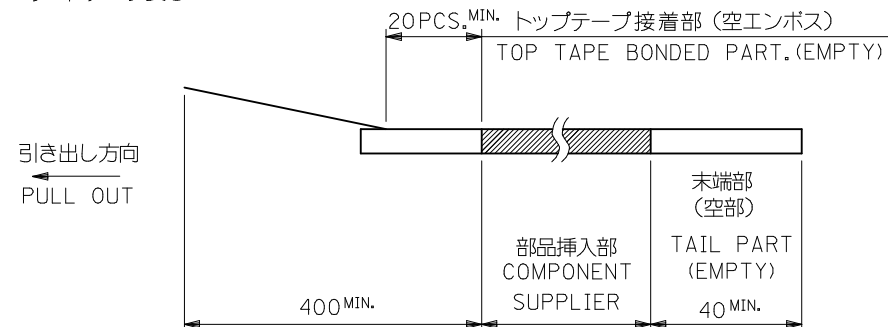


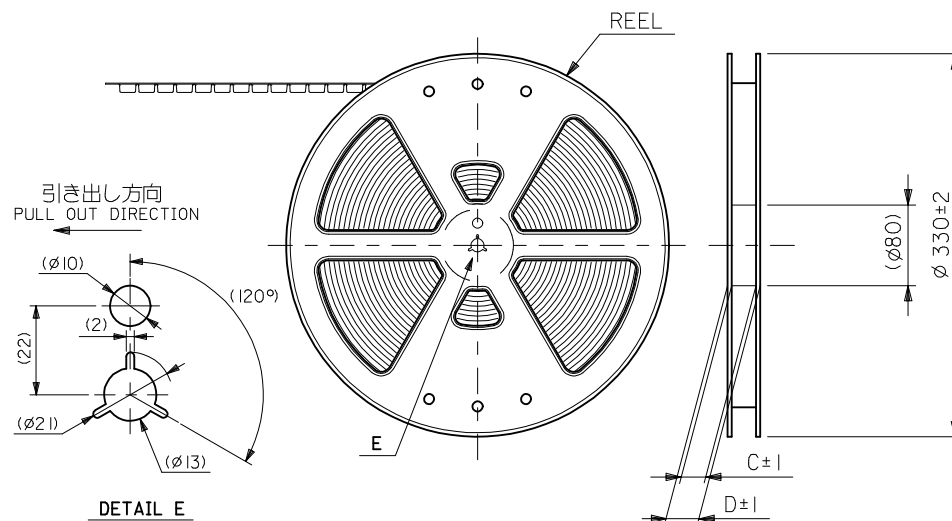
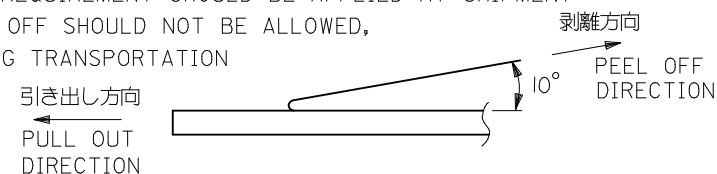
## 注記 NOTES

- 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。  
詳細寸法については図面 SD-52559-027 を参照下さい。  
IN THE PACKAGE,ACTUATOR OF PART NO.52559-\*\*-\*\*19 SHOULD BE LOCKED  
RE DETAILED DIMENSIONS,SEE SD-52559-027
- 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



- 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>

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

- 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.

52559-\*\*-\*\*72

MODEL NO.

REVISED EC NO: J2009-2061 DRWN:TKON CHKD:HMATSUMOTO APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION				
		10 UNDER	± 0.2	DRAWN BY H. SHIMABUKU	DATE 2004/01/07	TITLE 0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE-						
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE 2004/01/07							
		30 OVER	± 0.3	APPROVED BY M. SASAO	DATE 2004/01/07				 MOLEX INCORPORATED			
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.						SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2-4		SD-52559-028						1 OF 4
		REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

F

E

D

C

B

A

F

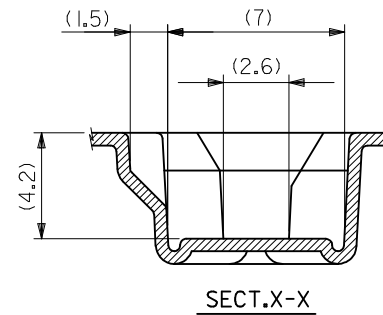
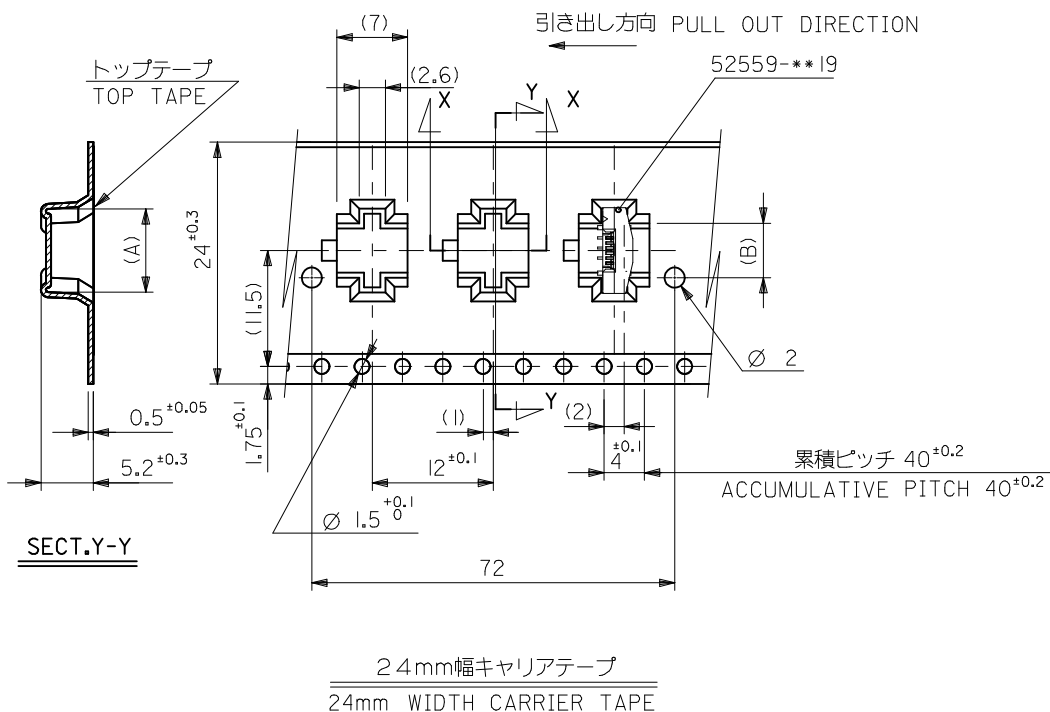
E

D

C

B

A



24	29.4	25.4	14.4	17.3	52559-2472	24
			13.9	16.8	52559-2372	23
			12.9	15.8	52559-2172	21
			12.4	15.3	52559-2072	20
			10.9	13.8	52559-1772	17
			10.4	13.3	52559-1672	16
			9.9	12.8	52559-1572	15
			9.4	12.3	52559-1472	14
			8.4	11.3	52559-1272	12
			7.4	10.3	52559-1072	10

REVISED EC NO: J2009-2061 2009/05/20 DRWN:TKN CHKD:HMATSUMOTO 2009/05/21 APPR:NUKITA 2009/05/21	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
		10 UNDER	±0.2	DRAWN BY H. SHIMABUKUR		DATE 2004/01/07		TITLE 0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY K. TOJO		DATE 2004/01/07						
		30 OVER	±0.3	APPROVED BY M. SASAO		DATE 2004/01/07		MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.		
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52559-028				2 OF 4		
				SIZE A3	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

F

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D

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B

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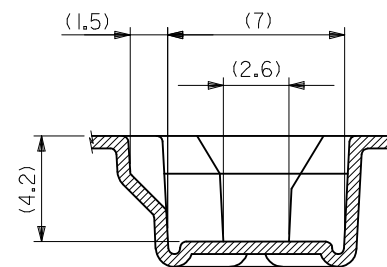
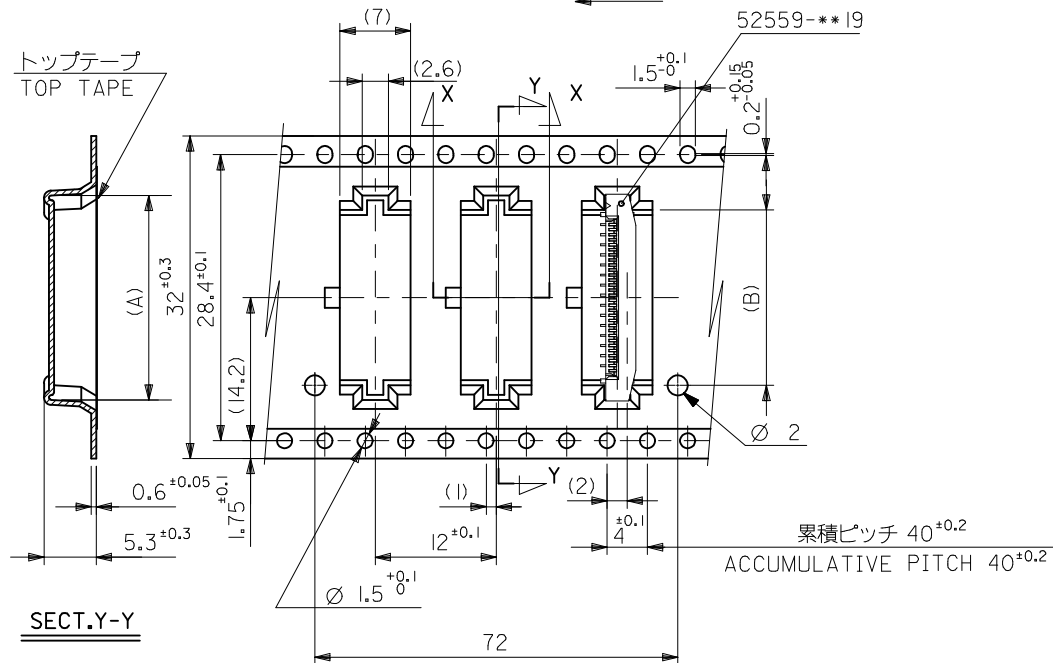
B

A

引き出し方向 PULL OUT DIRECTION

52559-\*\*I9

トップテープ  
TOP TAPE



SECT.X-X

32mm幅キャリアテープ  
32mm WIDTH CARRIER TAPE

52559-\*\*72

MODEL NO.

キャリアテープ幅  
CARRIER TAPE WIDTH

DIMENSION STYLE  
MM ONLY

SCALE  
---

DESIGN UNITS  
METRIC

THIRD ANGLE  
PROJECTION

DRAWN BY DATE

CHECKED BY DATE

APPROVED BY DATE

MATERIAL NO.

TITLE

0.5 FPC CONN ASSY ZIF

SMT ST EMBSTP PKG

-LEAD FREE-

MOLEX INCORPORATED

DOCUMENT NO.

SD-52559-028

SHEET NO.

3 OF 4

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

REVISED  
EC NO.: J2009-2061  
DRWN:TKGN  
CHKD:HMATSUMOTO  
APPR:NUKITA  
2009/05/20  
2009/05/21  
2009/05/21

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	

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

E

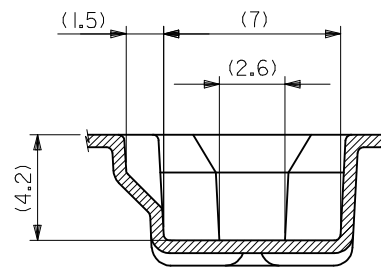
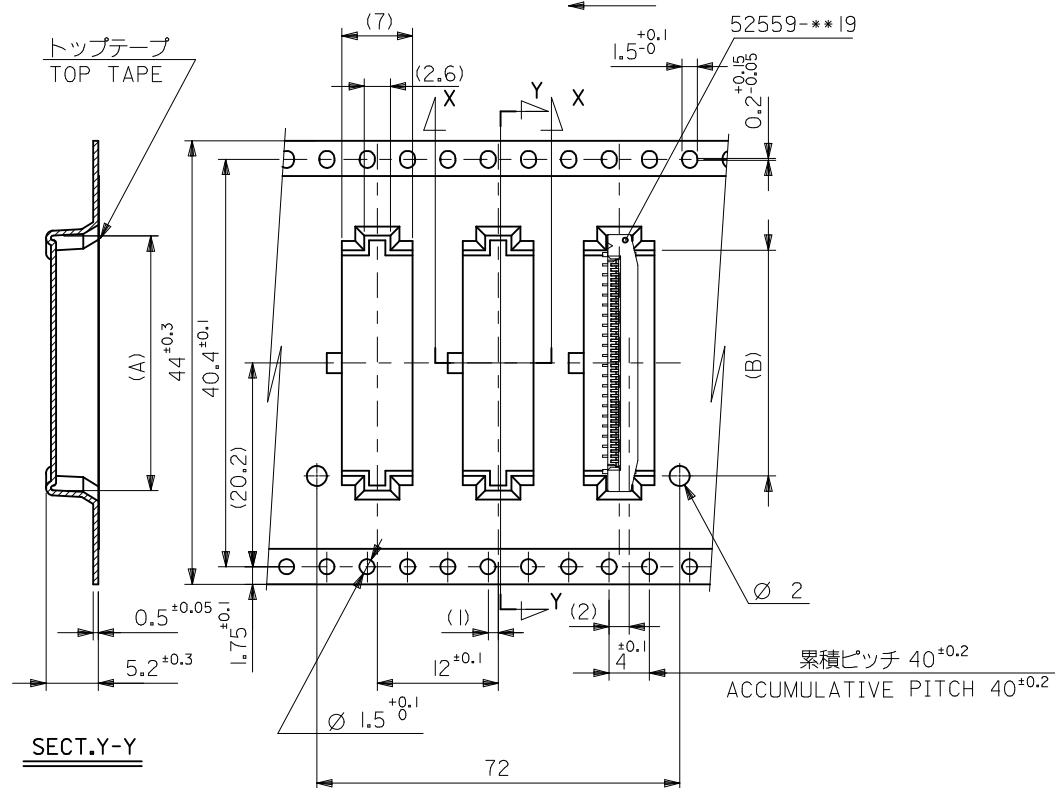
D

C

B

A

引き出し方向 PULL OUT DIRECTION



SECT.X-X

SECT.Y-Y

44mm幅キャリアテープ  
44mm WIDTH CARRIER TAPE

REVISED EC NO. J2009-2061 DRWN:TKN CHKD:HMATSUMOTO APPR:NUKITA		DESCRIPTION		252559-**72		44		49.4		45.4		22.4		23.3		52559-4072		40	
				MODEL NO.		キヤリアテープ幅 CARRIER TAPE WIDTH		D		C		(B)		(A)		52559-3672		36	
																MATERIAL NO.		CIRCUIT NO.	
B		REV		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY				SCALE ---		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION					
						DRAWN BY H. SHIMABUKUR		DATE 2004/01/07		TITLE 0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE-		MOLEX INCORPORATED							
				CHECKED BY K. TOJO		DATE 2004/01/07													
				10 UNDER ±0.2		10 OVER 30 UNDER ±0.25		APPROVED BY M. SASAO		DATE 2004/01/07		DOCUMENT NO.		SHEET NO.					
				30 OVER ±0.3		ANGULAR ±3 °		MATERIAL NO.		SEE TABLE		SD-52559-028		4 OF 4					
				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											

DWG. NO.  
SD-52559-045

F

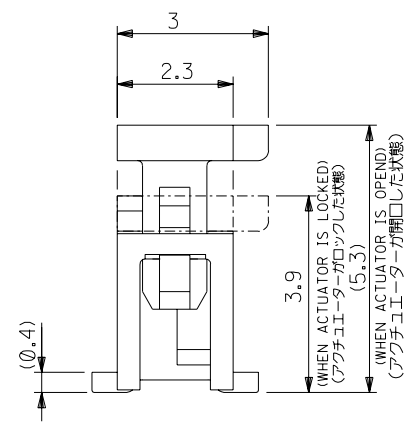
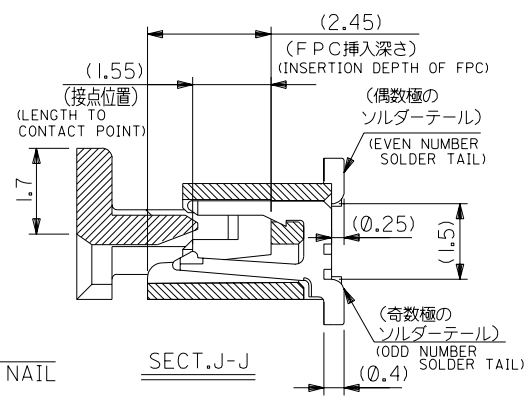
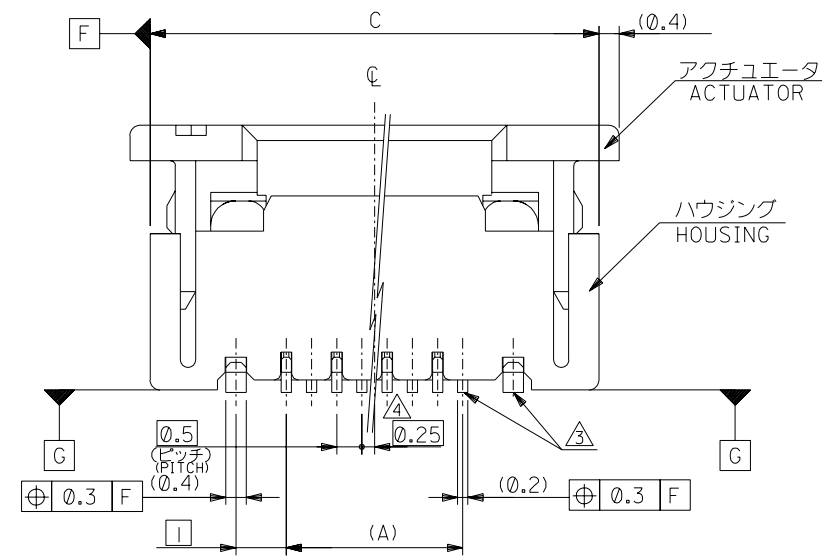
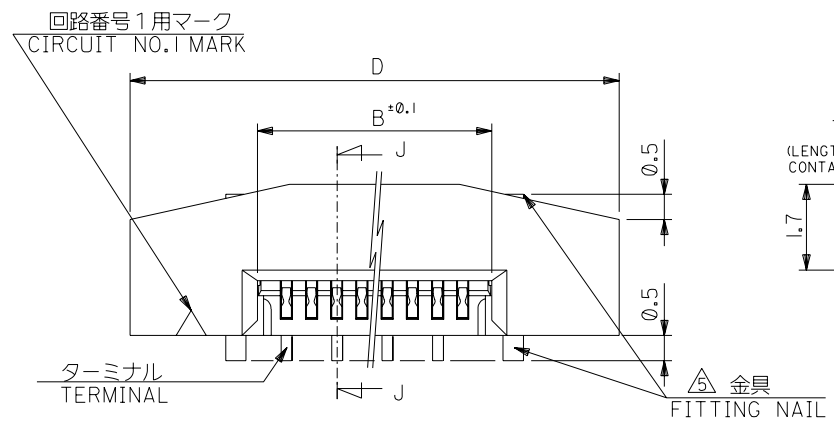
D

A

C

B

DO NOT SCALE DRAWING



### 注記 NOTES

- 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)  
ターミナル PHOS-BRO  
TERMINAL : 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
- 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.  
△ R.O. 3は、F.P.Cの導体部にかからないこと。  
R.O.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.
- 本製品は 52559-\*\*17 の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 52559-\*\*17

REVISED			MATERIAL			GENERAL TOLERANCES:			SCALE			DESIGN UNITS			TITLE:		
DRAWN: H. KAWABATA			FINISH			10 UNDER			—			mm			0.5 FPC Conn. Assy ZIF.		
CH'K: K. TOJO			WIRE RANGE			10 OVER			mm			mm			-LEAD FREE-		
APPR: H. Sato			INS. RANGE			30 UNDER			mm			mm			MOLEX INCORPORATED		
DRAWN: H. SHIMABUKURO			REV			30 OVER			mm			mm			MATERIAL NO.		
CH'K: K. TOJO			DESCRIPTION			ANGLE			mm			mm			DRAWING NO.		
APPR: H. Sato			SEE NOTES			3°			mm			mm			SD-52559-045		
DRAWN: H. SHIMABUKURO			REV			ANGLE			mm			mm			SHEET NO.		
CH'K: K. TOJO			DESCRIPTION			ANGLE			mm			mm			1 OF 2		
APPR: H. Sato			DESCRIPTION			ANGLE			mm			mm			SIZE		
DRAWN: H. SHIMABUKURO			DESCRIPTION			ANGLE			mm			mm			B		
CH'K: K. TOJO			DESCRIPTION			ANGLE			mm			mm			EN-02J(097) MXJ-54		
APPR: H. Sato			DESCRIPTION			ANGLE			mm			mm					

SD-52559-045.30

DWG. NO.  
SD-52559-045

F

D

V

C

B

DO NOT SCALE DRAWING

8 7 6 5 4 3 2 1

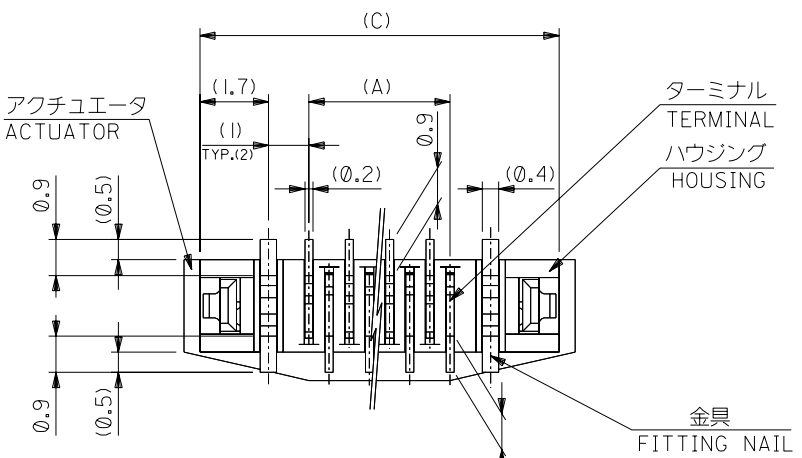
F

E

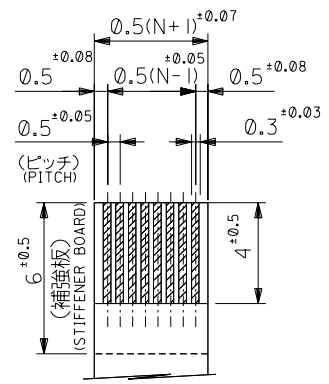
D

C

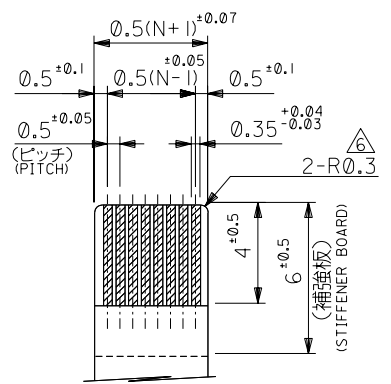
B



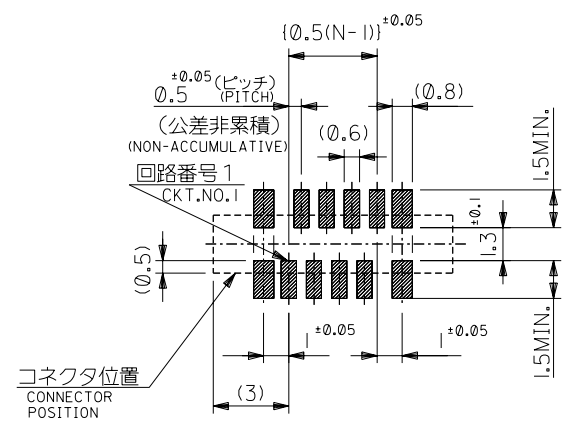
下面図  
BOTTOM VIEW



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)



コネクタ位置  
CONNECTOR POSITION

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

25.7	24.9	20.65	19.5	52559-4019	40
23.7	22.9	18.65	17.5	-3619	36
22.2	21.4	17.15	16.0	-3319	33
21.7	20.9	16.65	15.5	-3219	32
21.2	20.4	16.15	15.0	-3119	31
20.7	19.9	15.65	14.5	-3019	30
20.2	19.4	15.15	14.0	-2919	29
19.7	18.9	14.65	13.5	-2819	28
19.2	18.4	14.15	13.0	-2719	27
18.7	17.9	13.65	12.5	-2619	26
18.2	17.4	13.15	12.0	-2519	25
17.7	16.9	12.65	11.5	-2419	24
17.2	16.4	12.15	11.0	-2319	23
16.7	15.9	11.65	10.5	-2219	22
16.2	15.4	11.15	10.0	-2119	21
15.7	14.9	10.65	9.5	-2019	20
15.2	14.4	10.15	9.0	-1919	19
14.7	13.9	9.65	8.5	-1819	18
14.2	13.4	9.15	8.0	-1719	17
13.7	12.9	8.65	7.5	-1619	16
13.2	12.4	8.15	7.0	-1519	15
12.7	11.9	7.65	6.5	-1419	14
12.2	11.4	7.15	6.0	-1319	13
11.7	10.9	6.65	5.5	-1219	12
11.2	10.4	6.15	5.0	-1119	11
10.7	9.9	5.65	4.5	-1019	10
10.2	9.4	5.15	4.0	-0919	9
9.7	8.9	4.65	3.5	-0819	8
8.7	7.9	3.65	2.5	52559-0619	6
D	C	B	(A)	MATERIAL NO.	極数

DESIGN NO. DRAWN: CHK'g: APPR'g:	DESIGN NO. DRAWN: CHK'g: APPR'g:	DESIGN NO. DRAWN: CHK'g: APPR'g:	REVISED DESIGN NO. J2004-3551 DRAWN: H.KAWABATA '04/04/05 CHK'g: K.TOJO '04/04/05 APPR: H. Sato '04/04/05	RELEASED DESIGN NO. J2004-1818 DRAWN: H.SHIMABUKURO '04/01/07 CHK'g: K.TOJO '04/01/07 APPR: H. Sato '04/01/07	MATERIAL 材料  注記参照  SEE NOTES	DESCRIPTION	FINISH 仕上	WIRE RANGE 適用電線範囲	INS. RANGE 被覆外径	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE —	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	MODEL NO. 52559-***19	DIMENSIONS: mm INCH	SHT	REV	TITLE: 0.5 FPC Conn. Assy ZIF. -LEAD FREE-		MATERIAL NO. SEE CHART	DRAWING NO. SD-52559-045	SHEET NO. 2 OF 2	SIZE B										
										DRAWN BY & DATE H.SHIMABUKURO '04/01/07		CHECKED BY & DATE K.TOJO '04/01/07						APPROVED BY & DATE H. Sato '04/01/07						CAD FILENAME SD-52559-045.S02		MATERIAL NO. SEE CHART		DRAWING NO. SD-52559-045		SHEET NO. 2 OF 2			
										10 UNDER 未満		±0.2	10 OVER 以上 30 UNDER 未満					±0.25	30 OVER 以上					±0.3	ANGLE 角度		±3°	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					

8 7 6 5 4 3 2 1

SD-52559-045.S02

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

52559-3272