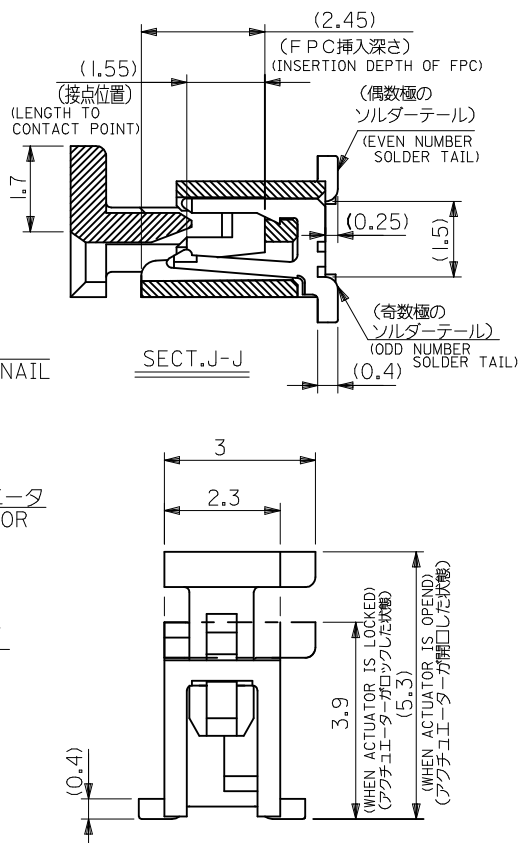
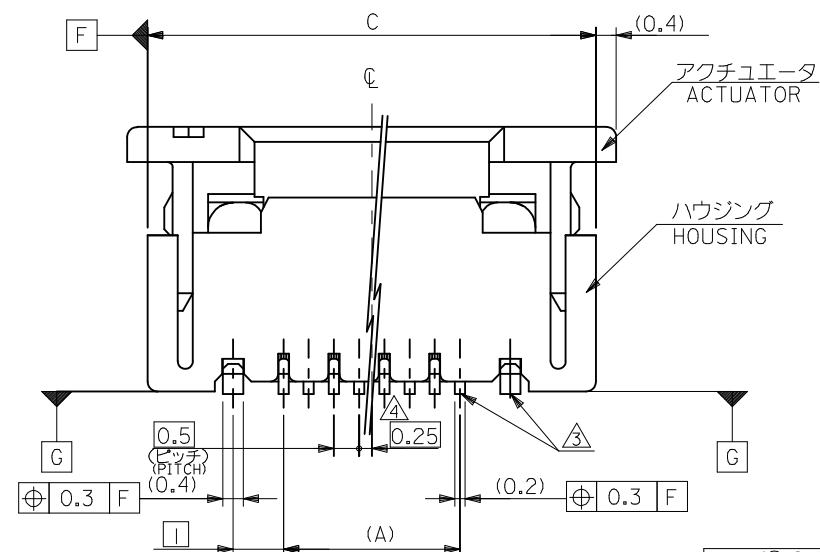
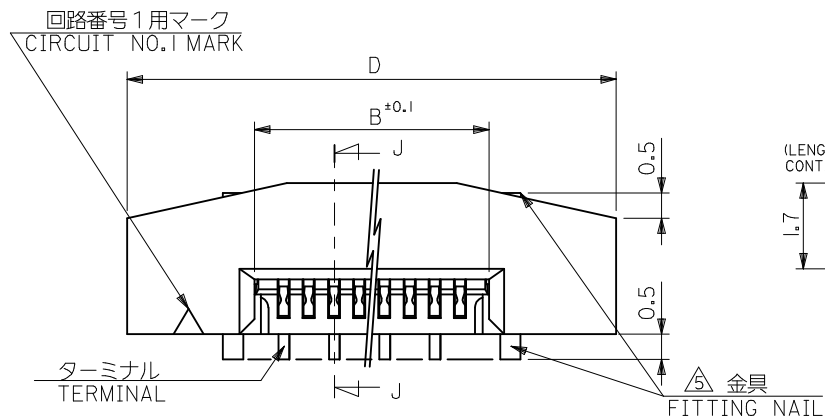


10 9 8 7 6 5 4 3 2 1



注記 NOTES

1. 使用材料 : MATERIAL

ハウジング : 46NYLON UL94V-0
HOUSINGアクチュエータ : PPS UL94V-0
ACTUATOR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 MINIMUM2. 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.

△ RO.3は、F P Cの導体部にカカらないこと。

RO.3 MUST NOT BE OVERLAPPED TO PATTERN
OF FPC.

MODEL NO. 52559-**79

GENERAL TOLERANCES
(UNLESS SPECIFIED)DIMENSION STYLE
MM ONLYSCALE
---DESIGN UNITS
METRICTHIRD ANGLE
PROJECTION10 UNDER ± 0.2 10 OVER 30 UNDER ± 0.25 30 OVER ± 0.3 ANGULAR $\pm 3^\circ$ DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDRAWN BY DATE
MNABEI '04/07/13CHECKED BY DATE
KTOJO '04/07/13APPROVED BY DATE
NUKITA '04/07/13

MATERIAL NO.

SEE CHART

SIZE
A3

0.5 FPC CONN ASSY ZIF.

-LEAD FREE-

MOLEX INCORPORATED

DOCUMENT NO.

SD-52559-048

SHEET NO.

1 OF 2

F

E

D

C

B

A

F

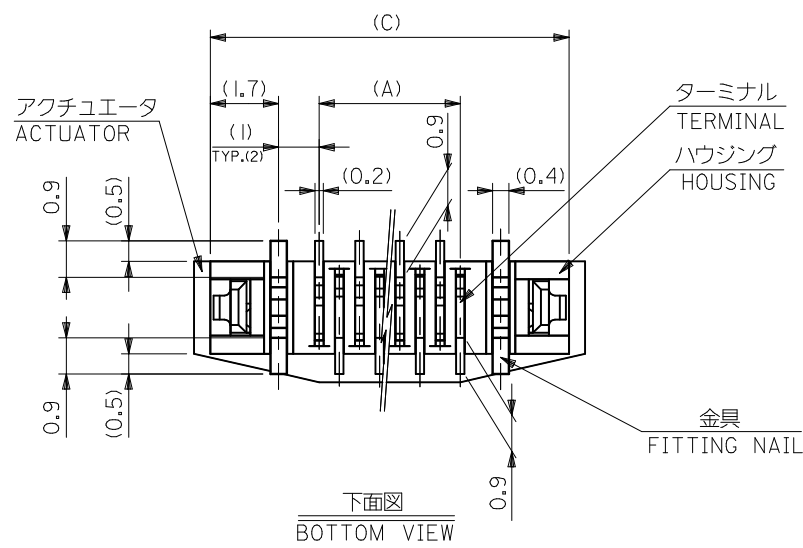
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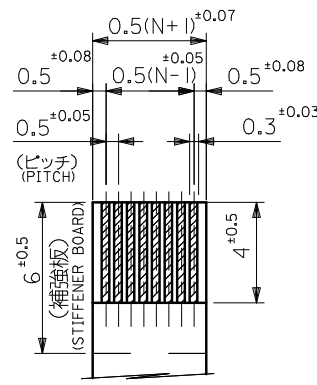
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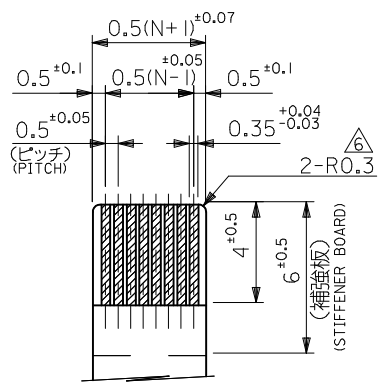
A



下面図
BOTTOM VIEW



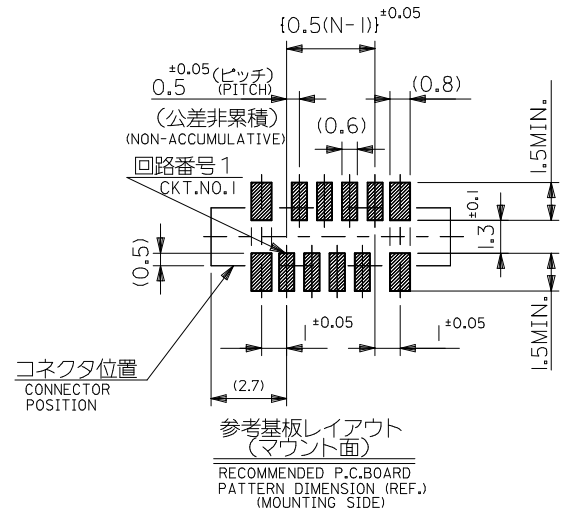
適合F F C推奨寸法
APPLICABLE FFC
RECOMMENDED DIMENSION.
(仕上がり厚さ: 0.3^{+0.05}/_{-0.05})
(THICKNESS: 0.3^{+0.05}/_{-0.05})



適合F P C推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION.
(仕上がり厚さ: 0.3^{+0.05}/_{-0.05})
(THICKNESS: 0.3^{+0.05}/_{-0.05})

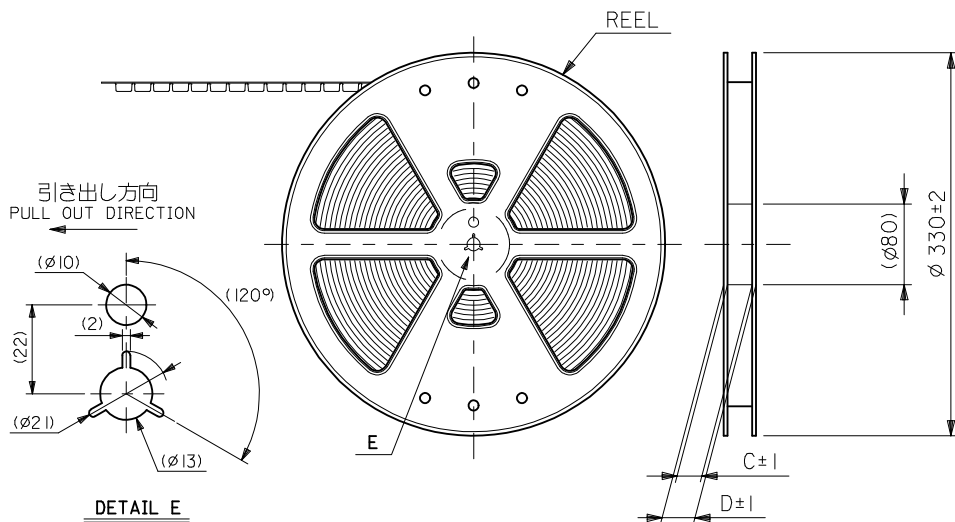
F P Cについて：
打抜き方向は導体側から補強板側を推奨致します。
補強フィルム材質はポリイミドを推奨致します。
接着剤は熱硬化接着剤を推奨致します。

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



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
21.2	20.4	16.15	15.0	-3179	31
20.7	19.9	15.65	14.5	-3079	30
20.2	19.4	15.15	14.0	-2979	29
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
15.2	14.4	10.15	9.0	-1979	19
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
11.2	10.4	6.15	5.0	-1179	11
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)	MATERIAL NO.	極数 CKT.

REVISED EC NO: J2012-0823 DRWN:KNAGUMO 2011/12/15 CHKD:KTAHASHI 2011/12/16 APPR:KMORIKAWA 2011/12/16 B	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		MODEL NO.		52559-***79		
				MM ONLY		---		DESIGN UNITS		THIRD ANGLE PROJECTION		
		10 UNDER		±0.2	DRAWN BY MNABEI	DATE '04/07/13	TITLE 0.5 FPC CONN ASSY ZIF. -LEAD FREE-					
		10 OVER 30 UNDER		±0.25	CHECKED BY KTOJO	DATE '04/07/13						
		30 OVER		±0.3	APPROVED BY NUKITA	DATE '04/07/13	molex MOLEX INCORPORATED					
	ANGULAR ±3 °		MATERIAL NO.	DOCUMENT NO.								
REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52559-048						2 OF 2	
			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



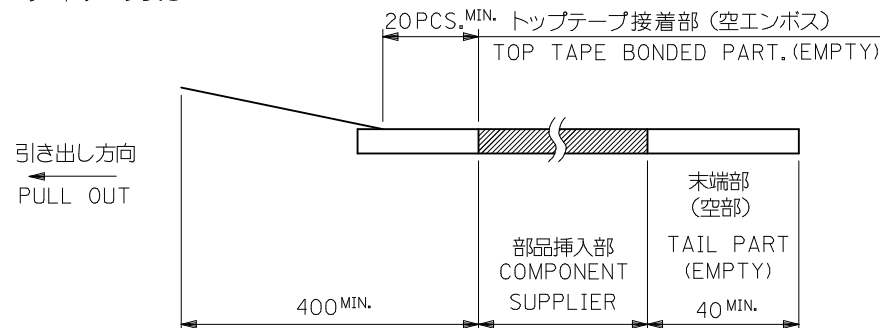
5. 材料 キャリアテープ:ポリプロピレン (PP)
 トップテープ:PET, PE, PEF
 リール:ポリスチレン (PS) <リサイクル材を含む>

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.

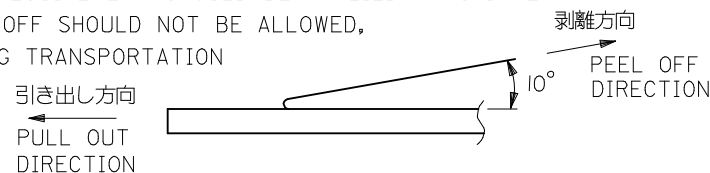
注記 NOTES

- 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: J2013-0959 DRWN: TMORISHITA 2013/03/01 CHKD: KTAHASHI 2013/03/01 APPR: KMORIKAWA 2013/03/01 REV H	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
		10 UNDER	± 0.2	DRAWN BY MNABEI	DATE '04/07/13	TITLE 0.5 FPC CONN ASSY ZIF FOR SMT EMBSTP PKG -LEAD FREE-							
		10 OVER 30 UNDER	± 0.25	CHECKED BY KTOJO	DATE '04/07/13								
		30 OVER	± 0.3	APPROVED BY NUKITA	DATE '04/07/13	molex							
		ANGULAR ±3 °		MATERIAL NO.							DOCUMENT NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52559-049						1 OF 4		
	REV	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

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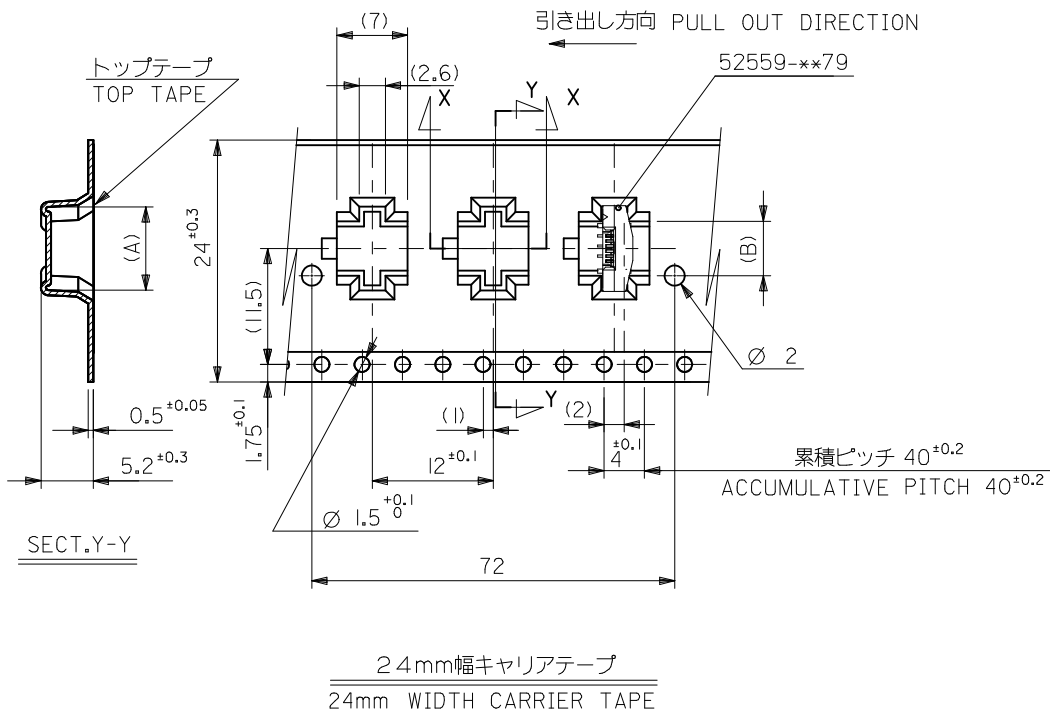
E

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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
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	6.9	9.8	52559-0952	9
			5.4	8.3	52559-0652	6
		(B)	(A)	MATERIAL NO.	CIRCUIT NO.	

REVISED EC NO: J2013-0959 DRWN: TMORISHITA 2013/03/01 CHKD: KTAKAHASHI 2013/03/01 APPR: KMORIKAWA 2013/03/01	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY MNABEI	DATE '04/07/13	TITLE 0.5 FPC CONN ASSY ZIF FOR SMT EMBSTP PKG -LEAD FREE- molex				
		10 OVER 30 UNDER	± 0.25	CHECKED BY KTOJO	DATE '04/07/13					
		30 OVER	± 0.3	APPROVED BY NUKITA	DATE '04/07/13					
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52559-049		2 OF 4			
	REV			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

9 8 7 6 5 4 3 2

10 9 8 7 6 5 4 3 2 1

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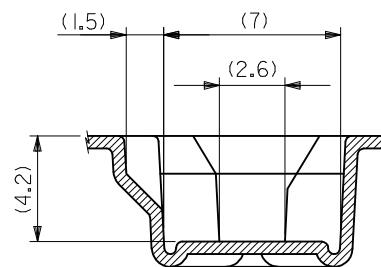
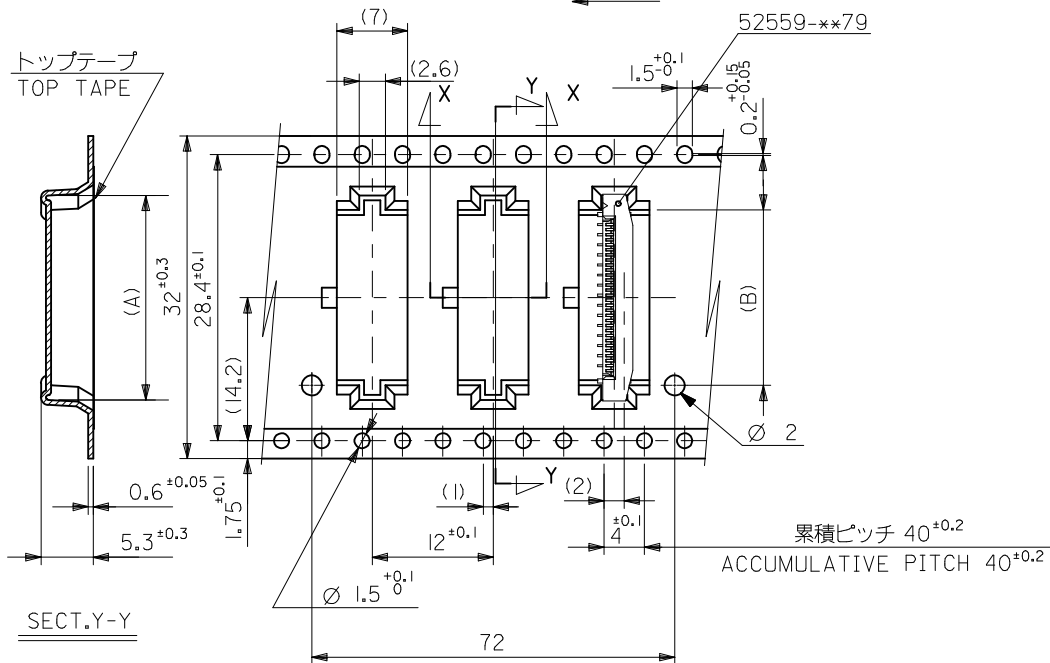
D

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引き出し方向 PULL OUT DIRECTION



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: J2013-0959 DRWN: TMORISHITA 2013/03/01 CHKD: TAKAHASHI 2013/03/01 APPR: KMORIKAWA 2013/03/01	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY MNABEI	DATE '04/07/13	TITLE 0.5 FPC CONN ASSY ZIF FOR SMT EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY KTOJO	DATE '04/07/13					
		30 OVER	± 0.3	APPROVED BY NUKITA	DATE '04/07/13					
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52559-049		3 OF 4		
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

9 8 7 6 5 4 3 2

10 9 8 7 6 5 4 3 2 1

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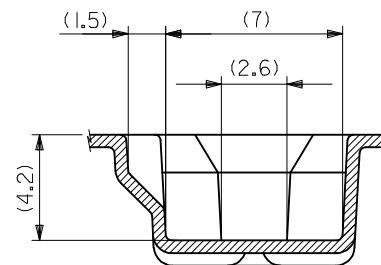
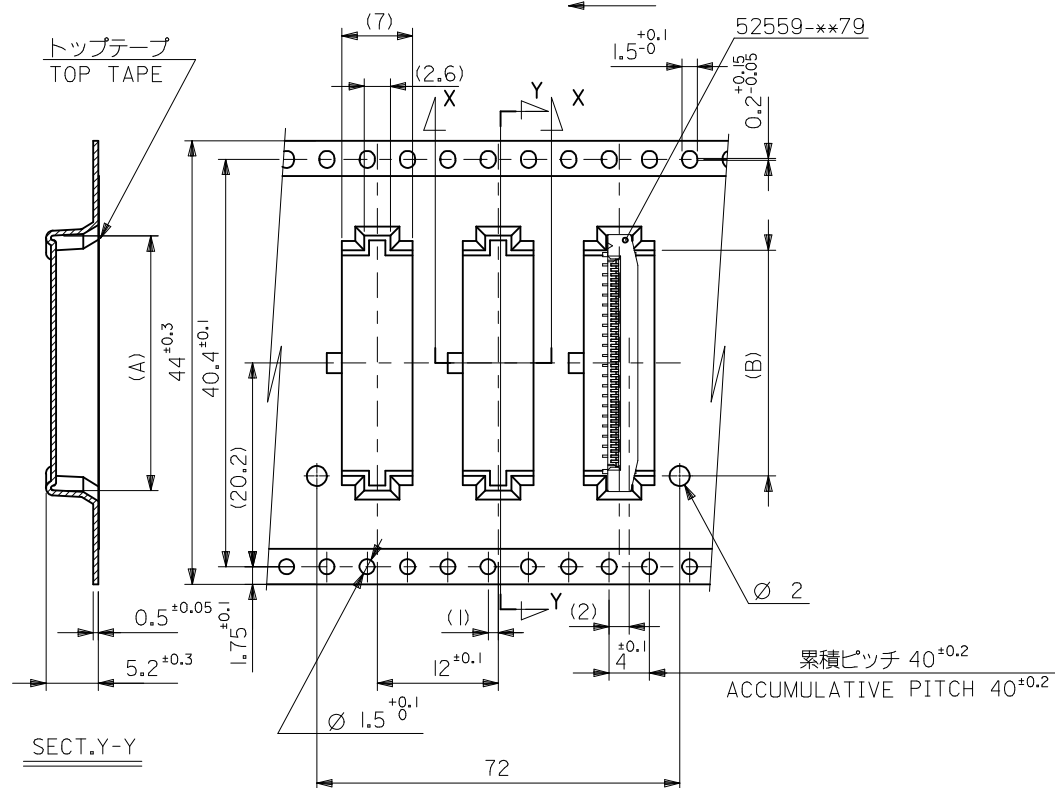
D

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B

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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: J2013-0959 DRWN: TMORISHITA 2013/03/01 CHKD: TAKAHASHI 2013/03/01 APPR: KMORIKAWA 2013/03/01	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY MNABEI	DATE '04/07/13	TITLE 0.5 FPC CONN ASSY ZIF FOR SMT EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY KTOJO	DATE '04/07/13					
		30 OVER	± 0.3	APPROVED BY NUKITA	DATE '04/07/13					
		ANGULAR ±3 °		MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52559-049		4 OF 4		
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

9 8 7 6 5 4 3 2