL NO.		種数 CKT.
					MODEL NO. 53398-***5*	MODEL NO. 53398-***7*	
					COLOR 3: 黄 YELLOW 4: 青(紫) BLUE(PURPLE) 6: 緑 GREEN	COLOR 6: 黒 BLACK 7: 赤 RED	

REVISED EC NO: J2009-2060 DRWN:TKN CHKD:HMATSUMOTO APPR:NUKITA REV	DESCRIPTION 2009/05/20 2009/05/21 2009/05/21	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	M.UMEDA	2005/02/18	TITLE 1.25 W/B CONN. WAFER ASSY EMBSTP PKG. -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE					
		30 OVER	± 0.3	K.TOYODA	2005/02/18	MOLEX INCORPORATED				
		ANGULAR ±3 °		APPROVED BY	DATE					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		N.UKITA	2005/02/18	SD-53398-039				
				MATERIAL NO.						
		SEE TABLE								
		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

10 9 8 7 6 5 4 3 2 1

F F

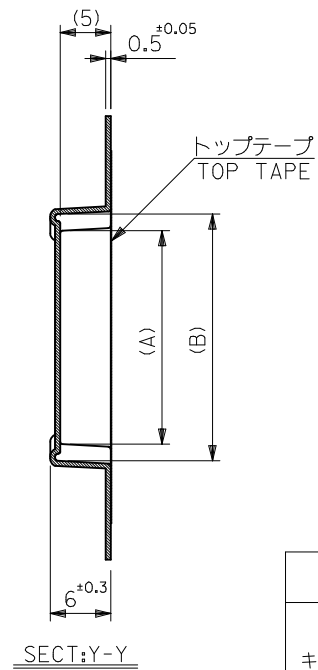
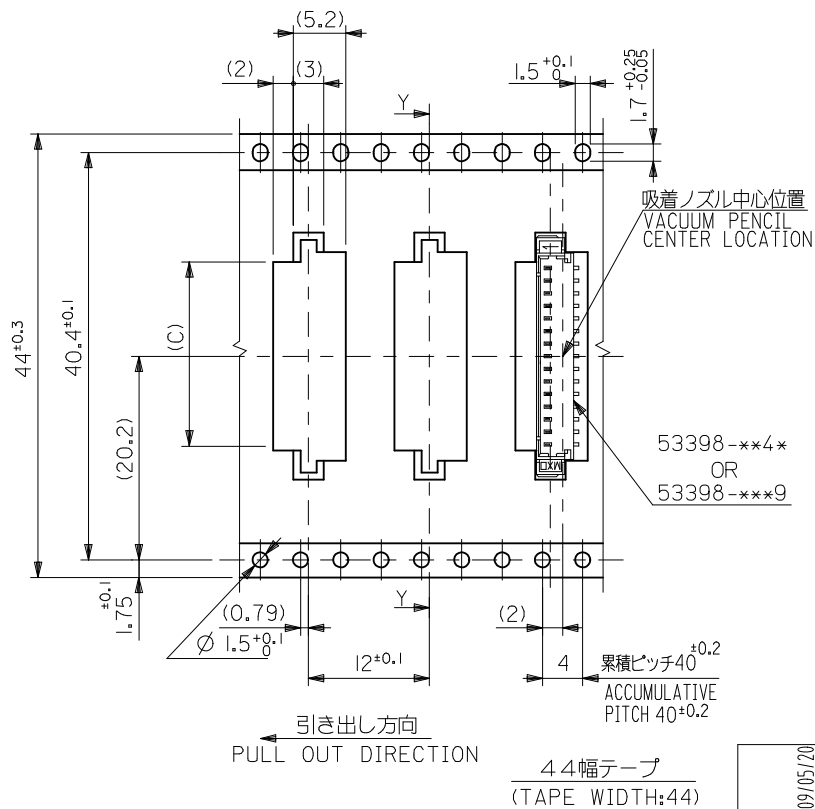
E E

D D

C C

B B

A A



44	45.4	18.7	24.5	20.8	53398-155*	53398-157*	15
		17.45	23.25	19.55	53398-145*	53398-147*	14
キャリアテープ幅 CARRIER TAPE WIDTH		D	(C)	(B)	(A)	MATERIAL NO.	MATERIAL NO.
						MODEL NO. 53398-xx5*	MODEL NO. 53398-xx7*
						3: 黄 YELLOW 4: 青(紫) BLUE(PURPLE) 6: 緑 GREEN	6: 黒 BLACK 7: 赤 RED
						種数 CKT.	

REVISED EC NO: J2009-2060 2009/05/20 DRWN:TKON CHKD:HMATSUMOTO 2009/05/21 APPR:NUKITA 2009/05/21 REV B	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		10 UNDER	±0.2	DRAWN BY M.UMEDA	DATE 2005/02/18	TITLE 1.25 W/B CONN. WAFER ASSY EMBSTP PKG. -LEAD FREE-					
		10 OVER 30 UNDER	±0.25	CHECKED BY K.TOYODA	DATE 2005/02/18						
		30 OVER	±0.3	APPROVED BY N.UKITA	DATE 2005/02/18	MOLEX MOLEX INCORPORATED					
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-53398-039		3 OF 3				
	REV				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					