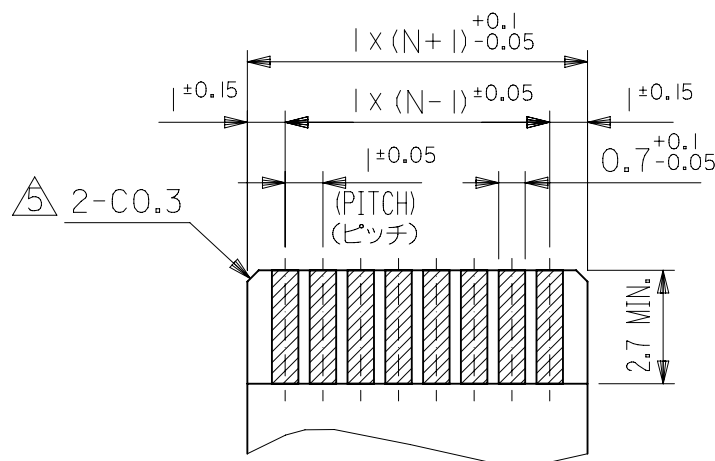


36.6	34.85	31.2	29	52610-30	34	30
34.6	32.85	29.2	27	-28	34	28
32.6	30.85	27.2	25	-26	34	26
31.6	29.85	26.2	24	-25	34	25
30.6	28.85	25.2	23	-24	34	24
26.6	24.85	21.2	19	-20	34	20
25.6	23.85	20.2	18	-19	34	19
22.6	20.85	17.2	15	-16	34	16
20.6	18.85	15.2	13	-14	34	14
16.6	14.85	11.2	9	-10	34	10
15.6	13.85	10.2	8	-09	34	9
14.6	12.85	9.2	7	-08	34	8
13.6	11.85	8.2	6	-07	34	7
D	(C)	B	(A)	EMBOSSED PACKAGE		極数
				ORDER No. オーダー番号		CKT.

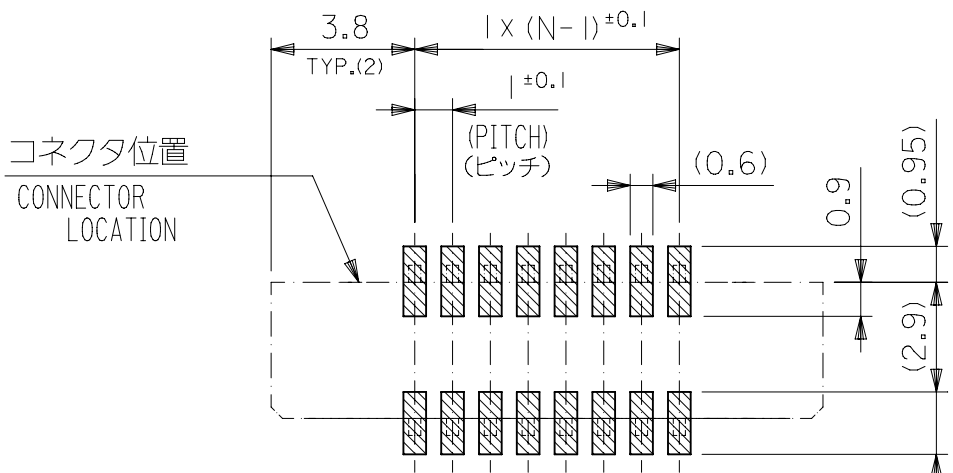
CONNECTOR SERIES NO. : 52610-**23

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

<table border="1"> <tr><th>DIMENSION UNITS</th><th>SCALE</th></tr> <tr><td>mm</td><td>NTS</td></tr> <tr><th colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</th></tr> <tr><td>4 PLACES</td><td>±</td></tr> <tr><td>3 PLACES</td><td>±</td></tr> <tr><td>2 PLACES</td><td>±</td></tr> <tr><td>1 PLACE</td><td>±</td></tr> <tr><td>0 PLACES</td><td>±</td></tr> <tr><td colspan="2">ANGULAR TOL ± 3.0°</td></tr> <tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td></tr> </table>	DIMENSION UNITS	SCALE	mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)		4 PLACES	±	3 PLACES	±	2 PLACES	±	1 PLACE	±	0 PLACES	±	ANGULAR TOL ± 3.0°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CURRENT REV DESC: MIGRATED TO NX EC NO: 626177 DRWN: RPRABHUM 2019/10/03 CHK'D: GGA 2019/10/30 APPR: GGA 2019/10/30 INITIAL REVISION: DRWN: AISHII 2013/02/20 APPR: KMORIKAWA 2013/03/15	
DIMENSION UNITS	SCALE																					
mm	NTS																					
GENERAL TOLERANCES (UNLESS SPECIFIED)																						
4 PLACES	±																					
3 PLACES	±																					
2 PLACES	±																					
1 PLACE	±																					
0 PLACES	±																					
ANGULAR TOL ± 3.0°																						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																						
GENERAL TOLERANCES (UNLESS SPECIFIED) 10 ^{UNDER} ±0.2 10 ^{OVER} 30 ^{UNDER} ±0.25 30 ^{OVER} ±0.3	THIRD ANGLE PROJECTION 	1.0 FPC CONN ZIF S/T HOUSING ASSY PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-52610-050 DOC TYPE: PSD DOC PART: 001 REVISION: B1 MATERIAL NUMBER: SEE SHEET 2 CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 2																				

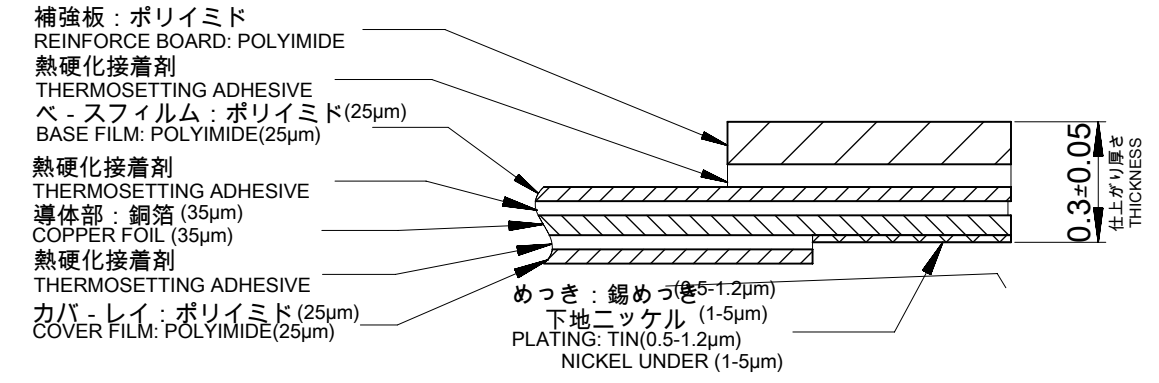


適合FPC推奨寸法
APPLICABLE FPC RECOMMENDED DIM.
仕上がり厚さ(THICKNESS) : 0.3 ± 0.05



推奨基板レイアウト
RECOMMENDED P.C. BOARD
PATTERN DIMENSION.(REF.)

マスク厚 : 120µm
マスク開口率 : 100%
SCREEN THOCKNESS : 120 MICROMETER
SCREEN OPEN RATIO : 100%



FPC構成推奨仕様
STRUCTURE OF FPC

注記 (NOTES):

- 材質 MATERIAL
ハウジング : ポリアミド (PA), ナチュラル (白色), ガラス充填, UL94V-0
HOUSING : POLYAMIDE, NATURAL(WHITE), GLASS FILLED, UL94V-0
アクチュエータ : ポリフェニレンサルファイド (PPS), ナチュラル (茶色), ガラス充填, UL94V-0
ACTUATOR : POLYPHENYLENE SULFID, NATURAL(BROWN), GLASS FILLED, UL94V-0
ターミナル : リン青銅 (t=0.32)
TERMINAL : PHOSPHOR BRONZE(t=0.32)
- めっき仕様 PLATING
ターミナル TERMINAL
錫銀ビスマスめっき (1.0µm以上)
TIN SILVER BISMUTH PLATING (1.0 MICROMETER MINIMUM)
下地 : ニッケルめっき (1.0µm以上)
UNDER PLATING : NICKEL PLATING (1.0 MICROMETER MINIMUM)
- 3 ソルダータール半田付け面のズレ量は、基準面Fに対し上方向0.05MAX., 下方向0.15MAX.とする。
MISALIGNMENT OF SOLDER TAILS FROM F UPPER DIRECTION : 0.05 MAX. LOWER DIRECTION : 0.15 MAX.
- 4 偶数極に適用
APPLY FOR EVEN CIRCUIT.
- 5 R0.3はFPCの導体部にかからないこと。
R0.3 MUST NOT BE OVERLAPED TO PATTERN OF FPC.
- 6 エンボステープ梱包時は、アクチュエータがロックした状態とする。
IN THE PACKAGE, ACTUATOR OF PART NO.52610-**23 SHOULD BE LOCKED.
- 7 ソルダータールの平坦度は0.1mm以下とする。
SOLDERTAIL COPLANARITY IS 0.1MM MAXIMUM.

FPCについて ABOUT FPC

打ち抜き方向は導体側から補強板側を推奨します。
導体部については軟箔銅35µmまたは50µmを推奨します。
補強フィルム材質はポリイミドを推奨します。ベースフィルムは25µmを推奨します。
接着剤は熱硬化接着剤を推奨します。
尚、接着剤の接点部への付着は導通不良の原因になりますので、染み出しが無い様、お願い致します。
RECOMMENDED PUNCHING DIRECTION: FROM CONDUCTOR SIDE TO STIFFENER SIDE
RECOMMENDED CONDUCTOR SPEC: SOFT COPPER FOIL
RECOMMENDED CONDUCTOR THICKNESS: 35 MICROMETER OR 50 MICROMETER
RECOMMENDED STIFFENER MATERIAL: POLYIMIDE
RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER
RECOMMENDED ADHESIVE: THERMOSETTING ADHESIVE
NOTE: PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND BECAUSE THERE IS A POSSIBILITY THAT THE EXTRA ADHESIVE CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.

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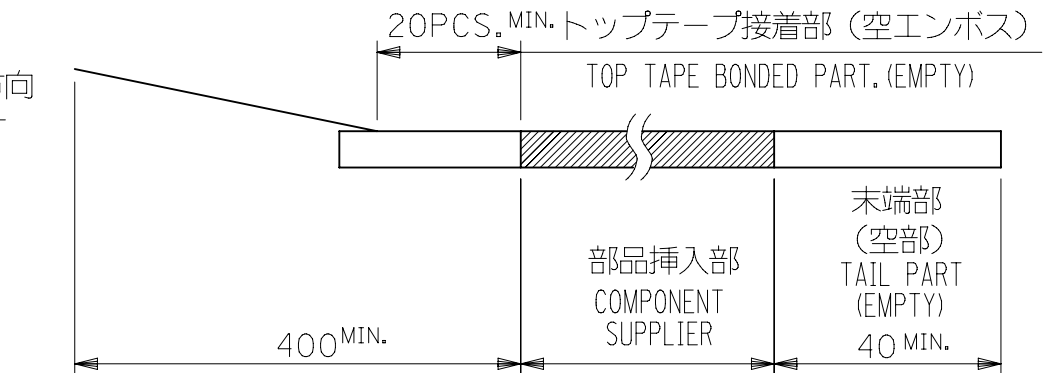
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX		molex	
mm		NTS					
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 626177		1.0 FPC CONN ZIF S/T HOUSING ASSY	
				DRWN: RPRABHUM 2019/10/03			
				CHK'D: GGA 2019/10/30			
				APPR: GGA 2019/10/30		PRODUCT CUSTOMER DRAWING	
				INITIAL REVISION:		DOCUMENT NUMBER	
				DRWN: AISHII 2013/02/20		SD-52610-050	
				APPR: KMORIKAWA 2013/03/15		DOC TYPE DOC PART REVISION	
						PSD 001 B1	
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 3.0°		THIRD ANGLE PROJECTION		MATERIAL NUMBER	
10 UNDER ± 0.2				DRAWING		CUSTOMER	
10 OVER 30 UNDER ± 0.25				A3-SIZE		SERIES	
30 OVER ± 0.3		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		52610		SHEET NUMBER	
DOCUMENT STATUS		P1		RELEASE DATE		2019/10/30 07:02:53	
SEE SHEET 2		GENERAL MARKET		2 OF 2			

NOTES

1. 52610-**23のアクチュエータはハウジング内に押し下げた状態とする。
 詳細寸法については図面SD-52610-050をご参照ください。
 ACTUATOR OF PART NO. 52610-**23 SHOULD BE LOCKED.
 RE DETAILED DIMENSIONS, SEE SD-52610-050

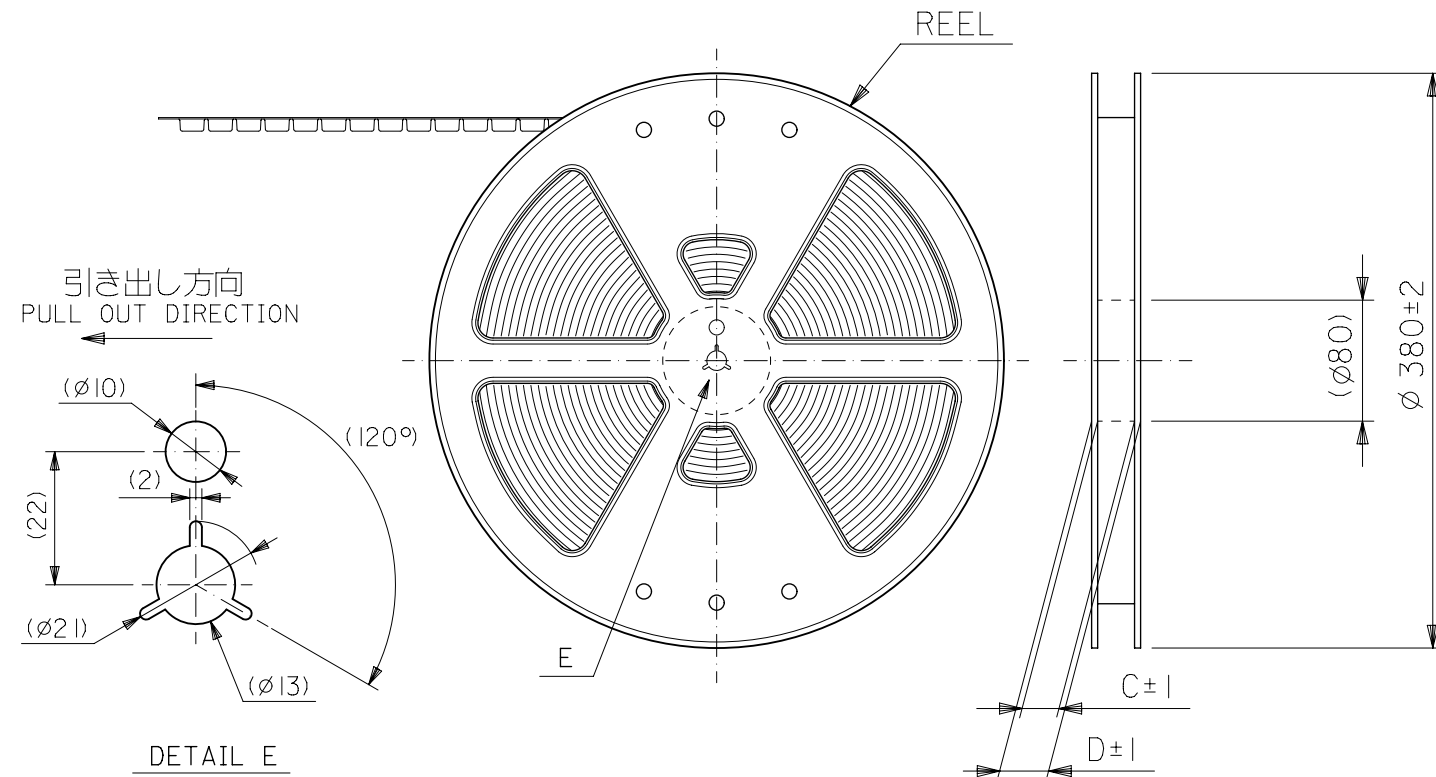
2. 梱包数量：1000個 / リール
 NUMBER OF CONNECTORS : 1000PCS/REEL

3. リードテープ長さ
 LEAD TAPE LENGTH



4. カバーテープの剥離強度については、IEC60286-3に準拠
 COVER TAPE PEEL FORCE IS DEFINED BY IEC60286-3.

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(PS)<リサイクル材を含む>
 POLYSTYREN(PS) <RECYCLE MATERIAL CONTAINED>

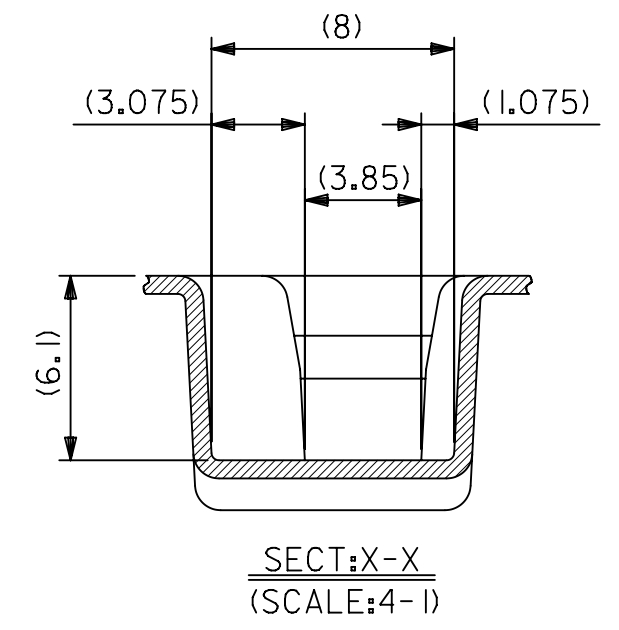
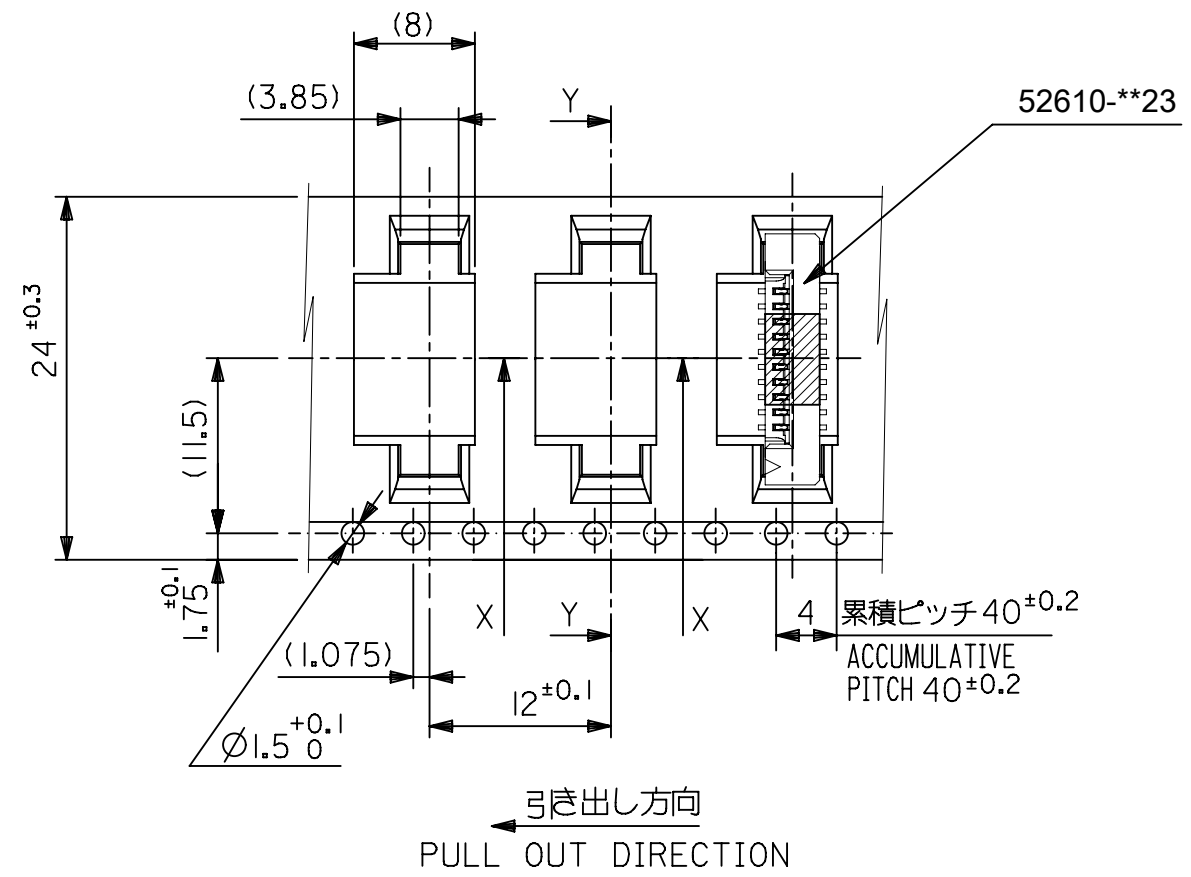
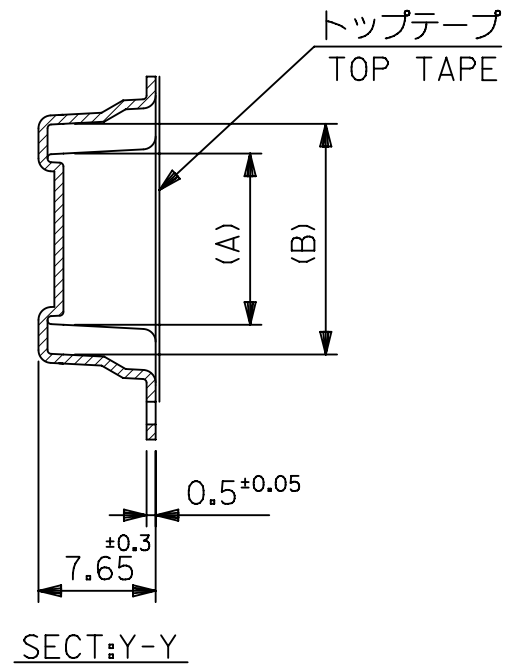


引き出し方向
 PULL OUT DIRECTION

引き出し方向
 PULL OUT DIRECTION

DETAIL E

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: MIGRATED TO NX		molex	
DIMENSION UNITS: mm		SCALE: NTS			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 626177		EMBOSS TAPE PACKAGED FOR 1.0 FPC CONN ZIF S/T HOUSING ASSY	
4 PLACES ±		DRWN: RPRABHUM 2019/10/03		PRODUCT CUSTOMER DRAWING	
3 PLACES ±		CHK'D: GGA 2019/10/30		DOCUMENT NUMBER: SD-52610-051	
2 PLACES ±		APPR: GGA 2019/10/30		DOC TYPE: PSD	
1 PLACE ±		INITIAL REVISION:		DOC PART: 001	
0 PLACES ±		DRWN: AISHII 2013/02/20		REVISION: A	
ANGULAR TOL ± 3.0°		APPR: KMORIKAWA 2013/03/15		MATERIAL NUMBER: SEE CHART	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		CUSTOMER: GENERAL MARKET	
10 ^{UNDER} ±0.2		DRAWING: A3-SIZE		SHEET NUMBER: 1 OF 5	
10 ^{OVER} 30 ^{UNDER} ±0.25		SERIES: 52610			
30 ^{OVER} ±0.3					



24	29.4	25.4	15.25	11.32	52610-1034	10
			14.25	10.32	52610-0934	9
			13.25	9.32	52610-0834	8
			12.25	8.32	52610-0734	7
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL. NO.	極数 CKT.

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CURRENT REV DESC: MIGRATED TO NX

molex

EMBOSS TAPE PACKAGED FOR
1.0 FPC CONN ZIF S/T HOUSING ASSY

PRODUCT CUSTOMER DRAWING

EC NO: 626177
DRWN: RPRABHUM 2019/10/03
CHK'D: GGA 2019/10/30
APPR: GGA 2019/10/30

INITIAL REVISION:
DRWN: AISHII 2013/02/20
APPR: KMORIKAWA 2013/03/15

DOCUMENT NUMBER: SD-52610-051
DOC TYPE: PSD
DOC PART: 001
REVISION: A

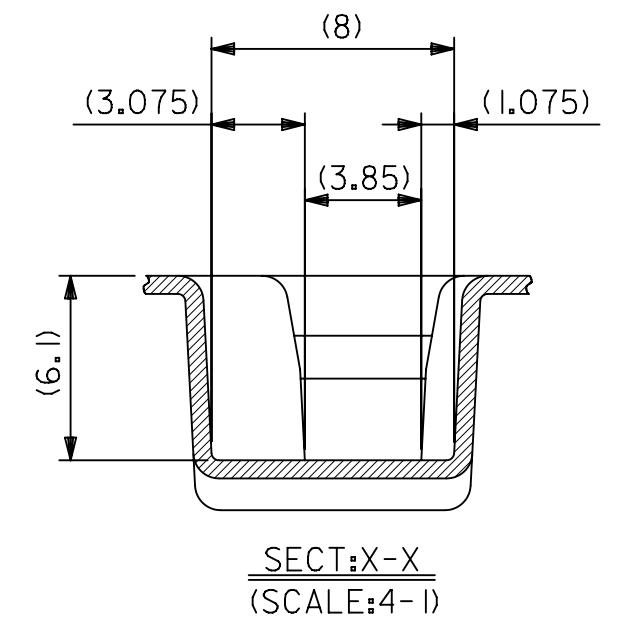
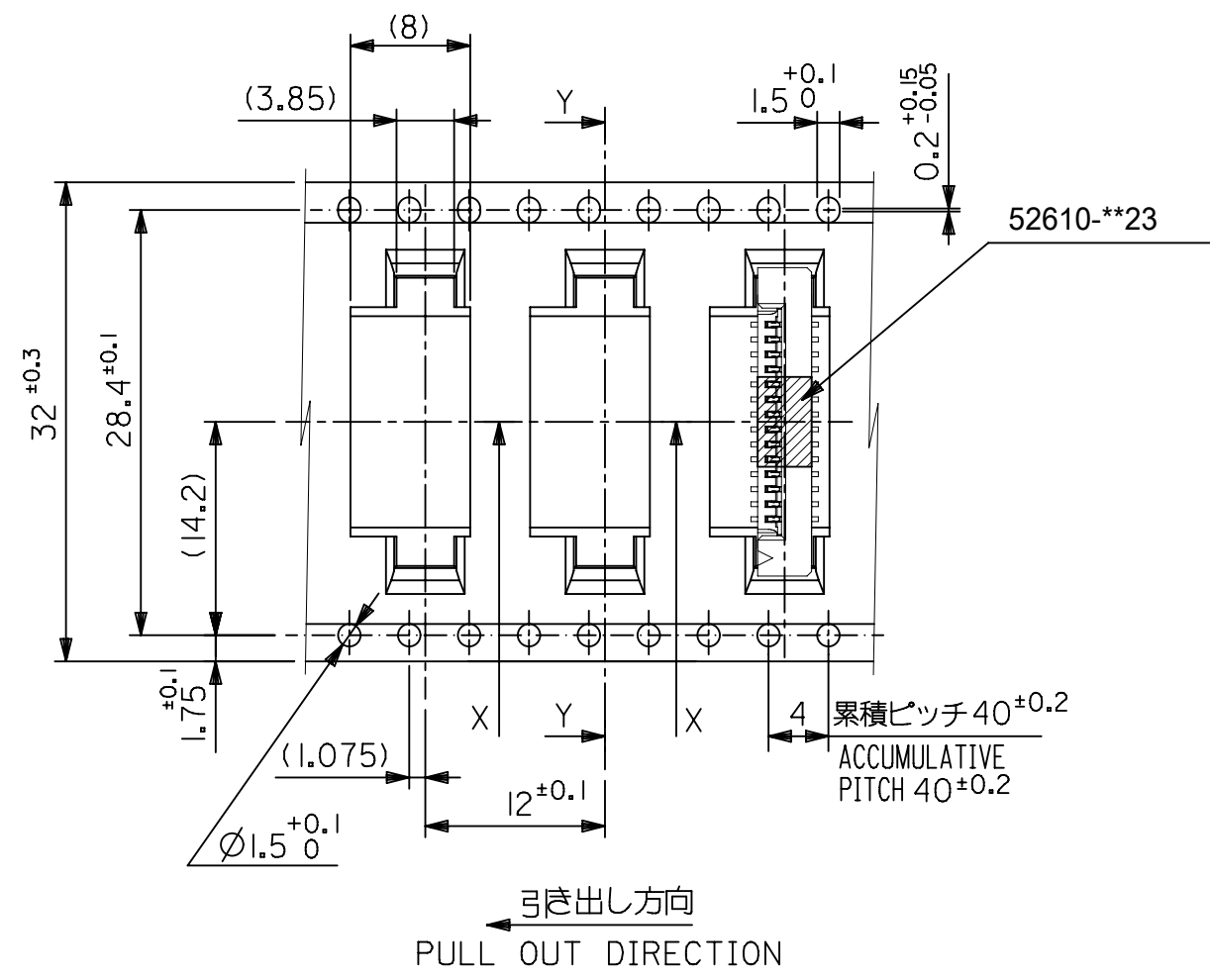
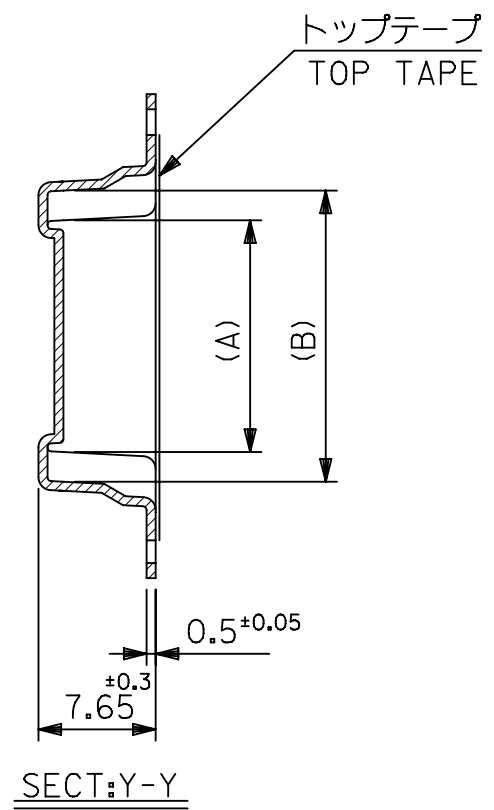
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING: A3-SIZE
SERIES: 52610
MATERIAL NUMBER: SEE CHART
CUSTOMER: GENERAL MARKET
SHEET NUMBER: 2 OF 5

GENERAL TOLERANCES (UNLESS SPECIFIED)

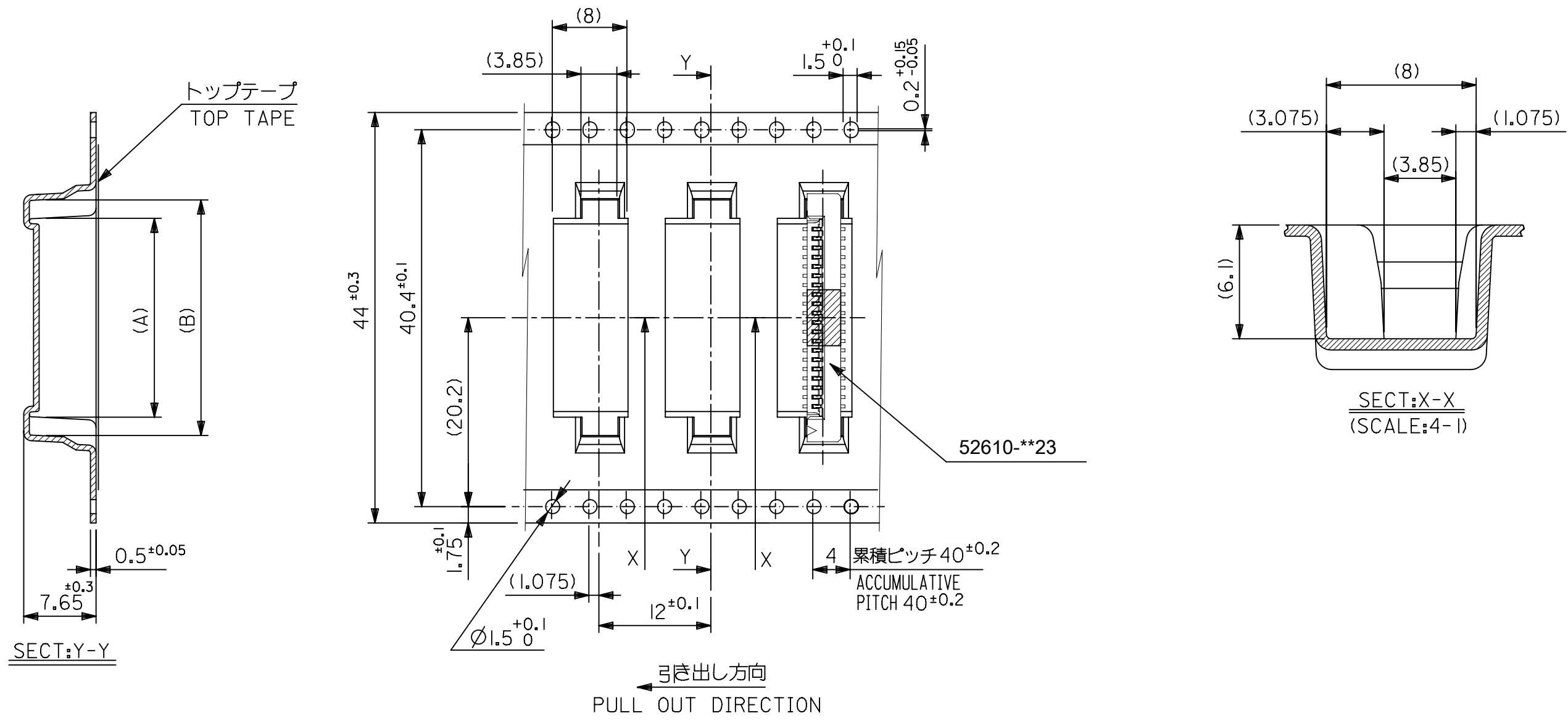
10 ^{UNDER}	±0.2
10 ^{OVER} 30 ^{UNDER}	±0.25
30 ^{OVER}	±0.3



32	37.4	33.4	19.25	15.32	52610-1434	14
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL. NO.	極数 CKT.

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: MIGRATED TO NX								
mm	NTS	<p>molex</p> <p>EMBOSS TAPE PACKAGED FOR 1.0 FPC CONN ZIF S/T HOUSING ASSY</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: SD-52610-051 DOC TYPE: PSD DOC PART: 001 REVISION: A</p> <p>MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET SHEET NUMBER: 3 OF 5</p>										
GENERAL TOLERANCES (UNLESS SPECIFIED)												
4 PLACES	±											
3 PLACES	±											
2 PLACES	±											
1 PLACE	±	EC NO: 626177	DRWN: RPRABHUM	2019/10/03								
0 PLACES	±	CHK'D: GGA	2019/10/30									
INITIAL REVISION:		APPR: GGA	2019/10/30									
ANGULAR TOL ± 3.0°		DRWN: AISHII	2013/02/20									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: KMORIKAWA	2013/03/15									
THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER						
<table border="1"> <tr> <td>10^{UNDER}</td> <td>±0.2</td> </tr> <tr> <td>10^{OVER} 30^{UNDER}</td> <td>±0.25</td> </tr> <tr> <td>30^{OVER}</td> <td>±0.3</td> </tr> </table>		10 ^{UNDER}	±0.2	10 ^{OVER} 30 ^{UNDER}	±0.25	30 ^{OVER}	±0.3		A3-SIZE	52610	SEE CHART	GENERAL MARKET
10 ^{UNDER}	±0.2											
10 ^{OVER} 30 ^{UNDER}	±0.25											
30 ^{OVER}	±0.3											



44	49.4	45.4	31.25	27.32	52610-2634	26	
			30.25	26.32	52610-2534	25	
			29.25	25.32	52610-2434	24	
			25.25	21.32	52610-2034	20	
			24.25	20.32	52610-1934	19	
			21.25	17.32	52610-1634	16	
キャリアテープ幅 CARRIER TAPE WIDTH		D	C	(B)	(A)	MATERIAL. NO.	極数 CKT.

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SCALE: mm NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

PLACES	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±

ANGULAR TOL ± 3.0°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

CURRENT REV DESC: MIGRATED TO NX

molex

EMBOSS TAPE PACKAGED FOR 1.0 FPC CONN ZIF S/T HOUSING ASSY

PRODUCT CUSTOMER DRAWING

EC NO: 626177
DRWN: RPRABHUM 2019/10/03
CHK'D: GGA 2019/10/30
APPR: GGA 2019/10/30

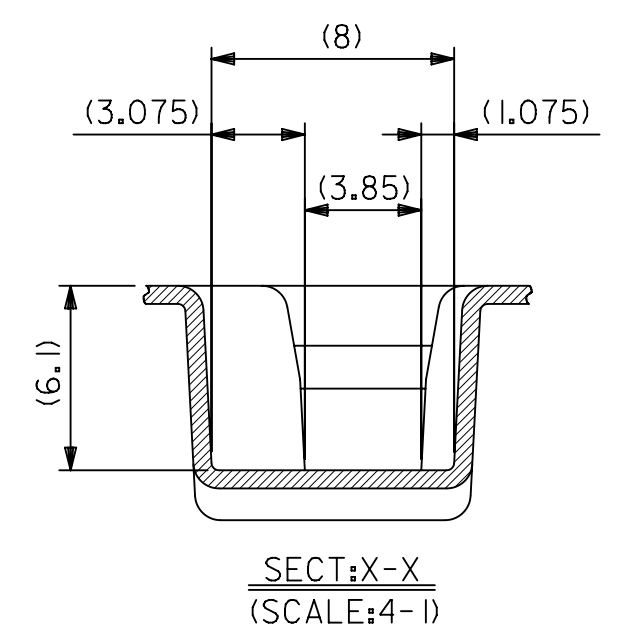
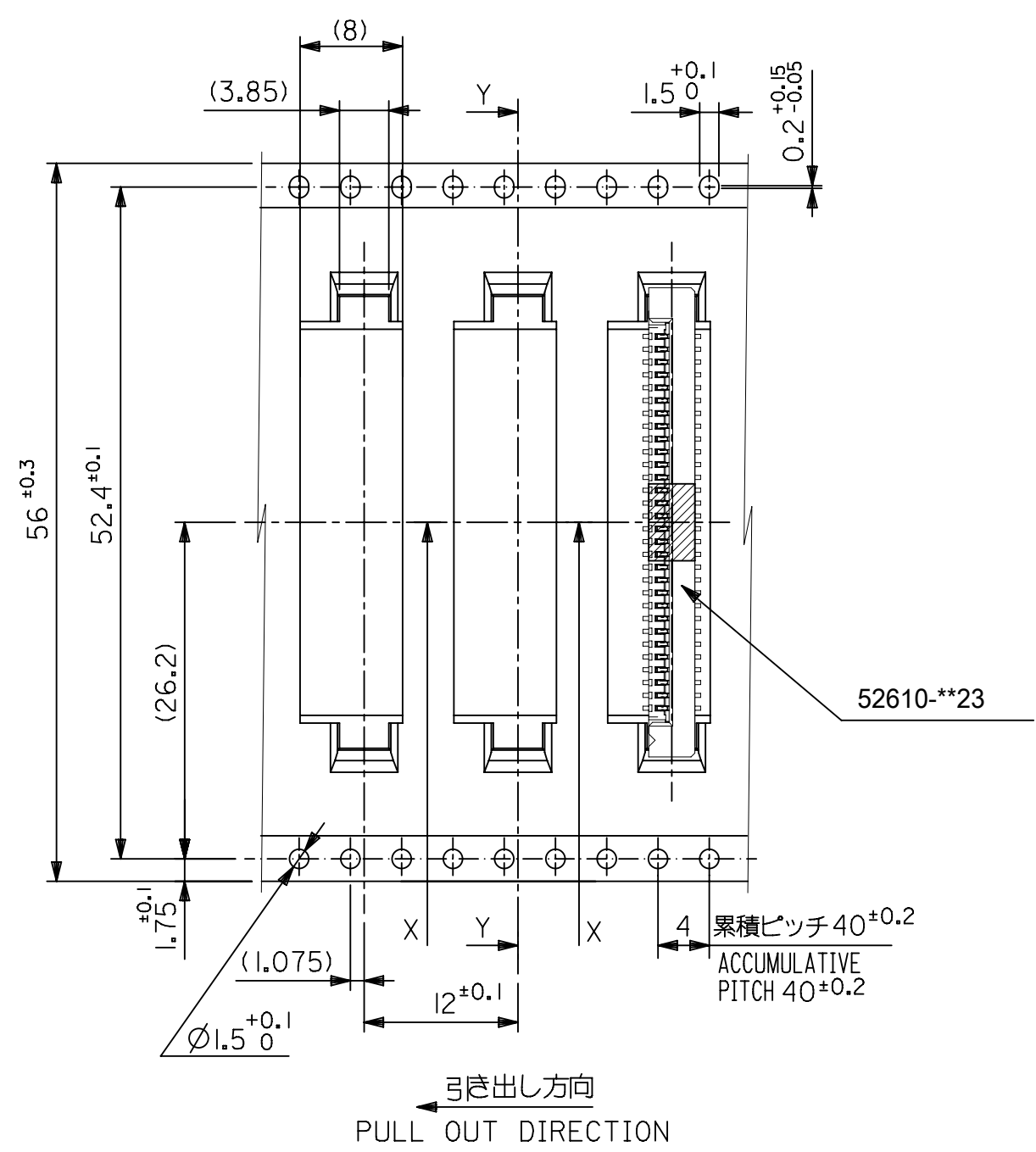
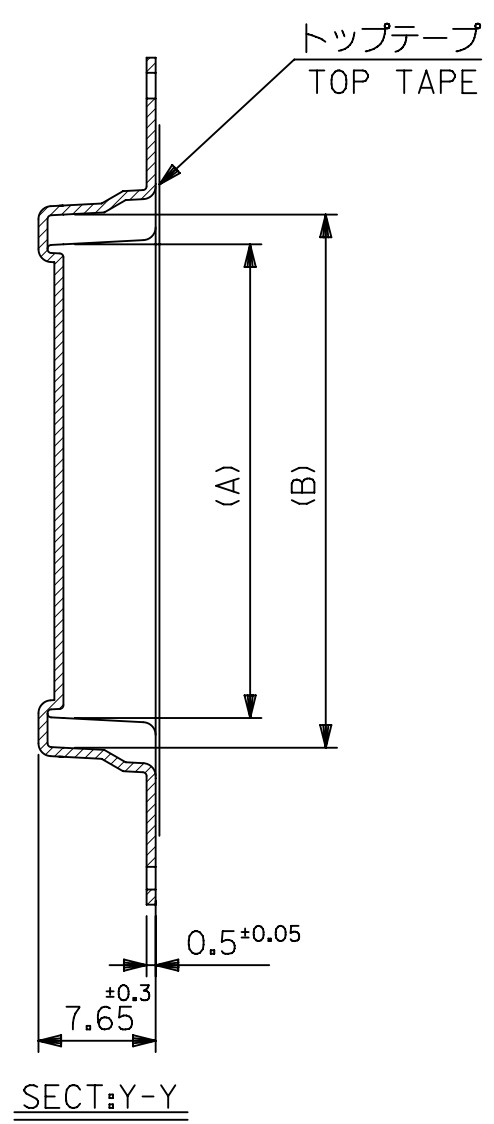
INITIAL REVISION:
DRWN: AISHII 2013/02/20
APPR: KMORIKAWA 2013/03/15

DOCUMENT NUMBER: SD-52610-051
DOC TYPE: PSD
DOC PART: 001
REVISION: A

MATERIAL NUMBER: SEE CHART
CUSTOMER: GENERAL MARKET
SHEET NUMBER: 4 OF 5

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 ^{UNDER}	±0.2
10 ^{OVER} 30 ^{UNDER}	±0.25
30 ^{OVER}	±0.3



56	61.4	57.4	35.25	31.32	52610-3034	30
			33.25	29.32	52610-2834	28
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL. NO.	極数 CKT.

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CURRENT REV DESC: MIGRATED TO NX

molex

EMBOSS TAPE PACKAGED FOR
1.0 FPC CONN ZIF S/T HOUSING ASSY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-52610-051 | DOC TYPE: PSD | DOC PART: 001 | REVISION: A

MATERIAL NUMBER: SEE CHART | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 5 OF 5

EC NO: 626177 | DRWN: RPRABHUM | 2019/10/03
CHK'D: GGA | 2019/10/30
APPR: GGA | 2019/10/30

INITIAL REVISION:
DRWN: AISHII | 2013/02/20
APPR: KMORIKAWA | 2013/03/15

DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

PLACES	TOLERANCE
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

ANGULAR TOL ± 3.0°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING: A3-SIZE | SERIES: 52610

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 ^{UNDER}	±0.2
10 ^{OVER} 30 ^{UNDER}	±0.25
30 ^{OVER}	±0.3