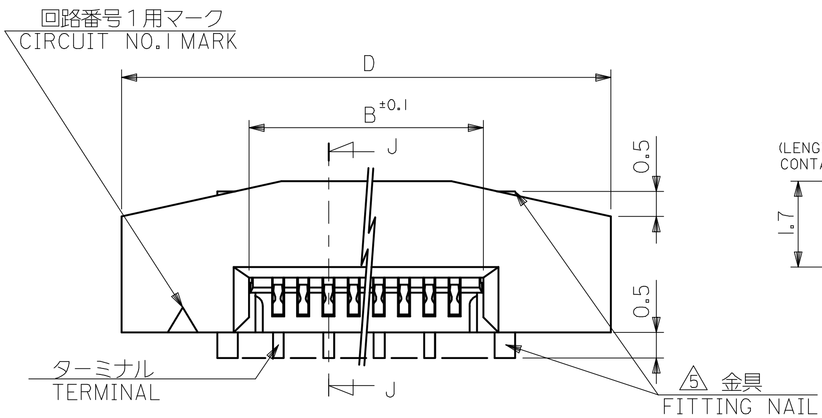
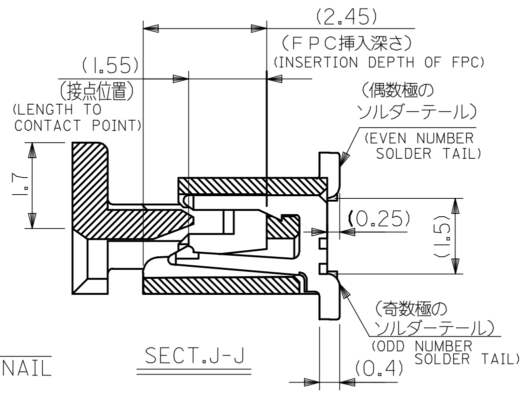
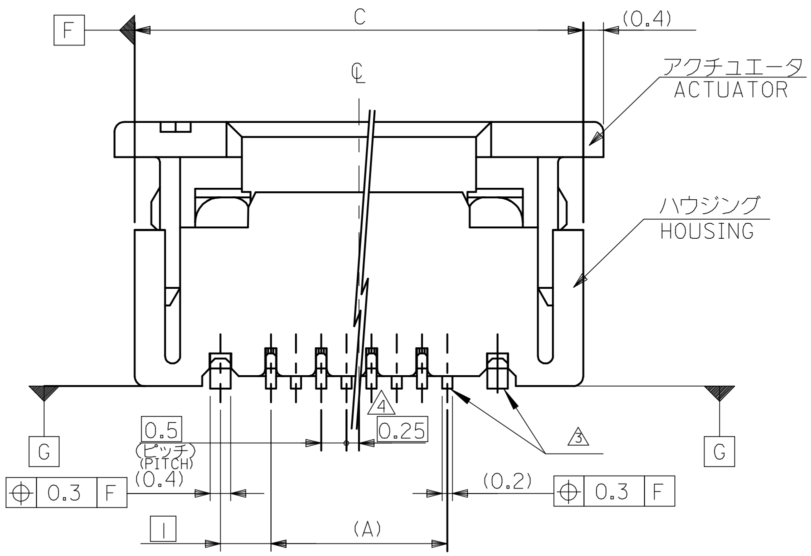
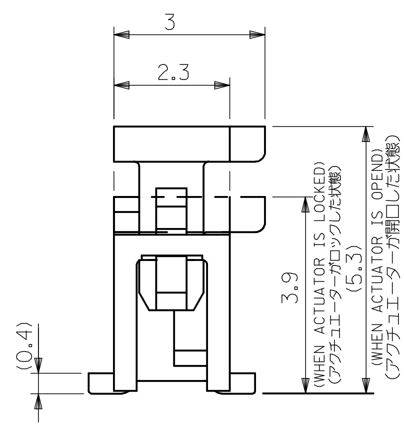








注記 NOTES

1. 材質 MATERIAL
   ハウジング：ポリアミド（PA）、ガラス充填、ナチュラル（白）、UL94V-0
   HOUSING : POLYAMIDE , GLASS FILLED, NATURAL, UL94V-0
   アクチュエータ：ポリフェニレンサルファイド(PPS), ガラス充填、ナチュラル、UL94V-0
   ACTUATOR : POLYPHENYRENE SULFIDE, GLASS FILLED, NATURAL(BROWN), UL94V-0
   ターミナル：銅合金（t = 0.2）
   TERMINAL : COPPER ALLOY (t = 0.2)
   金具：銅合金（t = 0.4）
   NAIL : COPPER ALLOY (t = 0.4)
2. めっき仕様 PLATING
   ターミナル TERMINAL
   錫銀ビスマスめっき(1.0 μm以上)
   下地：ニッケルめっき（1.0 μm以上）
   TIN SILVER BISMUTH PLATING
   (1.0 MICROMETER MINIMUM)
   UNDER PLATE : NICKEL PLATING
   (1.0 MICROMETER MINIMUM)
   金具 FITTING NAIL
   錫めっき（1.0 μm以上）
   下地：ニッケルめっき（1.0 μm以上）
   TIN PLATING
   (1.0 MICROMETER MINIMUM)
   UNDER PLATE : NICKEL PLATING
   (1.0 MICROMETER MINIMUM)
3. 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0.05MAXIMUM、下方向0.15MAXIMUMとする。
   MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM G
   UPPER DIRECTION : 0.05MAXIMUM
   LOWER DIRECTION 0.15MAXIMUM.
4. 偶数極に適用。
   APPLY FOR EVEN CIRCUIT.
5. パターンはくり止め用金具。
   FITTING NAIL FOR PREVENTION OF PEELING OF P.C.B. PATTERN.
6. 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. 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-**22 SHOULD BE LOCKED.
8. ソルダーテールの平坦度は、0.12 MAXIMUMとする。
   SOLDER TAIL COPLANARITY IS 0.12 MAXIMUM.
9. ELV及びRoHS適合品
   ELV AND RoHS COMPLIANT.

REV	DESCRIPTION
A	REVISED EC NO: J2013-1168 DRWN:NKONDO 2013/03/19 CH'KD:KTAKAHASHI 2013/03/19 APPR:KMORIKAWA 2013/04/25

GENERAL TOLERANCES (UNLESS SPECIFIED)	
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	SCALE	DESIGN UNITS	
MM ONLY	---	METRIC	THIRD ANGLE PROJECTION

	BY	DATE
DRAWN BY	AISHII	2012/09/05
CHECKED BY	KTAKAHASHI	2012/09/05
APPROVED BY	KMORIKAWA	2013/03/15

TITLE: 0.5MM FPC CONN ZIF S/T HOUSING ASSY

molex

MATERIAL NO.: SEE CHART

DOCUMENT NO.: SD-52559-057

SHEET NO.: 1 OF 2

SIZE: A3

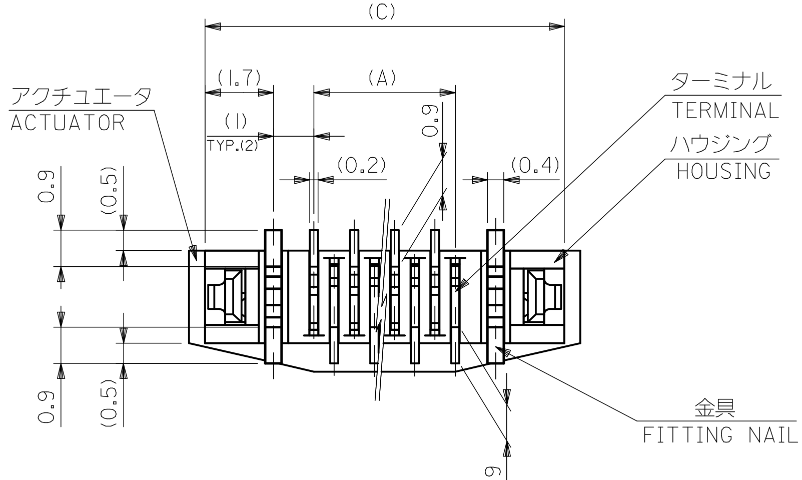
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FPC/FFCについて ABOUT FPC/FFC

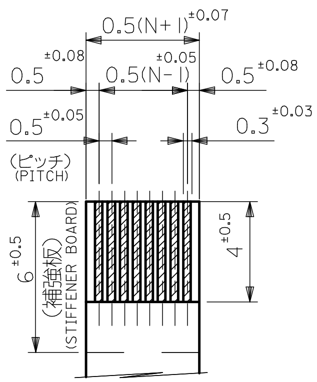
打ち抜き方向は導体側から補強板側を推奨します。
導体部については軟箔銅35μmまたは50μmを推奨します。
RECOMMENDED PUNCHING DIRECTION: FROM CONDUCTOR SIDE TO STIFFENER SIDE
RECOMMENDED CONDUCTOR SPEC: SOFT COPPER FOIL
RECOMMENDED CONDUCTOR THICKNESS: 35 MICROMETER OR 50 MICROMETER

FPCについてABOUT FPC

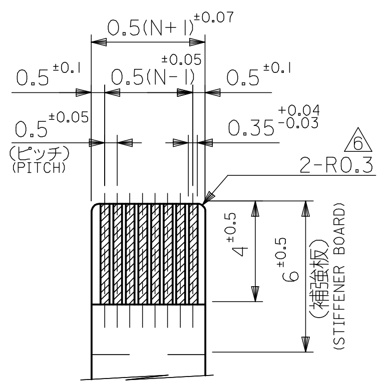
補強フィルム材質はポリイミドを推奨します。ベースフィルムは25μmを推奨します。
接着剤は熱硬化接着剤を推奨します。
尚、接着剤の接点部への付着は導通不良の原因になりますので、染み出しが無い様、お願い致します。
RECOMMENDED STIFFENER MATERIAL: POLYIMIDE
RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER
RECOMMENDED ADHESIVE: THERMOSETTING ADHESIVE
NOTE: PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND BECAUSE THERE IS A POSSIBILITY THAT THE EXTRA ADHESIVE CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.



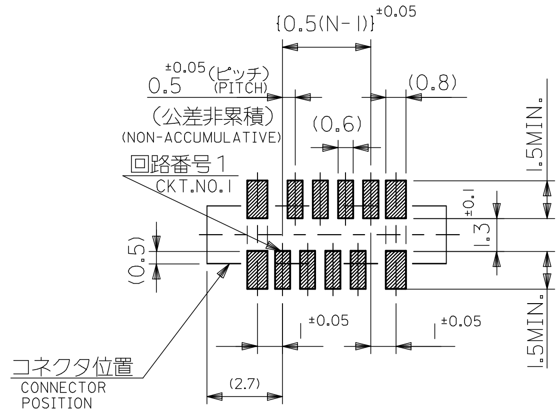
下面図
BOTTOM VIEW



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

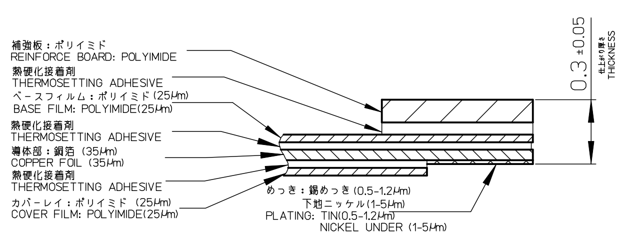


適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION.
(仕上がり厚さ：0.3±0.05)
(THICKNESS:0.3±0.05)



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

マスク厚 : 150μm
マスク開口率 : 100%
SCREEN THICKNESS : 150μm
SCREEN OPEN RATIO : 100%



FPC構成推奨仕様
STRUCTURE OF FPC

D	C	B	(A)	EMBOSSED PACKAGE ORDER No.		極数 CKT.
26.7	25.9	21.65	20.5	52559-4233		42
25.7	24.9	20.65	19.5	52559-4033		40
23.7	22.9	18.65	17.5	-3633		36
22.2	21.4	17.15	16.0		-3334	33
21.7	20.9	16.65	15.5	-3233		32
20.7	19.9	15.65	14.5	-3033		30
19.7	18.9	14.65	13.5	-2833	-2834	28
19.2	18.4	14.15	13.0	-2733		27
18.7	17.9	13.65	12.5	-2633		26
18.2	17.4	13.15	12.0		-2534	25
17.7	16.9	12.65	11.5	-2433	-2434	24
17.2	16.4	12.15	11.0	-2333		23
16.7	15.9	11.65	10.5		-2234	22
16.2	15.4	11.15	10.0	-2133		21
15.7	14.9	10.65	9.5	-2033	-2034	20
14.7	13.9	9.65	8.5		-1834	18
14.2	13.4	9.15	8.0	-1733		17
13.7	12.9	8.65	7.5	-1633	-1634	16
13.2	12.4	8.15	7.0	-1533		15
12.7	11.9	7.65	6.5	-1433	-1434	14
12.2	11.4	7.15	6.0		-1334	13
11.7	10.9	6.65	5.5	-1233		12
10.7	9.9	5.65	4.5	-1033		10
10.2	9.4	5.15	4.0	-0933		9
9.7	8.9	4.65	3.5		-0834	8
8.7	7.9	3.65	2.5	52559-0633		6

CONNECTOR SERIES NO. : 52559-**22

REV	DESCRIPTION	REVISED
A	EC NO: J2013-1168 DRWN:NKONDO 2013/03/15 CH'KD:KTAKAHASHI 2013/03/19 APPR:KMORIKAWA 2013/04/25	

GENERAL TOLERANCES (UNLESS SPECIFIED)

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
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: AISHII DATE: 2012/09/05
CHECKED BY: KTAKAHASHI DATE: 2012/09/05
APPROVED BY: KMORIKAWA DATE: 2013/03/15

TITLE: 0.5MM FPC CONN ZIF S/T HOUSING ASSY

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-52559-057
SHEET NO.: 2 OF 2
SIZE: A3

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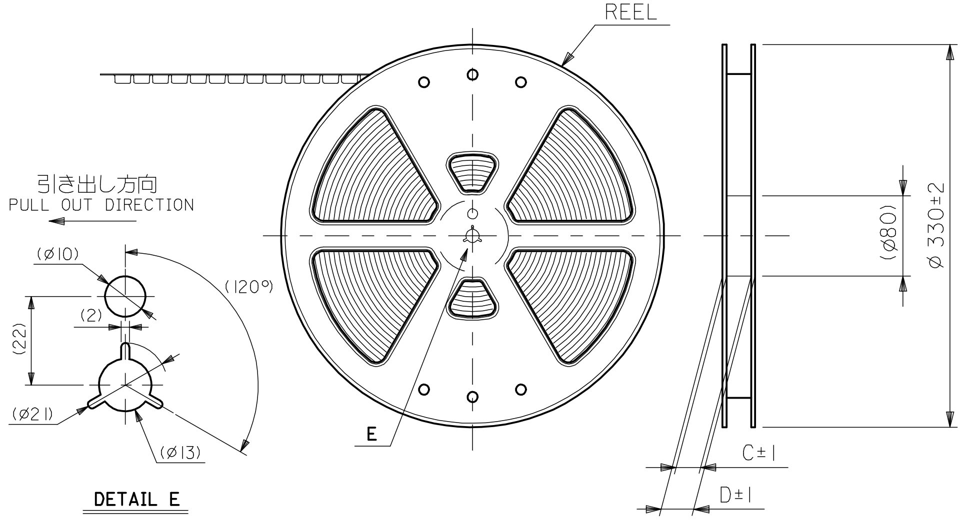
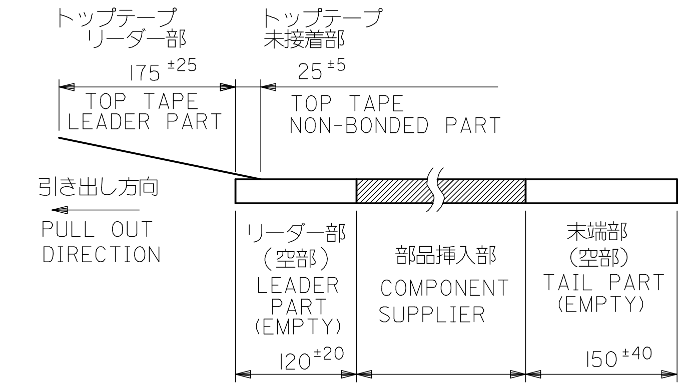


注記 NOTES

1. 製品番号52559-**22の梱包状態は、アクチュエータをロックした状態とする。
   詳細寸法については、図面SD-52559-057を参照ください。
   IN THE PACKAGE,ACTUATOR OF PART NO.52559-**22 SHOULD BE LOCKED
   RE DETAILED DIMENSIONS,SEE SD-52559-057.
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. トップテープの剥離強度については、IEC60286-3に準拠
   TOP TAPE PEEL FORCE IS DEFINED BY IEC60286-3.
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.

REV	A
REVISED	EC NO: J2013-1168 2013/04/16; DRWN:NASANUMA 2013/04/16; CH'KD:KTAKAHASHI 2013/04/16; APPR:KMORIKAWA 2013/04/25
DESCRIPTION	

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

52559-**34	MODEL NO.
DIMENSION STYLE	MM ONLY
SCALE	---
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY / DATE	NASANUMA 2013/02/23
CHECKED BY / DATE	KTAKAHASHI 2013/02/25
APPROVED BY / DATE	KMORIKAWA 2013/03/15
TITLE	EMBOSS TAPE PACKAGED FOR 0.5MM FPC CONN ZIF/ S/T HOUSING ASSY
MATERIAL NO.	SEE CHART
DOCUMENT NO.	SD-52559-059
SHEET NO.	1 OF 3
SIZE	A3

molex

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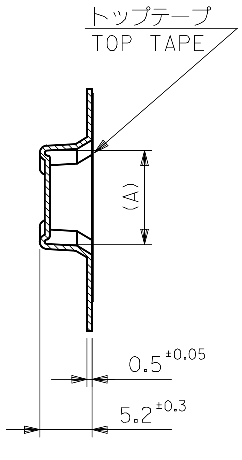
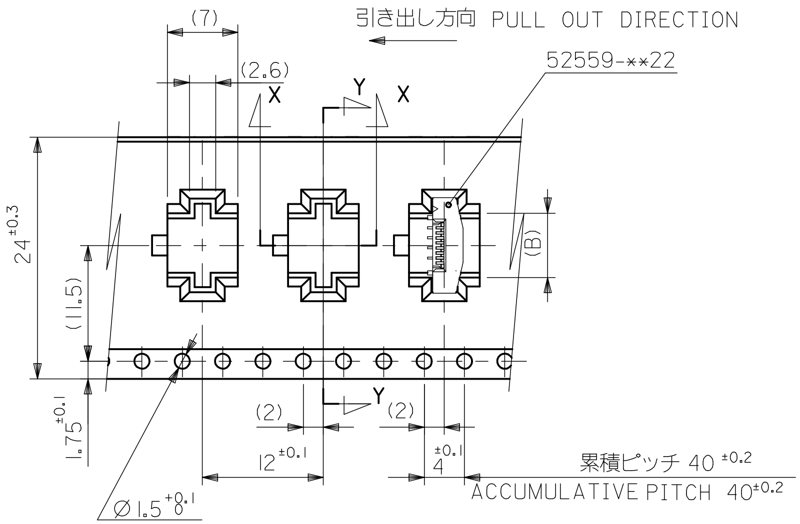
tb_frame_A3_J_ME_S
Rev G 2012/01/25

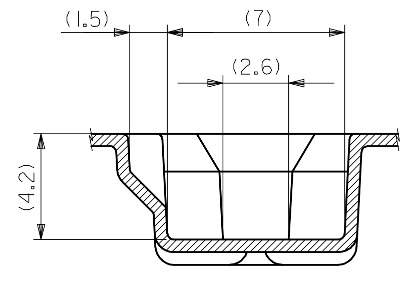


SECT.Y-Y



２４mm幅キャリアテープ

24mm WIDTH CARRIER TAPE



SECT.X-X

MODEL No.52559-**34	キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL. NO.	極数 CIRCUIT
	24	29.4	25.4	13.4	16.3	52559-2234	22
				12.4	15.3	52559-2034	20
				11.4	14.3	52559-1834	18
				10.4	13.3	52559-1634	16
				9.4	12.3	52559-1434	14
				8.9	11.8	52559-1334	13
				6.4	9.3	52559-0834	8

SEE SHEET 1 OF 3

REV	DESCRIPTION		
A	EC NO: J2013-1168		
	DRWN:NASANUMA	2013/04/16	
	CH'KD:KTAKAHASHI	2013/04/16	
	APPR:KMORIKAWA	2013/04/25	

GENERAL TOLERANCES (UNLESS SPECIFIED)

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	SCALE	DESIGN UNITS	
MM ONLY	---	METRIC	THIRD ANGLE PROJECTION

	DATE
DRAWN BY NASANUMA	2013/02/23
CHECKED BY KTAKAHASHI	2013/02/23
APPROVED BY KMORIKAWA	2013/03/15

TITLE
EMBOSS TAPE PACKAGED FOR 0.5MM FPC CONN ZIF S/T HOUSING ASSY

molex

MATERIAL NO. SEE CHART

DOCUMENT NO. SD-52559-059

SHEET NO. 2 OF 3

SIZE A3

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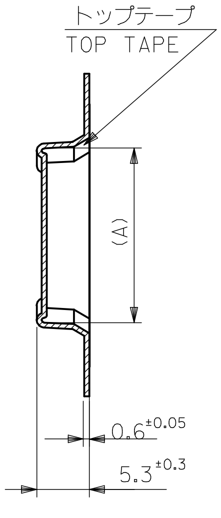
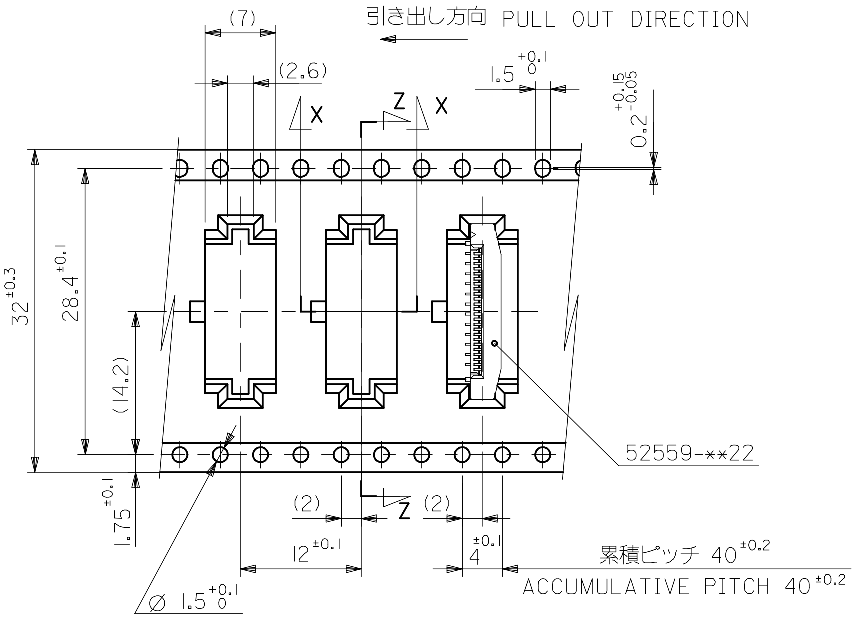
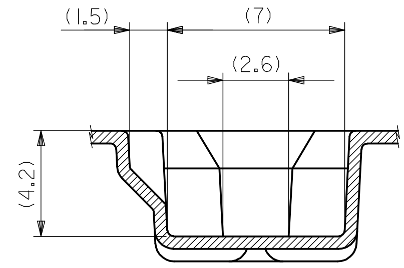


SECT.Z-Z



３２mm幅キャリアテープ
32mm WIDTH CARRIER TAPE



SECT.X-X

MODEL No.52559-**34

キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL. NO.	極数 CIRCUIT
32	37.4	33.4	18.9	21.8	52559-3334	33
			16.4	19.3	52559-2834	28
			14.9	17.8	52559-2534	25
			14.4	17.3	52559-2434	24

SEE SHEET 1 OF 3
EC NO: J2013-1168
DRWN:NASANUMA 2013/04/16
CH'KD:KTAKAHASHI 2013/04/16
APPR:KMORIKAWA 2013/04/25
DESCRIPTION
REV A

GENERAL TOLERANCES (UNLESS SPECIFIED)

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
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: NASANUMA DATE: 2013/02/23
CHECKED BY: KTAKAHASHI DATE: 2013/02/23
APPROVED BY: KMORIKAWA DATE: 2013/03/15

TITLE: EMBOSS PACKAGED FOR 0.5MM FPC CONN ZIF S/T HOUSING ASSY

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-52559-059
SHEET NO.: 3 OF 3
SIZE: A3

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tb_frame_A3_J_ME_S
Rev G 2012/01/25