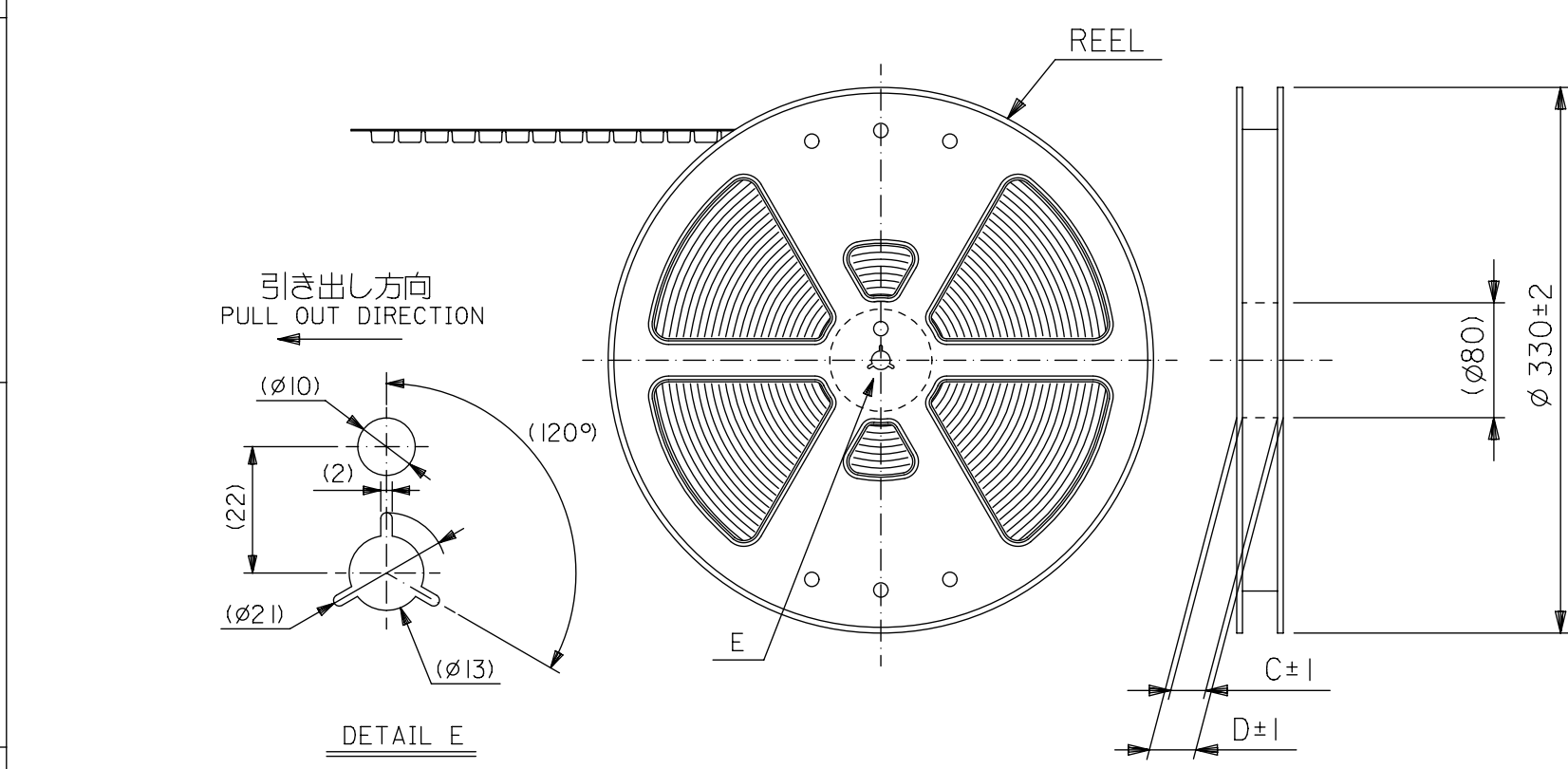




5. 材料 キャリアテープ：ポリプロピレン（PP）
 トップテープ：PET，PE，PEF
 リール：ポリスチレン（PS）＜リサイクル材を含む＞

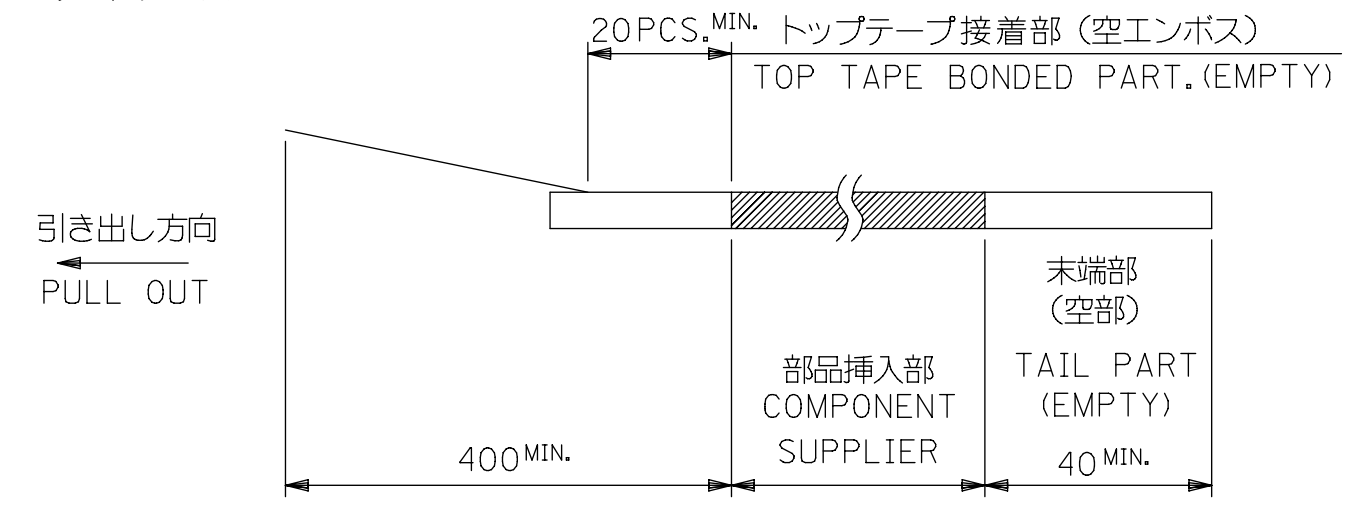
MATERIAL CARRIER TAPE:POLYPROPYLENE
 TOP TAPE:PET,PE,PEF
 REEL:POLYSTYREN(PS)
 <RECYCLE MATERIAL CONTAINED>

6. 本製品は 52559-**-92の鉛フリー品である。
 THIS PRODUCT IS LEAD FREE OF 52559-**-92

7.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.

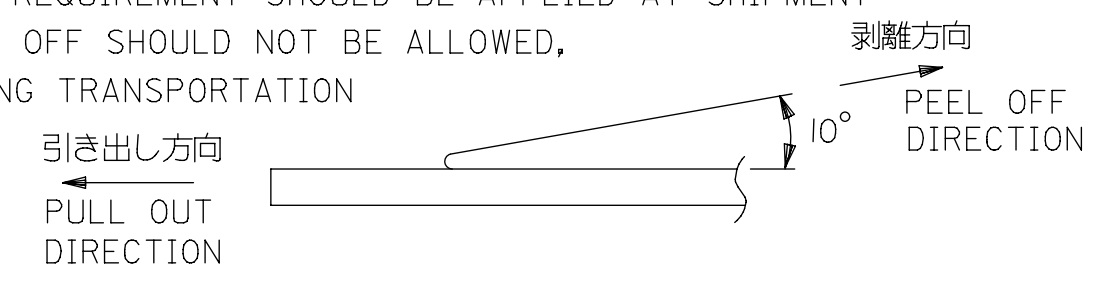
注記 NOTES

- 製品番号 52559-**-19 の梱包状態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.52559-**-19 SHOULD BE LOCKED
- 梱包数量：1000個／リール
NUMBER OF CONNECTORS:1000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH

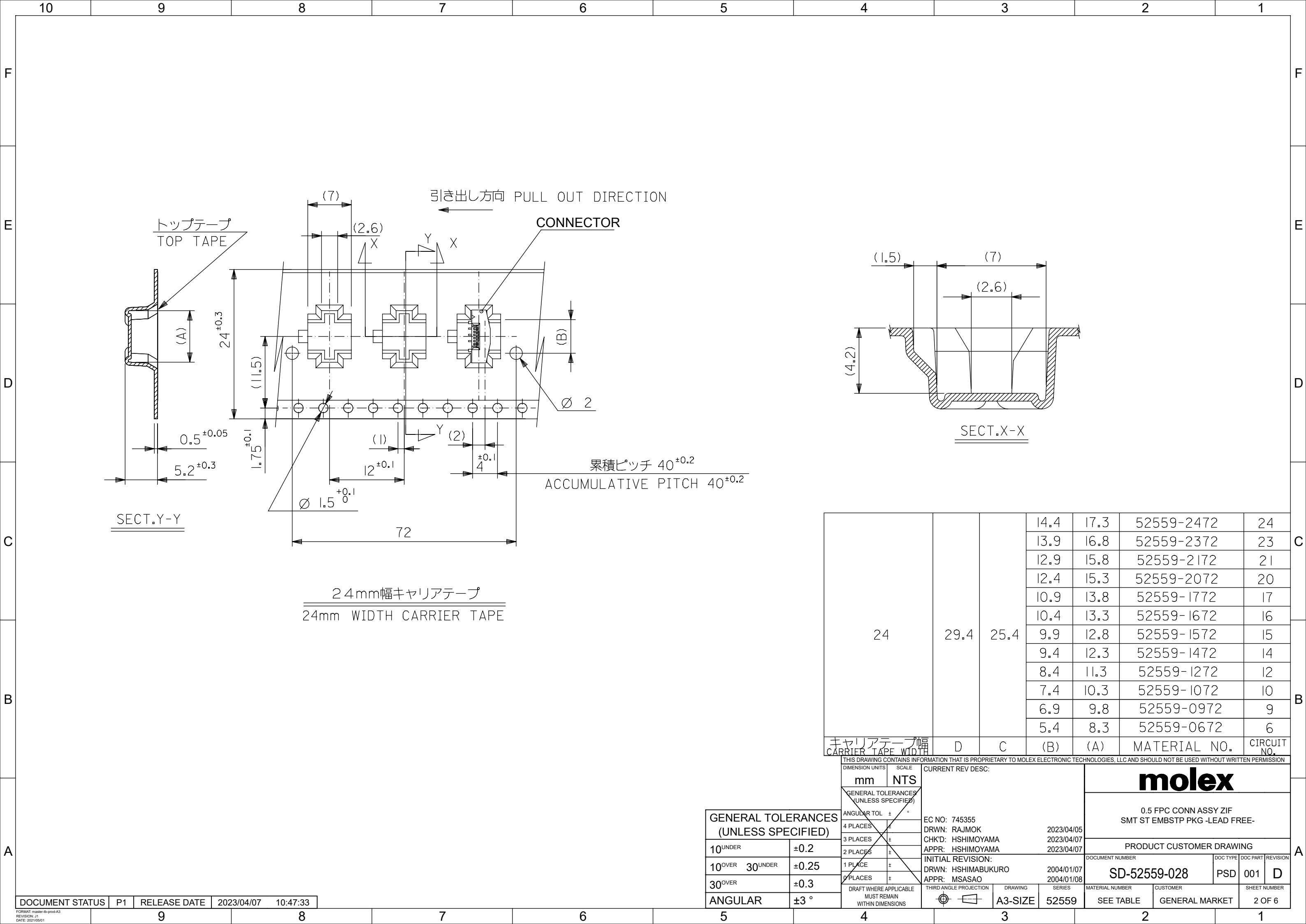


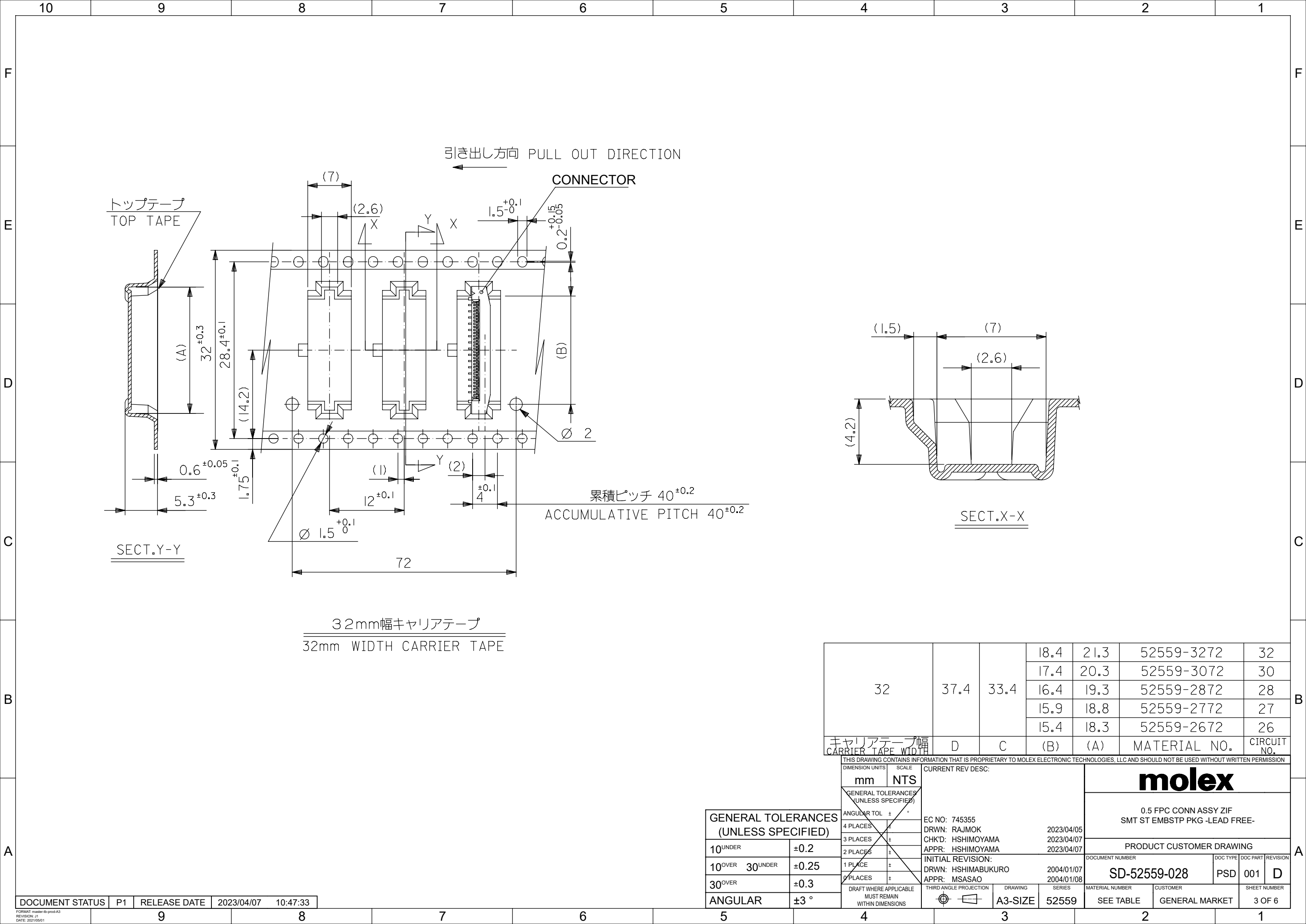
- トップテープの剥離強度：（剥離方向は下図参照）
0.1～1.3N {10gf～130gf} 尚、本規格値は、出荷時に適用。
（但し、輸送時に剥離が発生しない事。）

PEELING OFF FORCE OF TOP TAPE
0.1～1.3N{10gf～130gf}(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT
PEEL OFF SHOULD NOT BE ALLOWED,
DURING TRANSPORTATION



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
DIMENSION UNITS mm	SCALE NTS	CURRENT REV DESC:		molex	
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 745355		0.5 FPC CONN ASSY ZIF	
		DRWN: RAJMOK		SMT ST EMBSTP PKG -LEAD FREE-	
		CHK'D: HSHIMOYAMA		PRODUCT CUSTOMER DRAWING	
		APPR: HSHIMOYAMA		DOCUMENT NUMBER	
		INITIAL REVISION:		DOC TYPE	
DRWN: HSHIMABUKURO		2023/04/07		SD-52559-028	
APPR: MSASAO		2004/01/07		PSD	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DOC PART	
ANGULAR		A3-SIZE		001	
10 ^{UNDER}		52559		D	
10 ^{OVER} 30 ^{UNDER}		SERIES		REVISION	
30 ^{OVER}		MATERIAL NUMBER		1 OF 6	
ANGULAR		CUSTOMER			
±0.2		SEE TABLE			
±0.25		GENERAL MARKET			
±0.3					
±3 °					

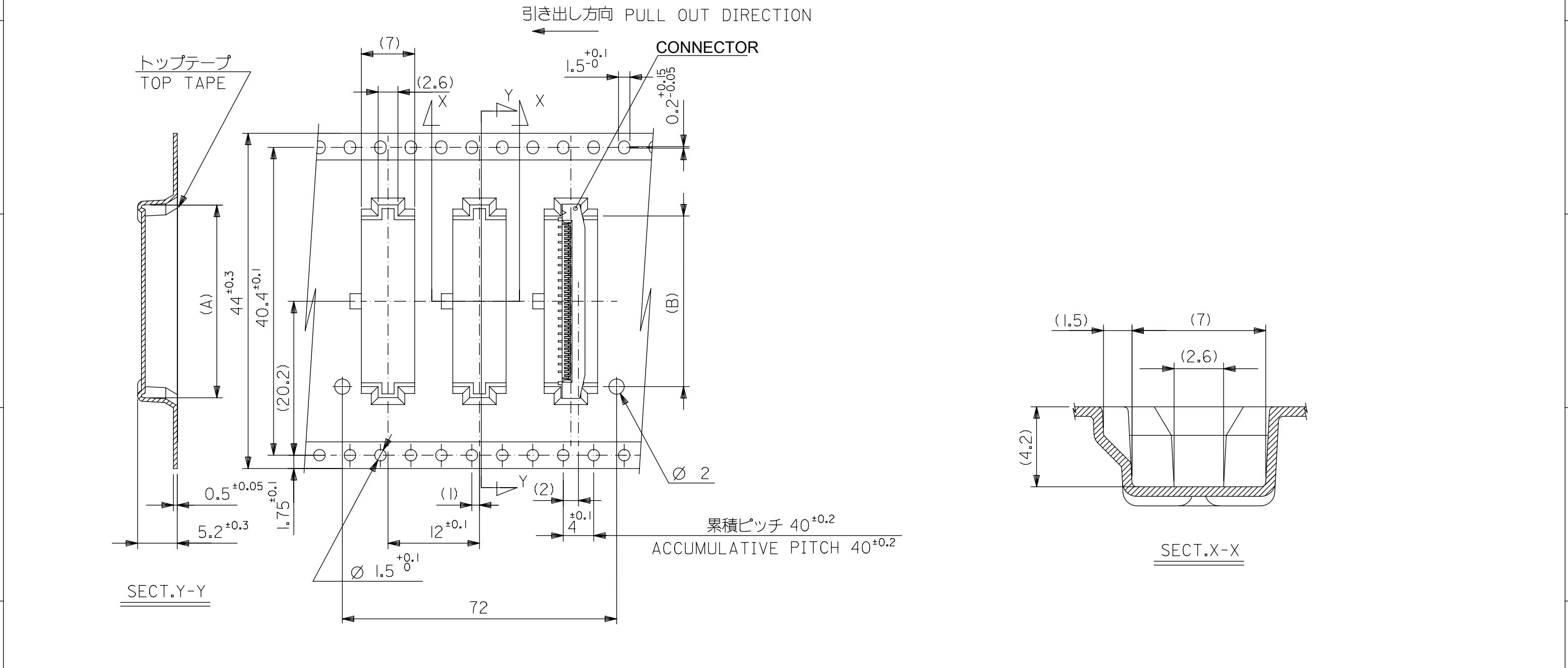




32	37.4	33.4	18.4	21.3	52559-3272	32
			17.4	20.3	52559-3072	30
			16.4	19.3	52559-2872	28
			15.9	18.8	52559-2772	27
			15.4	18.3	52559-2672	26
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	CIRCUIT NO.

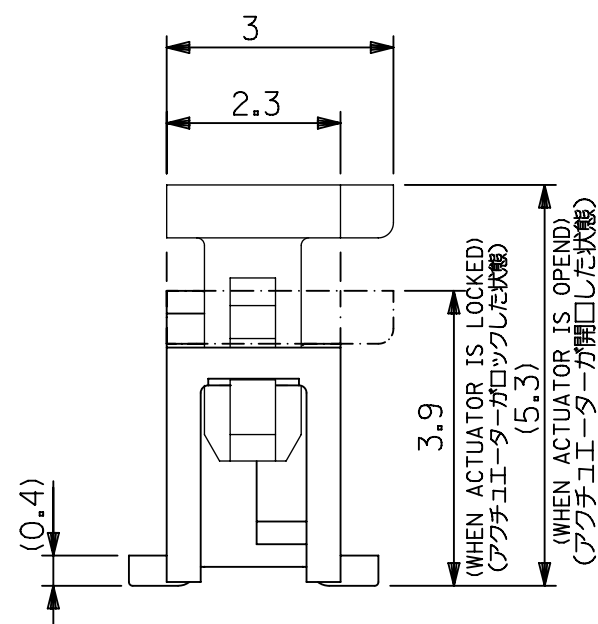
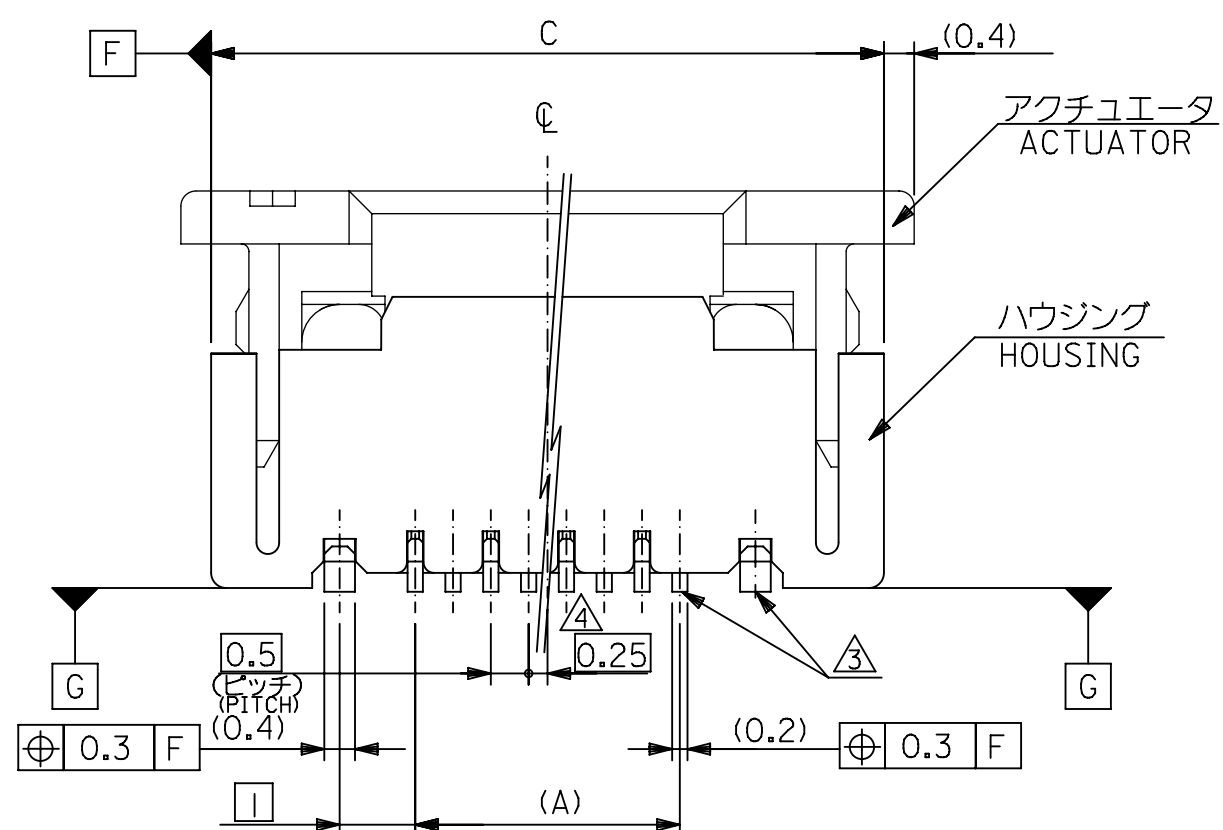
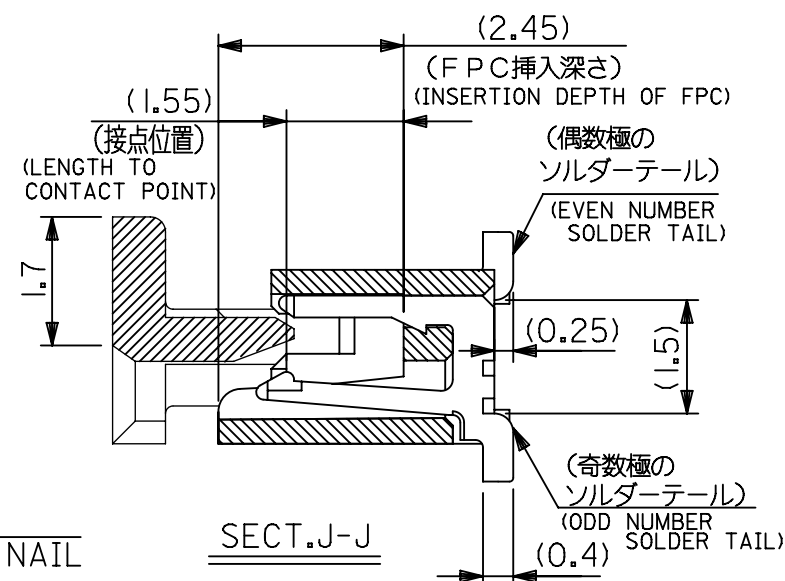
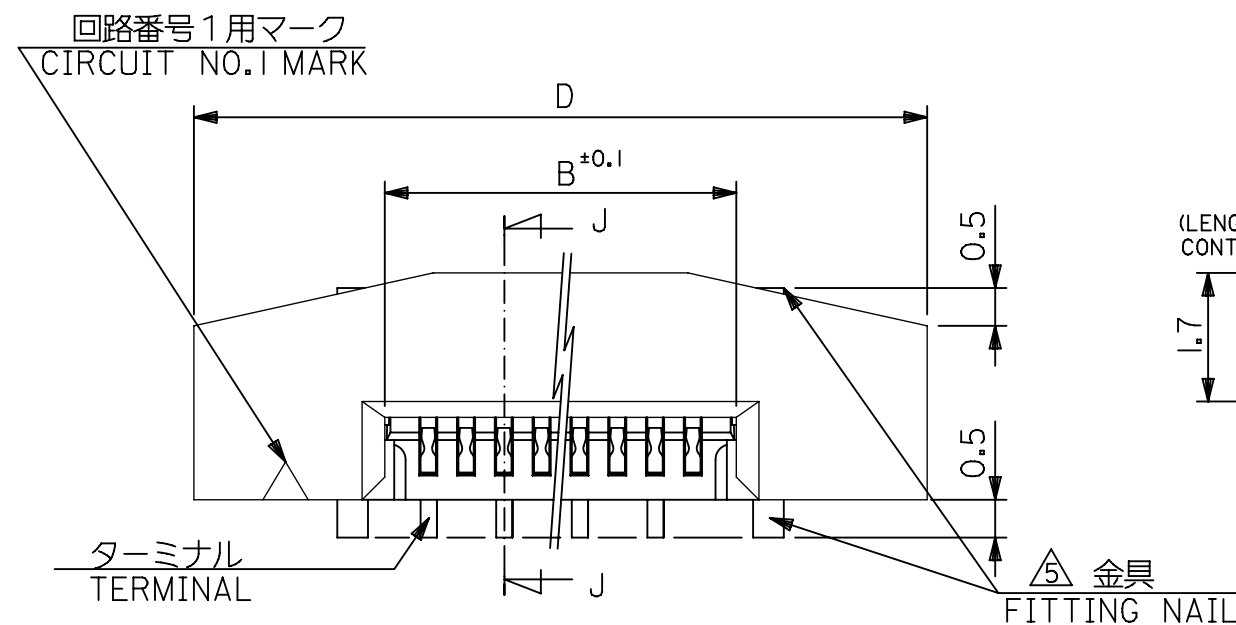
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 745355 DRWN: RAJMOK CHK'D: HSHIMOYAMA APPR: HSHIMOYAMA		0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE-			
10 ^{UNDER}		±0.2		PRODUCT CUSTOMER DRAWING			
10 ^{OVER} 30 ^{UNDER}		±0.25		DOCUMENT NUMBER			
30 ^{OVER}		±0.3		SD-52559-028			
ANGULAR		±3 °		PSD 001 D			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		SHEET NUMBER			
		A3-SIZE		3 OF 6			

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/07	10:47:33
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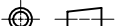


44mm WIDTH CARRIER TAPE					44		49.4	45.4	22.4	25.3	52559-4072	40									
					キャリアテープ幅 CARRIER TAPE WIDTH		D	C	20.4	23.3	52559-3672	36									
									(B)	(A)	MATERIAL NO.	CIRCUIT NO.									
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					
GENERAL TOLERANCES (UNLESS SPECIFIED) <table><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><tr><td>ANGULAR</td><td>±3 °</td></tr></table>					10 ^{UNDER}	±0.2	10 ^{OVER} 30 ^{UNDER}	±0.25	30 ^{OVER}	±0.3	ANGULAR	±3 °	DIMENSION UNITS	SCALE	CURRENT REV DESC:				molex 0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE- PRODUCT CUSTOMER DRAWING		
					10 ^{UNDER}	±0.2															
					10 ^{OVER} 30 ^{UNDER}	±0.25															
					30 ^{OVER}	±0.3															
					ANGULAR	±3 °															
					mm	NTS															
					GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL		EC NO: 745355 DRWN: RAJMOK 2023/04/05 CHK'D: HSHIMOYAMA 2023/04/07 APPR: HSHIMOYAMA 2023/04/07 INITIAL REVISION: DRWN: HSHIMABUKURO 2004/01/07 APPR: MSASAO 2004/01/08				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION				
4 PLACES		± °		SD-52559-028		PSD	001	D													
3 PLACES		± °																			
2 PLACES		± °																			
1 PLACE		± °																			
0 PLACES		± °																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER											
				A3-SIZE	52559	SEE TABLE		GENERAL MARKET		4 OF 6											

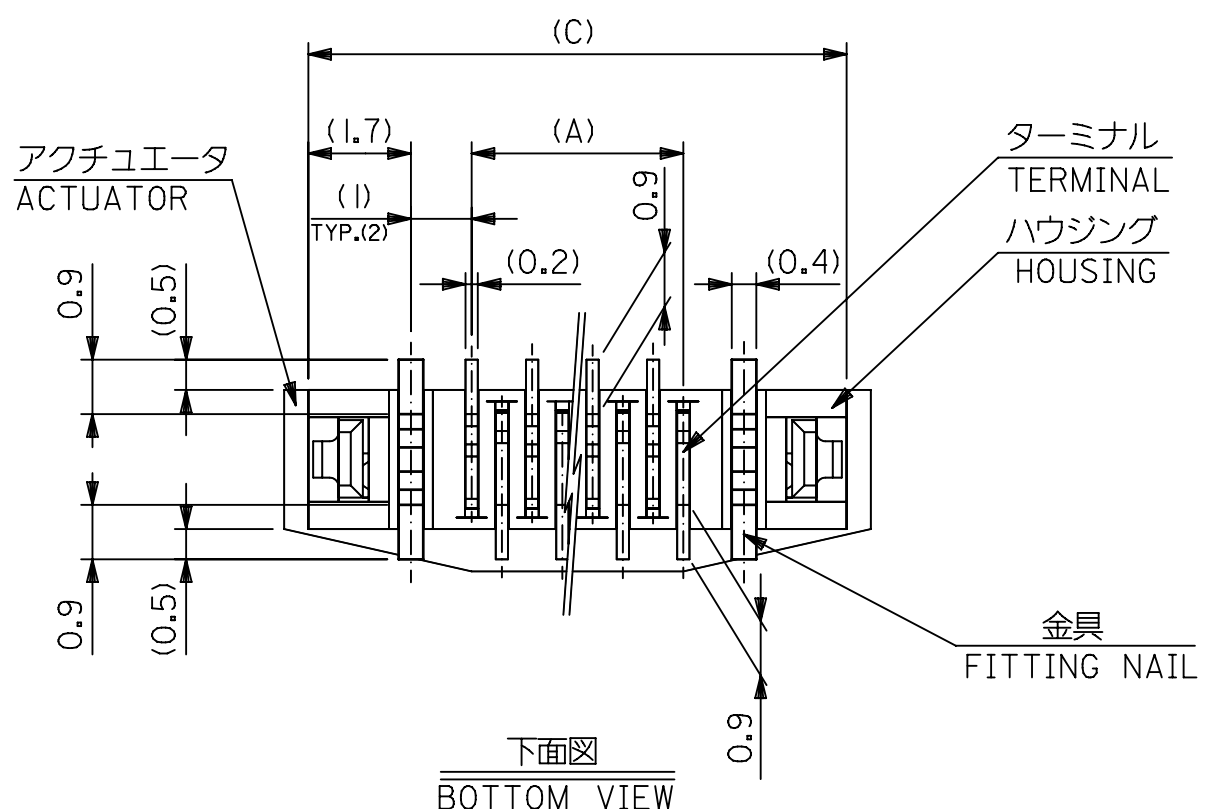
DOCUMENT STATUS	P1	RELEASE DATE	2023/04/07	10:47:33
FORMAT: master-b-prod-A3		REVISION: J1		DATE: 2021/05/01
9		8		7
				6
				5
				4
				3
				2
				1



25.7	24.9	20.65	19.5	52559-4072	40
23.7	22.9	18.65	17.5	-3672	36
21.7	20.9	16.65	15.5	-3272	32
20.7	19.9	15.65	14.5	-3072	30
19.7	18.9	14.65	13.5	-2872	28
19.2	18.4	14.15	13.0	-2772	27
18.7	17.9	13.65	12.5	-2672	26
17.7	16.9	12.65	11.5	-2472	24
17.2	16.4	12.15	11.0	-2372	23
16.2	15.4	11.15	10.0	-2172	21
15.7	14.9	10.65	9.5	-2072	20
14.2	13.4	9.15	8.0	-1772	17
13.7	12.9	8.65	7.5	-1672	16
13.2	12.4	8.15	7.0	-1572	15
12.7	11.9	7.65	6.5	-1472	14
11.7	10.9	6.65	5.5	-1272	12
10.7	9.9	5.65	4.5	-1072	10
10.2	9.4	5.15	4.0	-0972	9
8.7	7.9	3.65	2.5	52559-0672	6
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:				molex							
mm		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL		± °						0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE-							
4 PLACES		±													
3 PLACES		±		EC NO: 745355 DRWN: RAJMOK CHK'D: HSHIMOYAMA APPR: HSHIMOYAMA				PRODUCT CUSTOMER DRAWING							
2 PLACES		±													
1 PLACE		±													
0 PLACES		±		INITIAL REVISION: DRWN: HSHIMABUKURO APPR: MSASAO				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								THIRD ANGLE PROJECTION 		DRAWING		SERIES		SHEET NUMBER	
										A3-SIZE		52559		SEE TABLE	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 ^{UNDER}	±0.2
10 ^{OVER} 30 ^{UNDER}	±0.25
30 ^{OVER}	±0.3
ANGULAR	±3 °

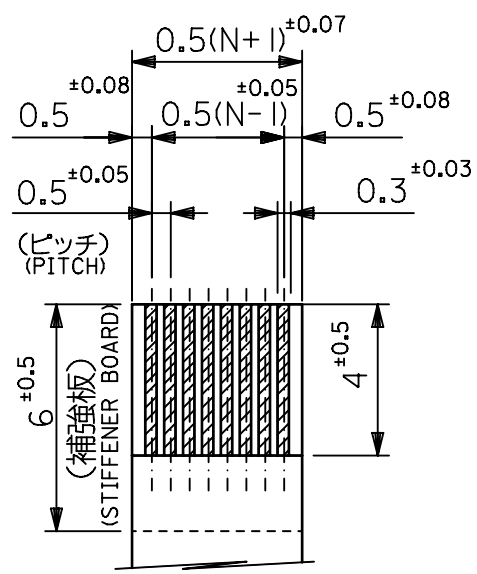


F P Cについて：
打抜き方向は導体側から補強板側を推奨致します。
補強フィルム材質はポリイミドを推奨致します。
接着剤は熱硬化接着剤を推奨致します。

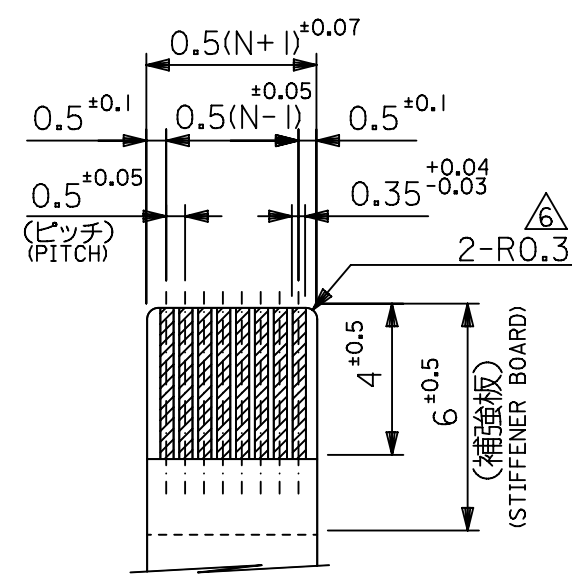
ABOUT FPC :
RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED MATERIAL :
STIFFENER FILM : POLYIMIDE
BONDING AGENT : THERMOSETTING BONDING AGENT

注記 NOTES

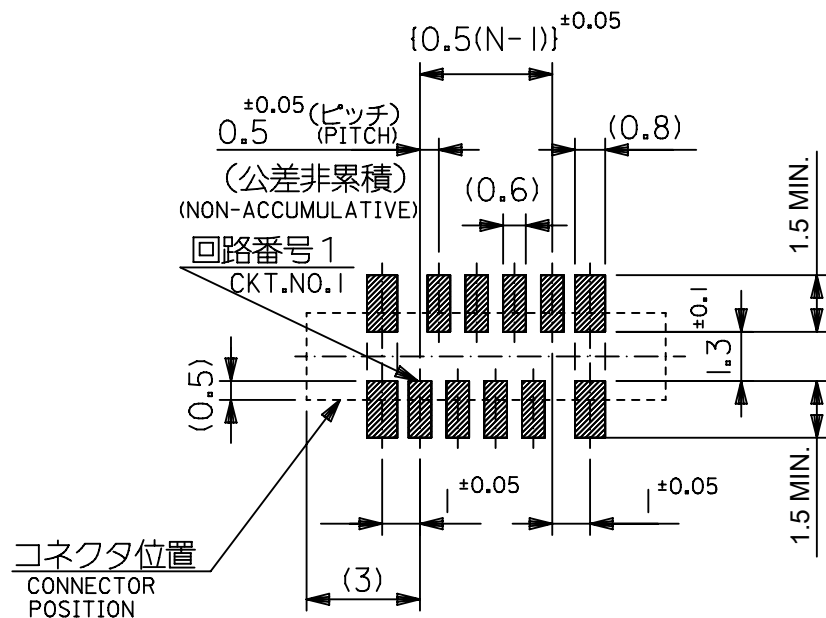
- I. 使用材料 : MATERIAL
ハウジング : 46NYLON UL94V-0
ハウジング
HOUSING
アクチュエータ : PPS UL94V-0
アクチュエータ
ACTUATOR
ターミナル : リン青銅 (t=0.2)
TERMINAL PHOS-BRO
: 錫ビスマスメッキ 1. 0マイクロメートル以上
: TIN-BISMUTH 1.0 MICROMETER MINIMUM
: ニッケル下地 1. 0マイクロメートル以上
: NICKEL(UNDER PLATING) 1.0 MICROMETER MINIMUM
金具 : リン青銅 (t=0.4)
FITTING NAIL PHOS-BRO
: 錫メッキ 1. 0マイクロメートル以上
: TIN 1.0 MICROMETER MINIMUM
: ニッケル下地 1. 0マイクロメートル以上
: NICKEL(UNDER PLATING) 1.0 MICROMETER MINIMUM
2. 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.52559-***19 SHOULD BE LOCKED.
- △ ソルダーテール半田付け面のズレ量、及び金具半田付け面のズレ量は、基準面 G に対し上方向 0.05 MAX. , 下方向 0.15 MAX. とする。
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM G
UPPER DIRECTION: 0.05 MAX. , LOWER DIRECTION: 0.15 MAX.
- △ 偶数極に適用。
APPLY FOR EVEN CIRCUIT.
- △ パターンはくり止め用金具。
FITTING NAIL FOR PREVENTION OF PEELING OF P.C.B. PATTERN.
- △ R0.3は、FPCの導体部にかからないこと。
R0.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.
7. 本製品は 52559-***17 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52559-***17



適合 F F C 推奨寸法
APPLICABLE FFC
RECOMMENDED DIMENSION.
(仕上がり厚さ: 0.3 ±0.05)
(THICKNESS: 0.3 ±0.05)



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



参考基板レイアウト
(マウント面)
RECOMMENDED P.C.BOARD
PATTERN DIMENSION (REF.)
(MOUNTING SIDE)

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 ^{UNDER}	±0.2
10 ^{OVER} 30 ^{UNDER}	±0.25
30 ^{OVER}	±0.3
ANGULAR	±3 °

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex					
DIMENSION UNITS	SCALE			0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG-LEAD FREE-					
mm	NTS			PRODUCT CUSTOMER DRAWING					
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 745355 DRWN: RAJMOK CHK'D: HSHIMOYAMA APPR: HSHIMOYAMA		DOCUMENT NUMBER SD-52559-028					
ANGULAR TOL ± °		INITIAL REVISION: DRWN: HSHIMABUKURO APPR: MSASAO		DOC TYPE PSD		DOC PART 001			
4 PLACES ±		2023/04/05		REVISION D					
3 PLACES ±		2023/04/07							
2 PLACES ±		2023/04/07							
1 PLACE ±									
0 PLACES ±									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
		⊕	A3-SIZE	52559	SEE TABLE	GENERAL MARKET	6 OF 6		

