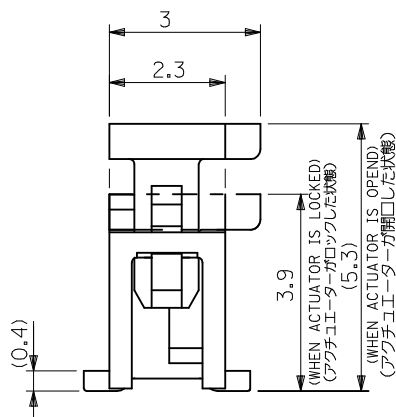
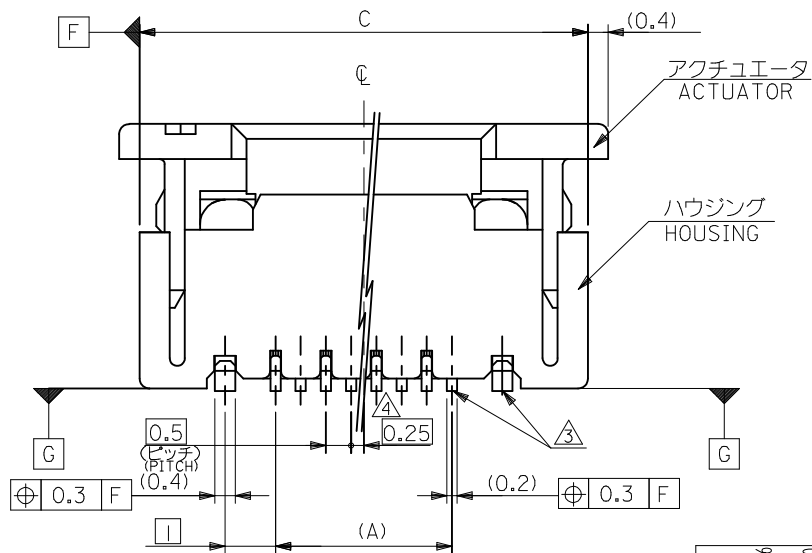
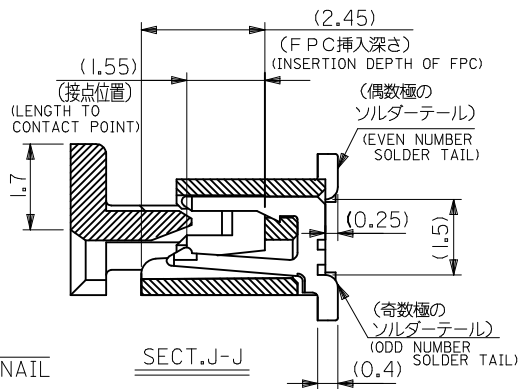
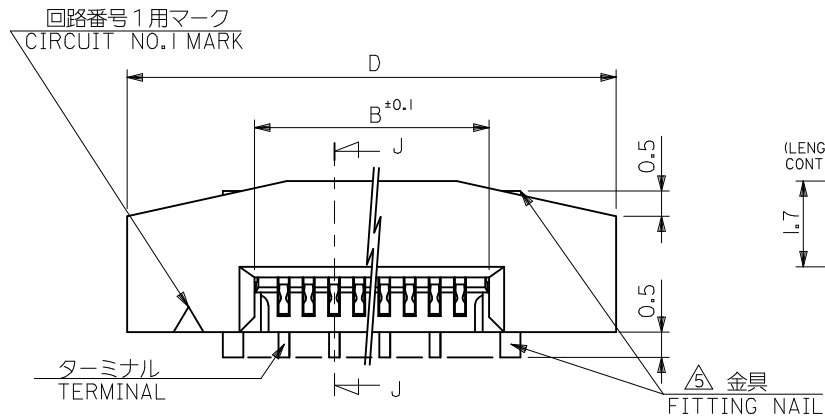


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注記 NOTES

- 使用材料 : MATERIAL
ハウジング : 46NYLON UL94V-0
アクチュエータ : PPS UL94V-0
ターミナル : リン青銅 (t=0.2)
TERMINAL : PHOS-BRO
接点部 : 金メッキ 0.1マイクロメートル以上
CONTACT GOLD 0.1 MICROMETER MINIMUM
半田付け部 : 錫メッキ 1.0マイクロメートル以上
TAIL 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
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
- 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. 52559-79 SHOULD BE LOCKED.
△ソルダータ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.

REVISED EC NO.: J2016-0020 DRWN:YUHASAGAWA 2015/07/106 CHKD: APPR:YNOGAWA 2015/07/110	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		0.25 UNDER	UNDER	±0.03	DRAWN BY	DATE	TITLE 0.5 FPC CONN ASSY ZIF.			
		0.25 OVER	0.5 UNDER	±0.05	MNABEI	'04/07/13				
		0.5 OVER	1.0 UNDER	±0.1	CHECKED BY	DATE	-LEAD FREE- molex			
		1.0 OVER	10 UNDER	±0.2	KTOJO	'04/07/13				
		10 OVER	30 UNDER	±0.25	APPROVED BY	DATE	SD-52559-048			
		30 OVER		±0.3	NUKITA	'04/07/13				
		ANGULAR ±3 °			MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 2		SD-52559-048		1 OF 2	
					SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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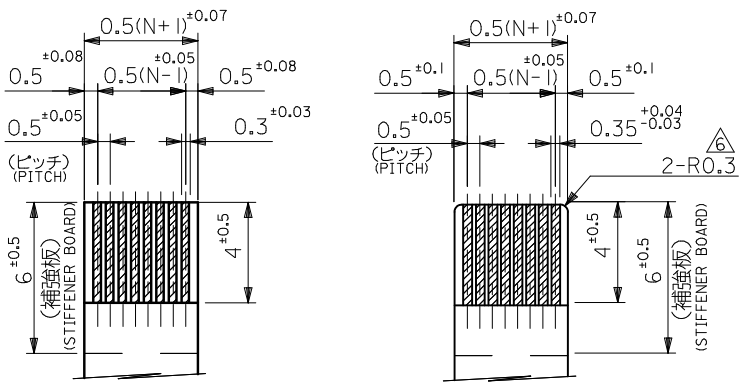
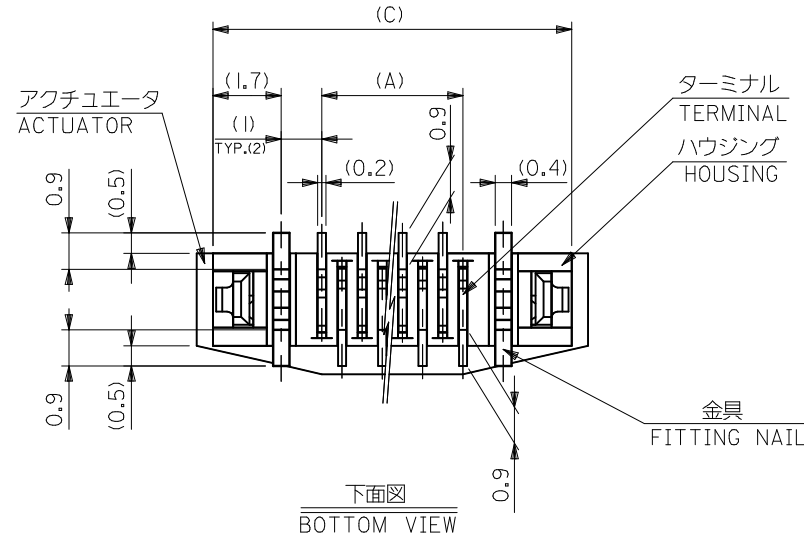
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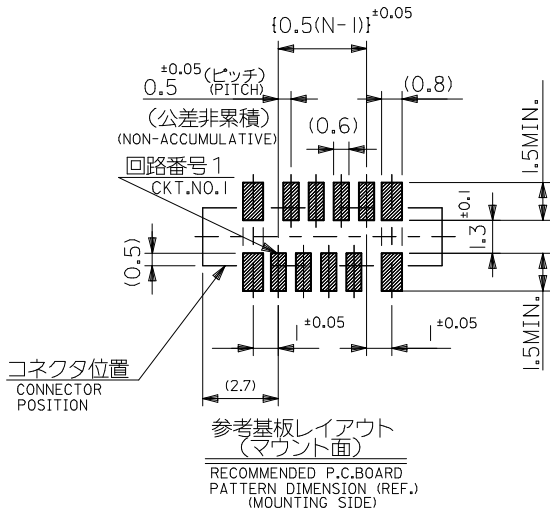
FPCについて：
打抜き方向は導体側から補強板側を推奨致します。
補強フィルム材質はポリイミドを推奨致します。
接着剤は熱硬化接着剤を推奨致します。

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



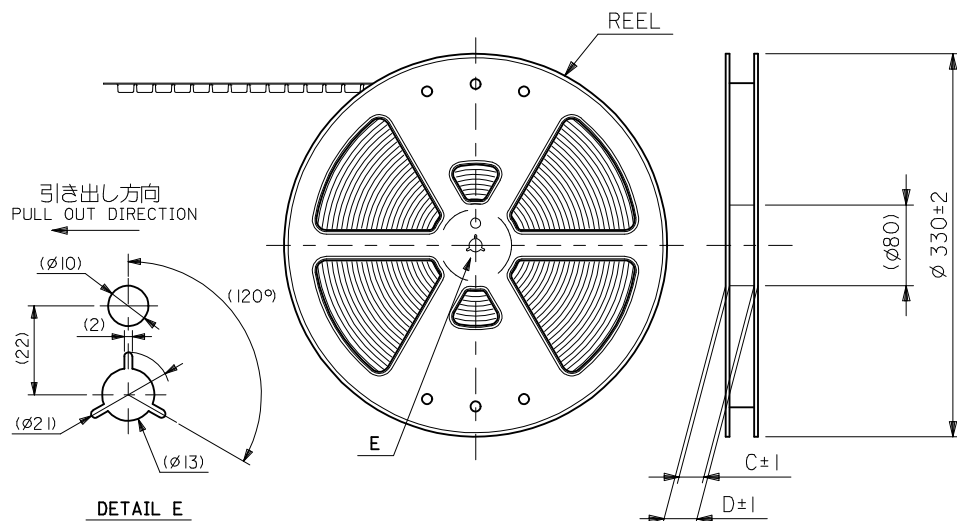
適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION.
(仕上がり厚さ: 0.3 ±0.05)
(THICKNESS: 0.3 ±0.05)

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



25.7	24.9	20.65	19.5	52559-4079	40
23.7	22.9	18.65	17.5	-3679	36
22.2	21.4	17.15	16.0	-3379	33
21.7	20.9	16.65	15.5	-3279	32
20.7	19.9	15.65	14.5	-3079	30
19.7	18.9	14.65	13.5	-2879	28
19.2	18.4	14.15	13.0	-2779	27
18.7	17.9	13.65	12.5	-2679	26
18.2	17.4	13.15	12.0	-2579	25
17.7	16.9	12.65	11.5	-2479	24
17.2	16.4	12.15	11.0	-2379	23
16.7	15.9	11.65	10.5	-2279	22
16.2	15.4	11.15	10.0	-2179	21
15.7	14.9	10.65	9.5	-2079	20
14.7	13.9	9.65	8.5	-1879	18
14.2	13.4	9.15	8.0	-1779	17
13.7	12.9	8.65	7.5	-1679	16
13.2	12.4	8.15	7.0	-1579	15
12.7	11.9	7.65	6.5	-1479	14
12.2	11.4	7.15	6.0	-1379	13
11.7	10.9	6.65	5.5	-1279	12
10.7	9.9	5.65	4.5	-1079	10
10.2	9.4	5.15	4.0	-0979	9
9.7	8.9	4.65	3.5	-0879	8
8.7	7.9	3.65	2.5	52559-0679	6
D	C	B	(A)	CONNECTOR SERIES No.	極数 CKT.
ORDER No. : 52559-**52/-**53/-**54/-**56					

REVISED EC NO: J2016-0020 DRWN: YUHASAGAWA 2015/07/06 CHKD: APPR: YNOGAWA 2015/07/10	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		0.25 UNDER	UNDER	±0.03	DRAWN BY MNABEI	DATE '04/07/13	TITLE 0.5 FPC CONN ASSY ZIF.				
		0.25 OVER	0.5 UNDER	±0.05	CHECKED BY KTOJO	DATE '04/07/13					
		0.5 OVER	1.0 UNDER	±0.1	APPROVED BY NUKITA	DATE '04/07/13	-LEAD FREE- molex				
		1.0 OVER	10 UNDER	±0.2	MATERIAL NO.						
D	REV	30 OVER	30 UNDER	±0.25	SEE CHART		DOCUMENT NO.	SD-52559-048			
		ANGULAR ±3 °			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SHEET NO. 2 OF 2						



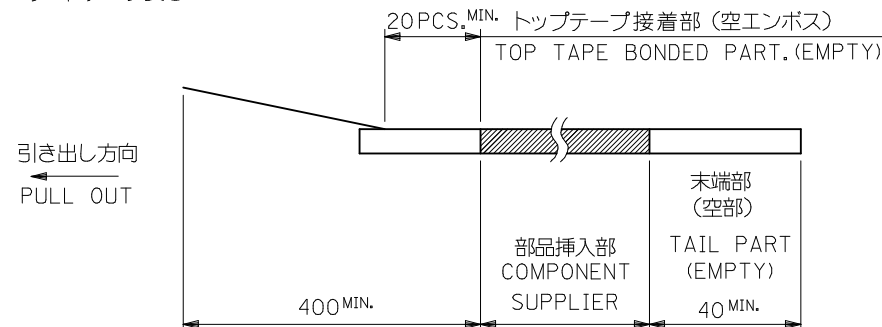
5. 材料 キャリアテープ:ポリプロピレン (PP)
 トップテープ:PET, PE, PEF
 リール:ポリスチレン (PS) <リサイクル材を含む>

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

6. 本製品は 52559-**53 のエンボステープ違い品である。
THIS PRODUCT IS EMBOSSED TAPE DIFFERENCE ARTICLE OF 52559-**53.
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.

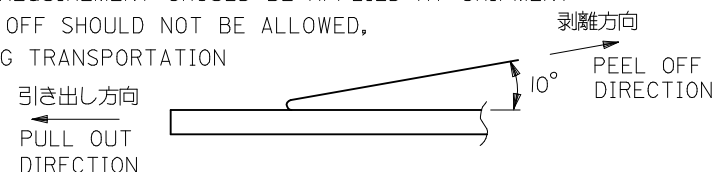
注記 NOTES

- 製品番号 52559-**79 の梱包状態はアクチュエータがロックした状態とする。
詳細寸法については 製品単体図面を参照下さい。
IN THE PACKAGE,ACTUATOR OF PART NO.52559-**79 SHOULD BE LOCKED
RE DETAILED DIMENSIONS,SEE ASSY DRAWING
- 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



4. トップテープの剥離強度: (剥離方向は下図参照)
0.1N~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
0.1N~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



REVISED EC NO: J2016-0020 DRAWN:YUASEGAWA 2015/07/06 CHKD: APPR:YUOGAWA 2015/07/10	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		0.25 UNDER	UNDER	±0.03	DRAWN BY	DATE	TITLE 0.5 FPC CONN ASSY ZIF FOR SMT EMBSTP PKG -LEAD FREE-				
		0.25 OVER	0.5 UNDER	±0.05	MNABEI	'04/07/13					
		0.5 OVER	1.0 UNDER	±0.1	CHECKED BY	DATE	DOCUMENT NO. molex SD-52559-049				
		4.0 OVER	10 UNDER	±0.2	KTOJO	'04/07/13					
		10 OVER	30 UNDER	±0.25	APPROVED BY	DATE	SHEET NO. 1 OF 4				
		30 OVER		±0.3	NUKITA	'04/07/13					
		ANGULAR ±3 °			MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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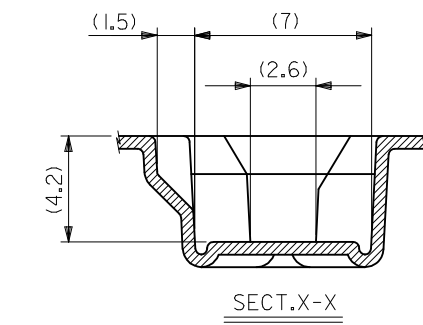
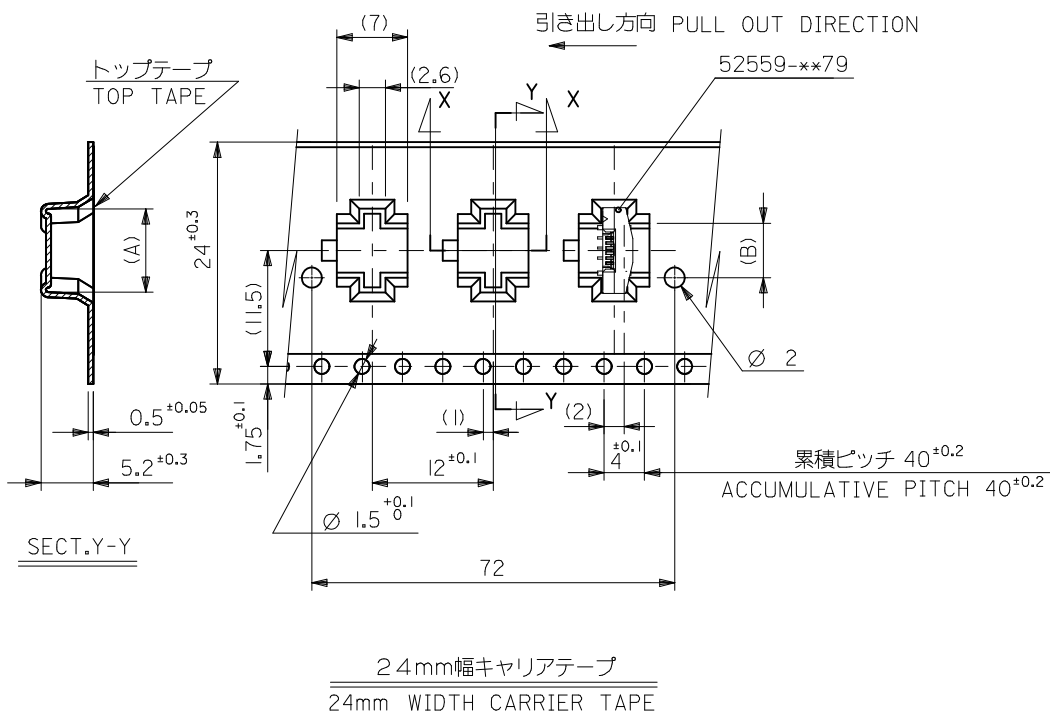
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24	29.4	25.4	14.4	17.3	52559-2452	24
			13.9	16.8	52559-2352	23
			12.9	15.8	52559-2152	21
			12.4	15.3	52559-2052	20
			10.9	13.8	52559-1752	17
			10.4	13.3	52559-1652	16
			9.9	12.8	52559-1552	15
			9.4	12.3	52559-1452	14
			8.4	11.3	52559-1252	12
			7.4	10.3	52559-1052	10
			6.9	9.8	52559-0952	9
			5.4	8.3	52559-0652	6
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	CIRCUIT NO.

REVISED EC NO: J2016-0020 DRWN:YUASEGAWA 2015/07/06 CHKD: APPR:YNOGAWA 2015/07/10 K	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION							
		0.25 UNDER	UNDER	±0.03	DRAWN BY	DATE	TITLE 0.5 FPC CONN ASSY ZIF FOR SMT EMBSTP PKG -LEAD FREE- molex DOCUMENT NO. SD-52559-049 SHEET NO. 2 OF 4 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
		0.25 OVER	0.5 UNDER	±0.05	MNABEI	'04/07/13										
		0.5 OVER	1.0 UNDER	±0.1	CHECKED BY	DATE										
		1.0 OVER	10 UNDER	±0.2	KTOJO	'04/07/13										
		10 OVER	30 UNDER	±0.25	APPROVED BY	DATE										
		30 OVER		±0.3	NUKITA	'04/07/13										
		ANGULAR ±3 °			MATERIAL NO.											
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART											
					SIZE A3											

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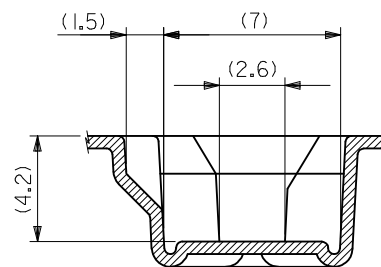
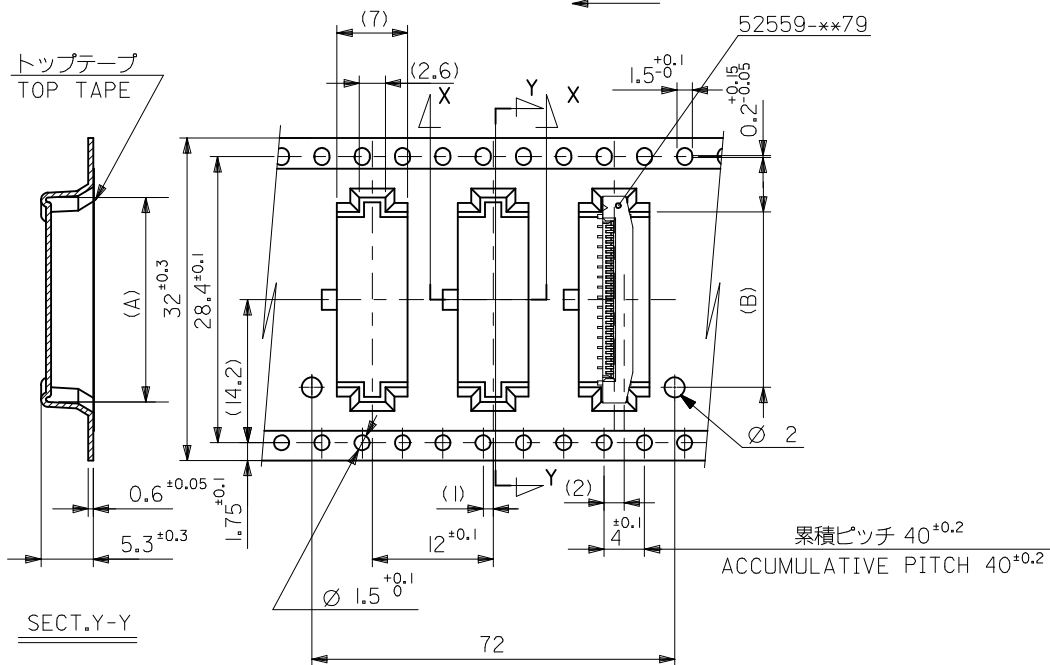
B

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引き出し方向 PULL OUT DIRECTION

52559-**79

トップテープ
TOP TAPE



SECT.X-X

32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	37.4	33.4	18.4	21.3	52559-3252	32
			17.4	20.3	52559-3052	30
			16.4	19.3	52559-2852	28
			15.9	18.8	52559-2752	27
			15.4	18.3	52559-2652	26
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	CIRCUIT NO.

REVISED EC NO: J2016-0020 DRWN:YUASEGAWA 2015/07/06 CHKD: APPR:YNOGAWA 2015/07/10 K	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		0.25	UNDER	UNDER	±0.03	DRAWN BY	DATE	TITLE 0.5 FPC CONN ASSY ZIF FOR SMT EMBSTP PKG -LEAD FREE- molex SD-52559-049				
		0.25	OVER	0.5	UNDER	±0.05	MNABEI					'04/07/13
		0.5	OVER	1.0	UNDER	±0.1	CHECKED BY					DATE
		4.0	OVER	10	UNDER	±0.2	KTOJO					'04/07/13
		10	OVER	30	UNDER	±0.25	APPROVED BY					DATE
		30	OVER		±0.3	NUKITA	'04/07/13					
		ANGULAR			±3 °	MATERIAL NO.						DOCUMENT NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART		SD-52559-049		3 OF 4		
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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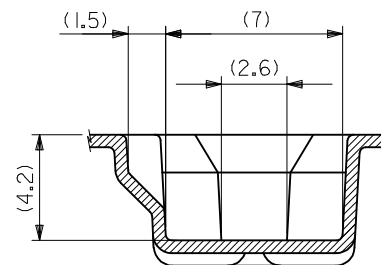
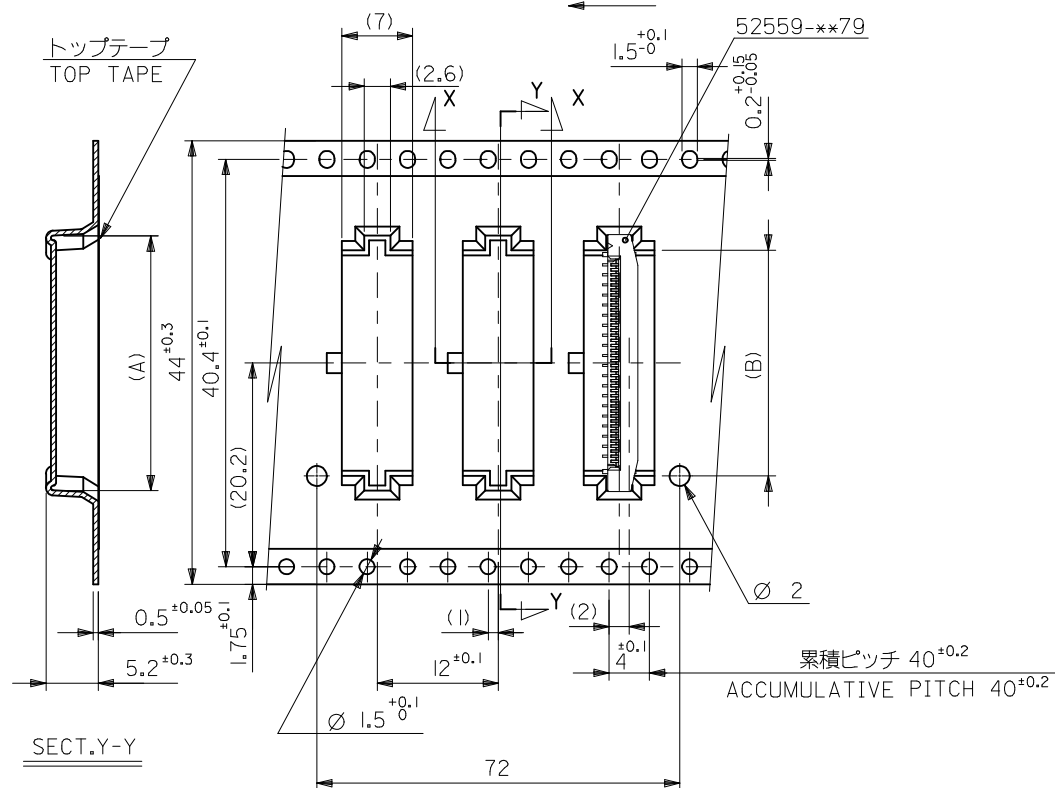
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引き出し方向 PULL OUT DIRECTION



SECT.X-X

44mm幅キャリアテープ
44mm WIDTH CARRIER TAPE

44	49.4	45.4	22.4	25.3	52559-4052	40
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	20.4	23.3	52559-3652	36
		(B)	(A)		MATERIAL NO.	CIRCUIT NO.

REVISED EC NO: J2016-0020 DRWN:YUASEGAWA 2015/07/10 CHKD: APPR:YNOGAWA 2015/07/10 K	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		0.25 UNDER	UNDER	±0.03	DRAWN BY	DATE	TITLE 0.5 FPC CONN ASSY ZIF FOR SMT EMBSTP PKG -LEAD FREE-				
		0.25 OVER	0.5 UNDER	±0.05	MNABEI	'04/07/13					
		0.5 OVER	1.0 UNDER	±0.1	CHECKED BY	DATE	DOCUMENT NO. SD-52559-049				
		1.0 OVER	10 UNDER	±0.2	KTOJO	'04/07/13					
		10 OVER	30 UNDER	±0.25	APPROVED BY	DATE	SHEET NO. 4 OF 4				
		30 OVER		±0.3	NUKITA	'04/07/13					
		ANGULAR ±3 °			MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
					SEE CHART						
					SIZE A3						

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