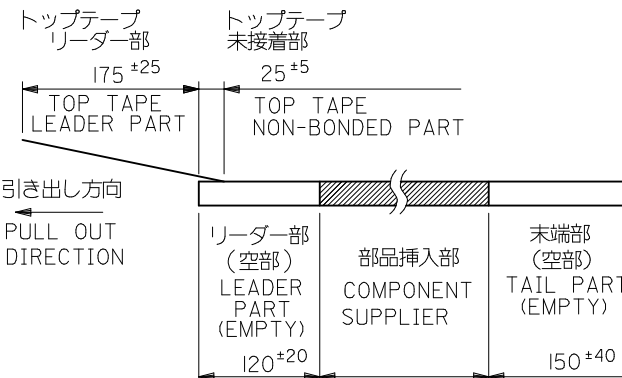
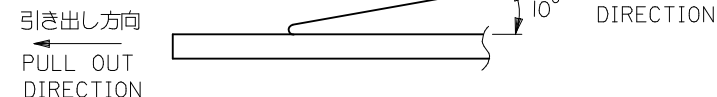


注記 NOTES

- 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-**-19 を参照下さい。
IN THE PACKAGE,ACTUATOR OF PART NO.52559-**-19 SHOULD BE LOCKED
RE DETAILED DIMENSIONS,SEE SD-52559-**-19
- 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



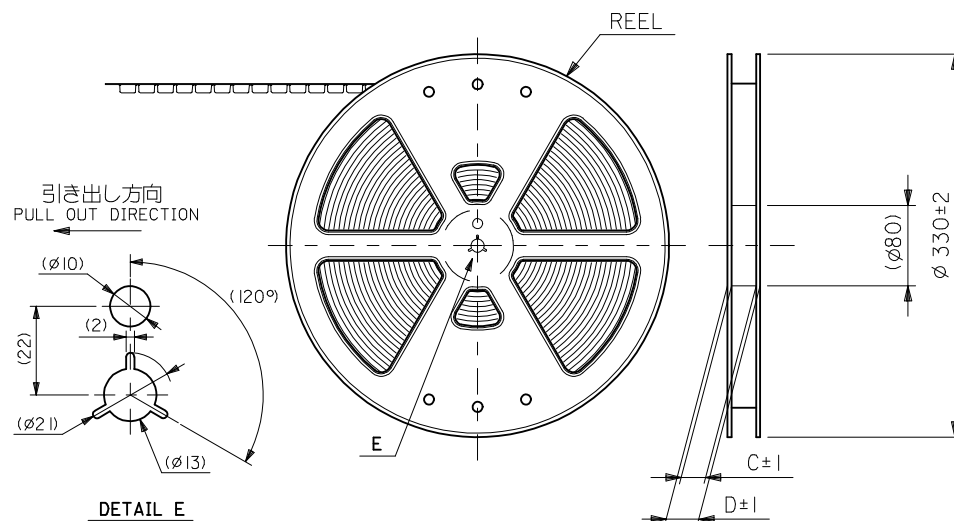
- トップテープの剥離強度：(剥離方向は下図参照)
0.1N～1.3N {10gf～130gf}尚、本規格値は、出荷時に適用。
(但し、輸送時に剥離が発生しない事。)
PEELING OFF FORCE OF TOP TAPE
0.1～1.3N{10gf～130gf}(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT
PEEL OFF SHOULD NOT BE ALLOWED,
DURING TRANSPORTATION



- 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>

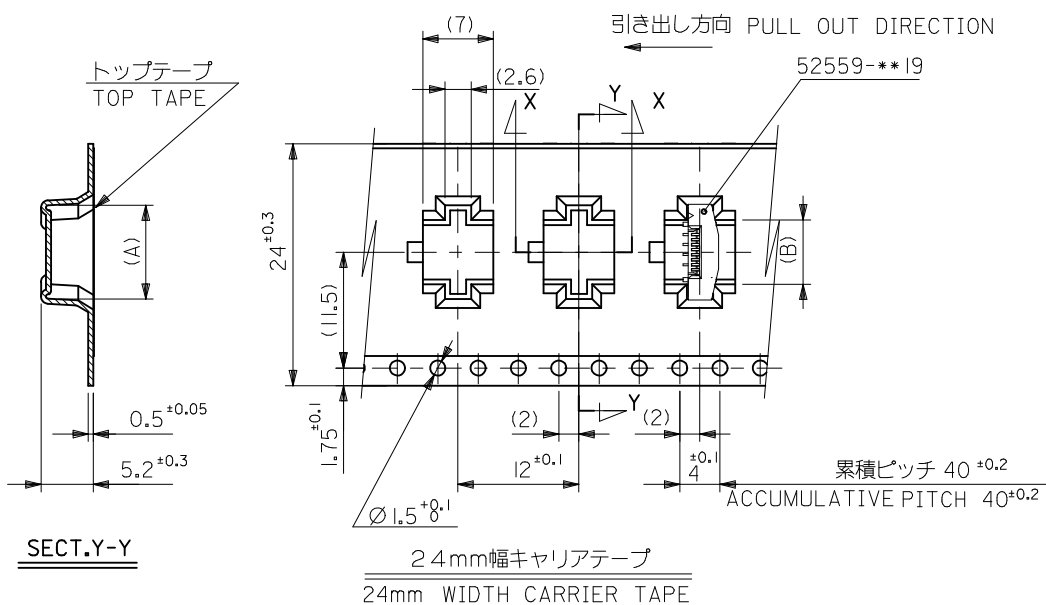
MATERIAL CARRIER TAPE:POLYPROPYLENE
TOP TAPE:PET,PE,PEF
REEL:POLYSTYREN(PS)
<RECYCLE MATERIAL CONTAINED>

- 本製品は 52559-**-90の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF
- 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.



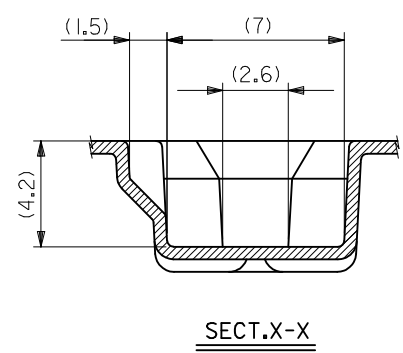
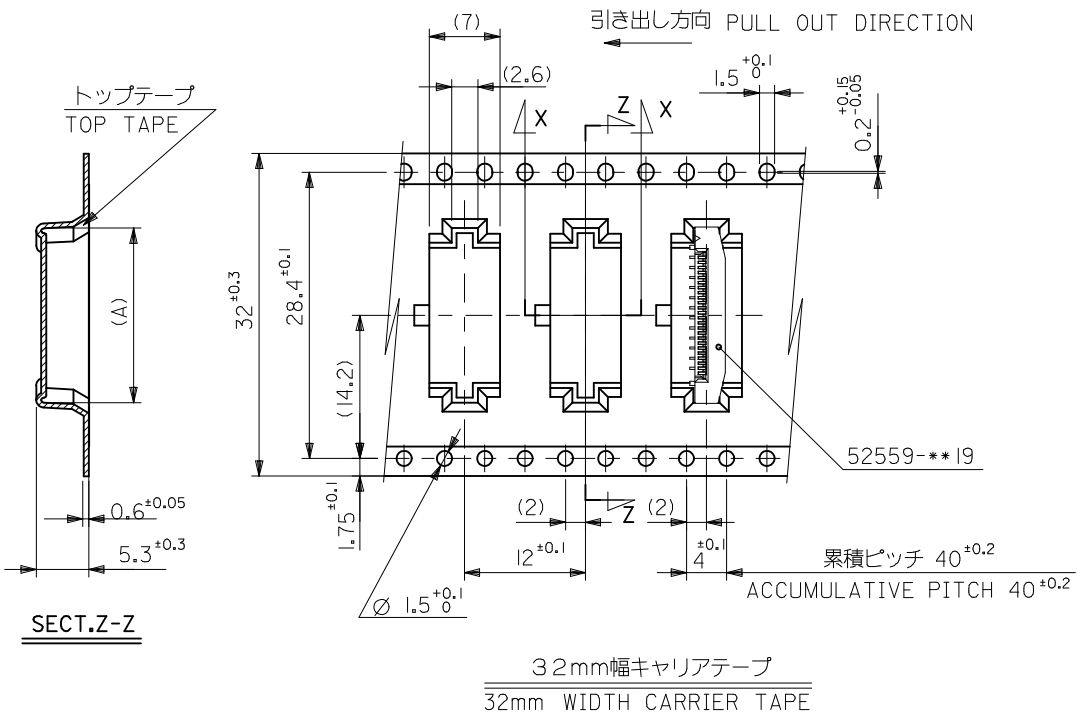
DETAIL E

REVISED EC NO: J2009-2061 DRAWN:TKN CHKD:HMATSUMOTO APPR:NUKITA 2009/05/20 2009/05/21 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 HSHI MABUKURO	DATE '04/01/07	TITLE 0.5 FPC CONN ASSY ZIF SMT SMT EMBSTP PKG -LEAD FREE-	 MOLEX INCORPORATED	DOCUMENT NO. SD-52559-029	SHEET NO. 1 OF 4
		10 OVER 30 UNDER	±0.25	CHECKED BY KTOJO	DATE '04/01/07				
		30 OVER	±0.3	APPROVED BY MSASAO	DATE '04/01/07				
		ANGULAR ±3 °		MATERIAL NO. SEE SHEET 2-4					
	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				



24	29.4	25.4	13.4	16.3	52559-2270	22
			12.4	15.3	52559-2070	20
			11.9	14.8	52559-1970	19
			11.4	14.3	52559-1870	18
			10.4	13.3	52559-1670	16
			9.9	12.8	52559-1570	15
			9.4	12.3	52559-1470	14
			8.9	11.8	52559-1370	13
			8.4	11.3	52559-1270	12
			7.9	10.8	52559-1170	11
			6.4	9.3	52559-0870	8
5.4	8.3	52559-0670	6			
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL. NO.	極致 CIRCUIT

REVISED EC NO.: J2009-2061 2009/05/20 DRWN:TKON CHKD:HMATSUMOTO 2009/05/21 APPR:NUKITA 2009/05/21 D		DESCRIPTION REV		MODEL No.52559-**-70		キャリアテープ幅 CARRIER TAPE WIDTH		D		C		(B)		(A)		MATERIAL. NO.		極致 CIRCUIT	
				GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY				SCALE ---		DESIGN UNITS METRIC		 THIRD ANGLE PROJECTION					
						DRAWN BY HSHIMABUKURO		DATE '04/01/07		TITLE 0.5 FPC CONN ASSY ZIF SMT SMT EMBSTP PKG -LEAD FREE- MOLEX INCORPORATED									
				10 UNDER ±0.2		CHECKED BY KTOJO		DATE '04/01/07											
				10 OVER 30 UNDER ±0.25		APPROVED BY MSASAO		DATE '04/01/07											
				30 OVER ±0.3		MATERIAL NO.		DOCUMENT NO.		SHEET NO.									
				ANGULAR ±3 °		SEE TABLE		SD-52559-029				2 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															



32	37.4	33.4	18.9	21.8	52559-3370	33
			18.4	21.3	52559-3270	32
			17.4	20.3	52559-3070	30
			16.4	19.3	52559-2870	28
			15.4	18.3	52559-2670	26
			14.9	17.8	52559-2570	25
			14.4	17.3	52559-2470	24

REVISED		EC NO: J2009-2061		2009/05/20		2009/05/21		2009/05/21		MODEL No.52559-**70		キャリアテープ幅 CARRIER TAPE WIDTH		D		C		(B)		(A)		MATERIAL. NO.		極致 CIRCUIT	
D		DRWN:TKN		CHKD:HMATSUMOTO		APPR:NUKITA		DESCRIPTION REV		GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY				SCALE ---		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION			
										10 UNDER		±0.2		DRAWN BY HSHIMABUKURO		DATE '04/01/07		TITLE 0.5 FPC CONN ASSY ZIF SMT SMT EMBSTP PKG -LEAD FREE- MOLEX INCORPORATED							
										10 OVER 30 UNDER		±0.25		CHECKED BY KTOJO		DATE '04/01/07									
										30 OVER		±0.3		APPROVED BY MSASAO		DATE '04/01/07									
										ANGULAR ±3 °				MATERIAL NO.				DOCUMENT NO.				SHEET NO.			
										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE				SD-52559-029				3 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

E

D

C

B

A

F

E

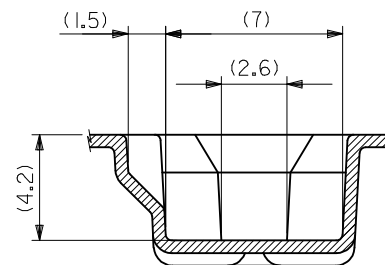
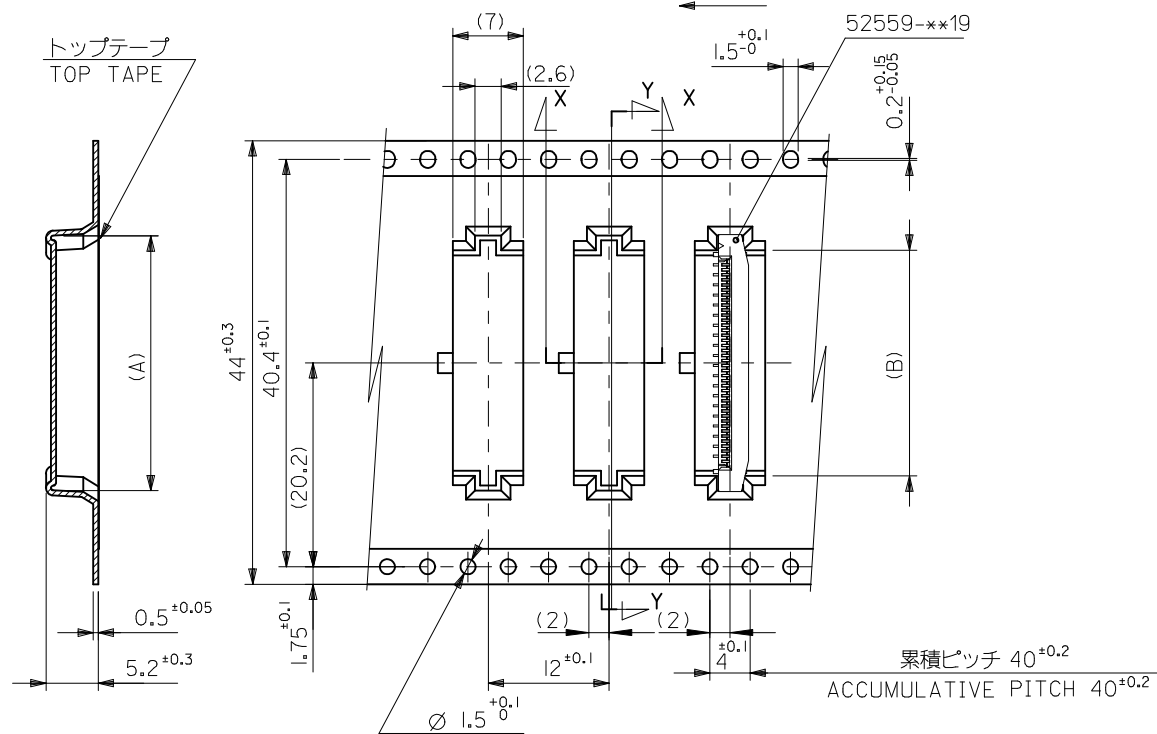
D

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

MODEL No.52559-**-70

キャリアテープ幅
CARRIER TAPE WIDTH

D

C

(B)

(A)

MATERIAL NO.

CIRCUIT NO.

44

49.4

45.4

22.4

25.3

52559-4070

40

20.4

23.3

52559-3670

36

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

DESCRIPTION
REV

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	
DRAWN BY	DATE
HS HIMABUKURO	'04/01/07
CHECKED BY	DATE
KTOJO	'04/01/07
APPROVED BY	DATE
MSASAO	'04/01/07
MATERIAL NO.	
SEE TABLE	
SIZE	
A3	

SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
TITLE			
0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE-			
MOLEX INCORPORATED			
DOCUMENT NO.			SHEET NO.
SD-52559-029			4 OF 4
AINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

DWG. NO.
SD-52559-045

F

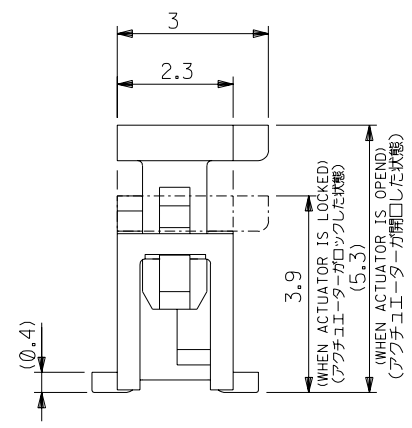
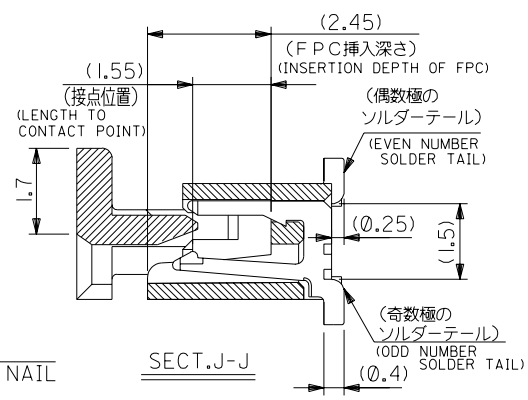
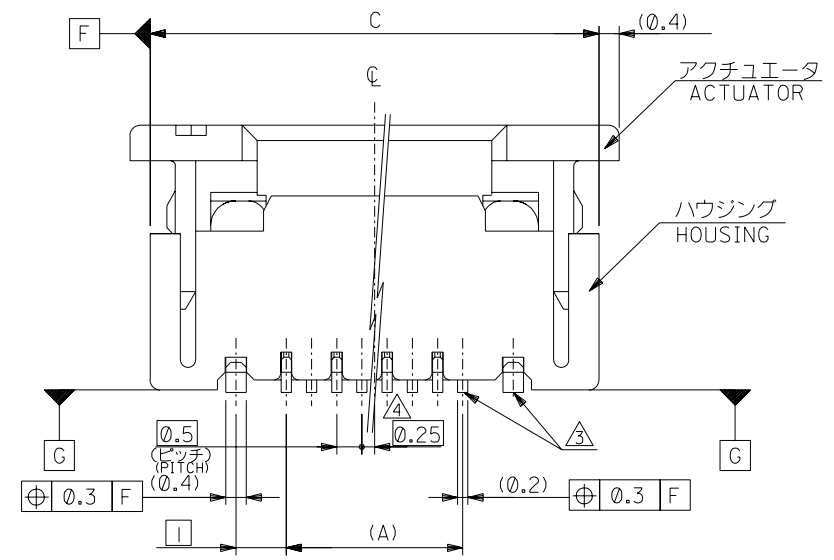
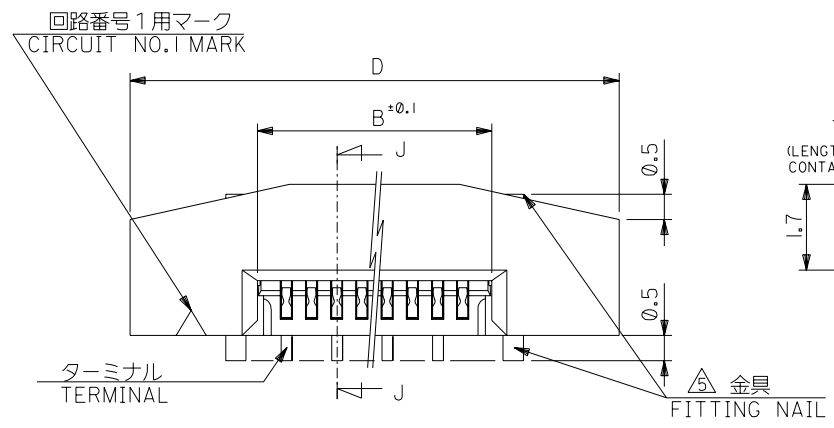
D

A

C

B

DO NOT SCALE DRAWING

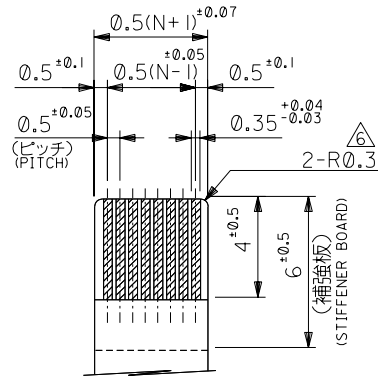


注記 NOTES

- 使用材料 : MATERIAL
ハウジング : 46NYLON UL94V-0
アクチュエータ : PPS UL94V-0
ターミナル : リン青銅 (t=0.2)
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
- 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.
- △ 偶数種に適用。
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

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

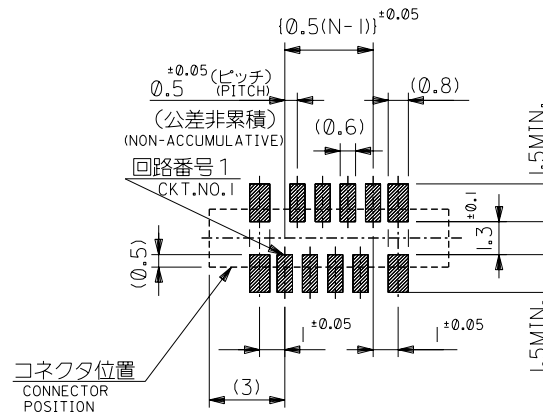
SD-52559-045.30



適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION.
(仕上がり厚さ: $0.3^{+0.05}$)
(THICKNESS: $0.3^{+0.05}$)

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

25.7	24.9	20.65
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参考基板レイアウト
(マウント面)

RECOMMENDED P.C.BOARD
PATTERN DIMENSION (REF.)
(MOUNTING SIDE)

25.7	24.9	20.65	19.5	52559-40 19	40
23.7	22.9	18.65	17.5	-36 19	36
22.2	21.4	17.15	16.0	-33 19	33
21.7	20.9	16.65	15.5	-32 19	32
21.2	20.4	16.15	15.0	-31 19	31
20.7	19.9	15.65	14.5	-30 19	30
20.2	19.4	15.15	14.0	-29 19	29
19.7	18.9	14.65	13.5	-28 19	28
19.2	18.4	14.15	13.0	-27 19	27
18.7	17.9	13.65	12.5	-26 19	26
18.2	17.4	13.15	12.0	-25 19	25
17.7	16.9	12.65	11.5	-24 19	24
17.2	16.4	12.15	11.0	-23 19	23
16.7	15.9	11.65	10.5	-22 19	22
16.2	15.4	11.15	10.0	-21 19	21
15.7	14.9	10.65	9.5	-20 19	20
15.2	14.4	10.15	9.0	-19 19	19
14.7	13.9	9.65	8.5	-18 19	18
14.2	13.4	9.15	8.0	-17 19	17
13.7	12.9	8.65	7.5	-16 19	16
13.2	12.4	8.15	7.0	-15 19	15
12.7	11.9	7.65	6.5	-14 19	14
12.2	11.4	7.15	6.0	-13 19	13
11.7	10.9	6.65	5.5	-12 19	12
11.2	10.4	6.15	5.0	-11 19	11
10.7	9.9	5.65	4.5	-10 19	10
10.2	9.4	5.15	4.0	-09 19	9
9.7	8.9	4.65	3.5	-08 19	8
8.7	7.9	3.65	2.5	52559-06 19	6
D	C	B	(A)	MATERIAL NO.	枚数

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