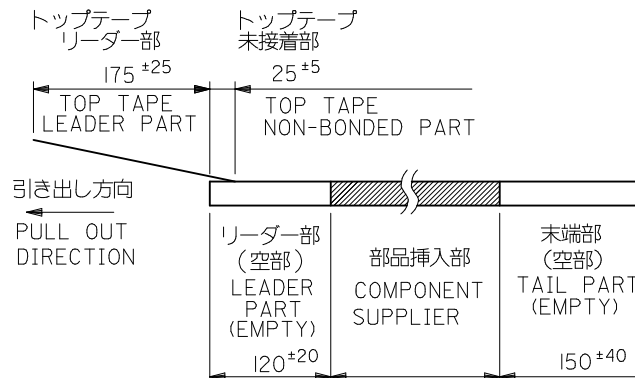
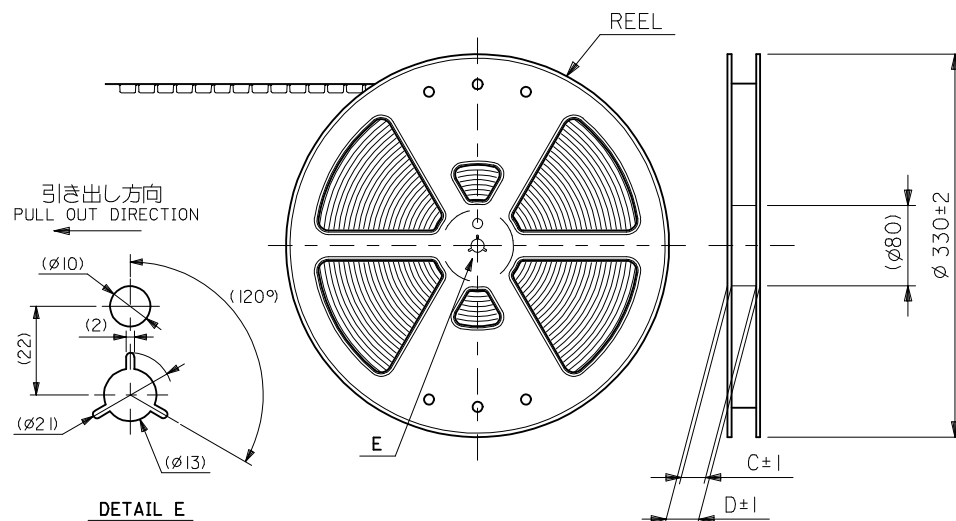
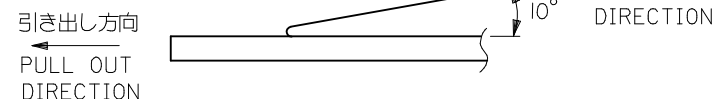


注記 NOTES

- 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

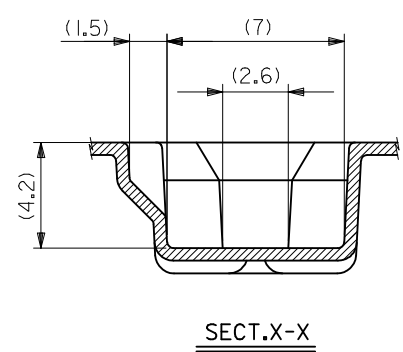
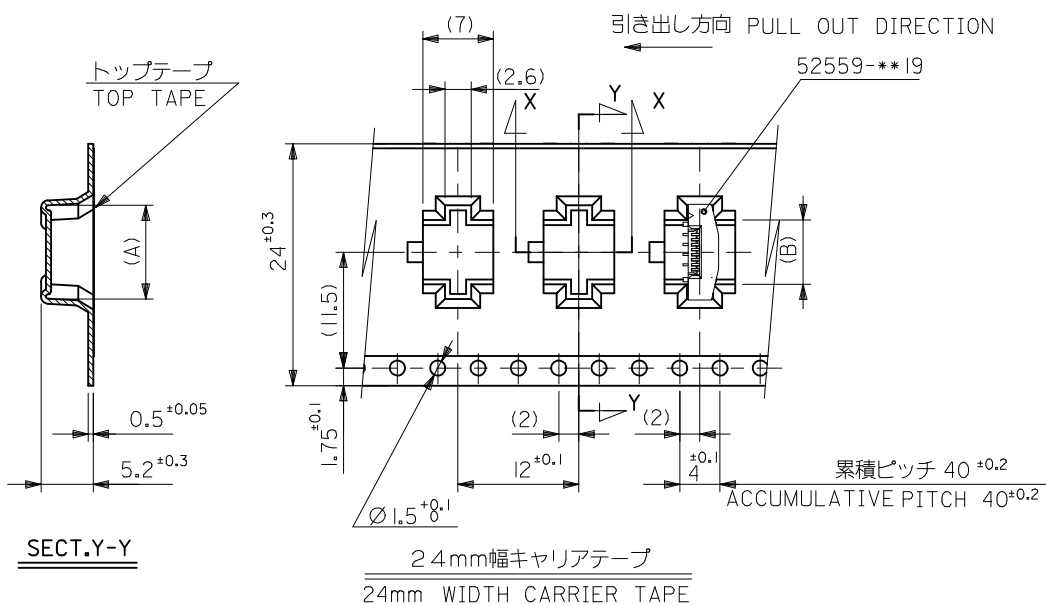


- 材料
キャリアテープ：ポリプロピレン（PP）
トップテープ：PET, PE, PEF
リール：ポリスチレン（PS）＜リサイクル材を含む＞

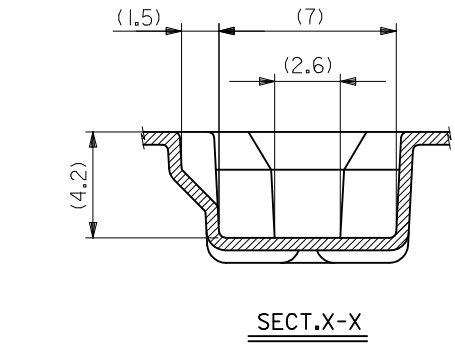
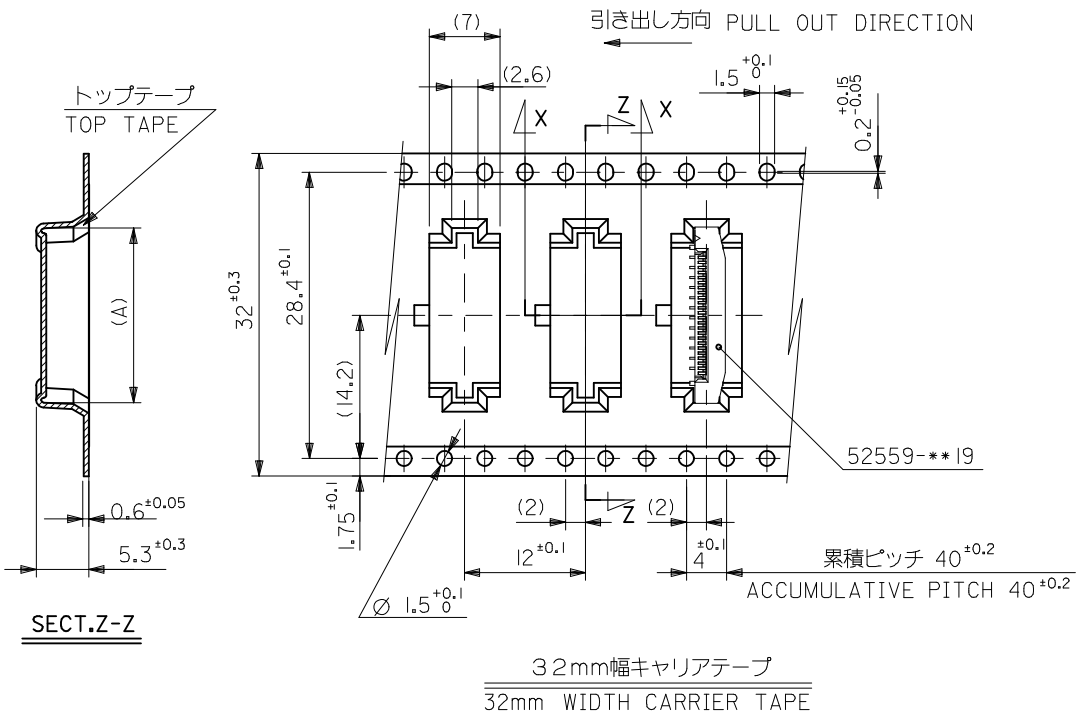
MATERIAL CARRIER TAPE:POLYPROPYLENE
TOP TAPE:PET,PE,PEF
REEL:POLYSTYREN(PS)
＜RECYCLE MATERIAL CONTAINED＞

- 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.

REVISED EC NO: J2016-0872 DRWN:FSATO CHKD:KATAHASHI APPR: KUSUHARA01 2016/02/16 2016/02/16 2016/03/02	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		0.25 UNDER	UNDER	±0.2	DRAWN BY	DATE	TITLE 0.5 FPC CONN ASSY ZIF SMT SMT EMBSTP PKG -LEAD FREE- molex		
		0.25 OVER	0.5 UNDER	±0.2	HSHIMABUKURO	'04/01/07			
		0.5 OVER	1.0 UNDER	±0.2	CHECKED BY	DATE			
		1.0 OVER	10 UNDER	±0.2	KTOJO	'04/01/07			
		10 OVER	30 UNDER	±0.25	APPROVED BY	DATE			
	30 OVER		±0.3	MSASAO	'04/01/07	DOCUMENT NO. SD-52559-029	SHEET NO. 1 OF 4		
	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 ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



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	
UNDER	UNDER	± 0.2	DRAWN BY DATE			TITLE				
OVER	0.5 UNDER	± 0.2	HSHIMABUKURO '04/01/07			0.5 FPC CONN ASSY ZIF				
OVER	1.0 UNDER	± 0.2	CHECKED BY DATE			SMT SMT EMBSTP PKG				
OVER	10 UNDER	± 0.2	KTOJO '04/01/07			-LEAD FREE-				
OVER	30 UNDER	± 0.25	APPROVED BY DATE			molex				
OVER		± 0.3	MSASAO '04/01/07							
LAR ±3 °			MATERIAL NO.			DOCUMENT NO.				SHEET NO.
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE			SD-52559-029				2 OF 4
SIZE A3			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC 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			
					14.9	17.8	52559-2570	25			
				14.4	17.3	52559-2470	24				
MODEL No.52559-**-70		キャリアテープ幅 CARRIER TAPE WIDTH		D	C	(B)	(A)	MATERIAL. NO.	極致 CIRCUIT		
REVISED EC NO: J2016-0872 2016/02/16 DRWN:FSATO CHKD:KATAHASHI APPR: KUSUHARA01 2016/03/02		DESCRIPTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				0.25 UNDER UNDER ± 0.2		DRAWN BY DATE		TITLE 0.5 FPC CONN ASSY ZIF SMT SMT EMBSTP PKG -LEAD FREE- molex			
				0.25 OVER 0.5 UNDER ± 0.2		HSHIMABUKURO '04/01/07					
				0.5 OVER 1.0 UNDER ± 0.2		CHECKED BY DATE					
				1.0 OVER 10 UNDER ± 0.2		KTOJO '04/01/07					
		10 OVER 30 UNDER ± 0.25		APPROVED BY DATE							
		30 OVER ± 0.3		MSASAO '04/01/07							
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SD-52559-029		SHEET NO. 3 OF 4	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC 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

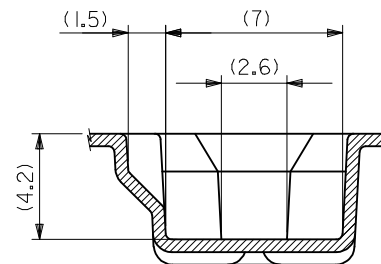
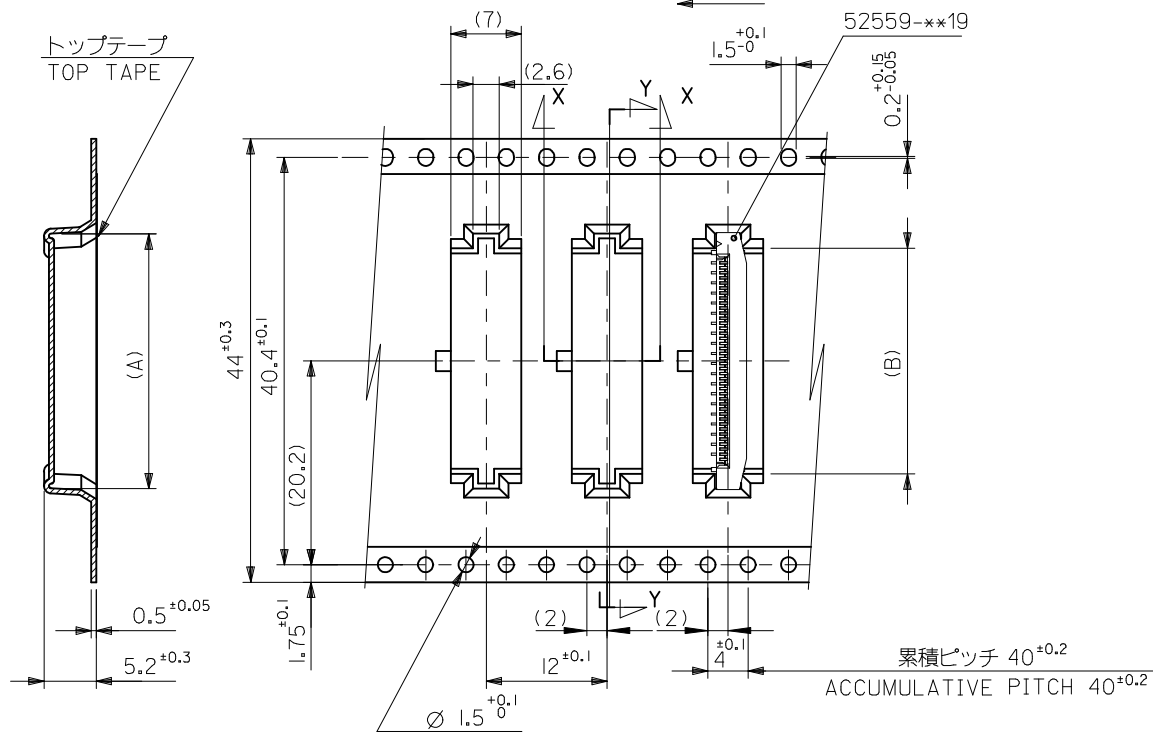
D

C

B

A

引き出し方向 PULL OUT DIRECTION



SECT.Y-Y

SECT.X-X

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)

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

REV	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
		0.25 UNDER	0.25 OVER	0.5 UNDER	0.5 OVER	1.0 UNDER	1.0 OVER	30 UNDER	30 OVER	ANGULAR	±3	°
1	REVISION											
2	EC NO: J2016-0872											
3	DRWN:FSATO											
4	CHKD:KATAHASHI											
5	APPR:TKUSUHARA01											
6	2016/02/16											
7	2016/02/16											
8	2016/03/02											

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 ST EMBSTP PKG -LEAD FREE-		
CHECKED BY KTOJO	DATE '04/01/07			
APPROVED BY MSASAO	DATE '04/01/07			
MATERIAL NO.		DOCUMENT NO.		SHEET NO.
SEE TABLE		SD-52559-029		4 OF 4
SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

9 8 7 6 5 4 3 2 1

DWG. NO.
SD-52559-045

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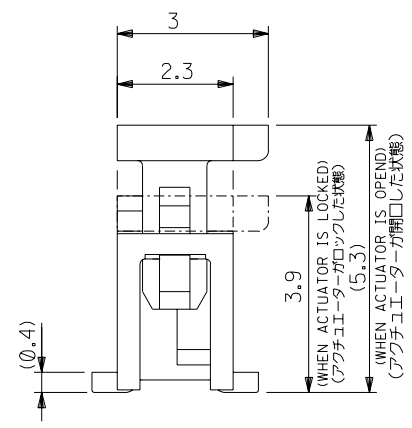
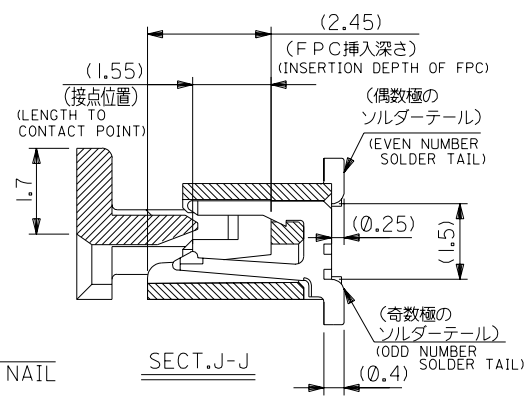
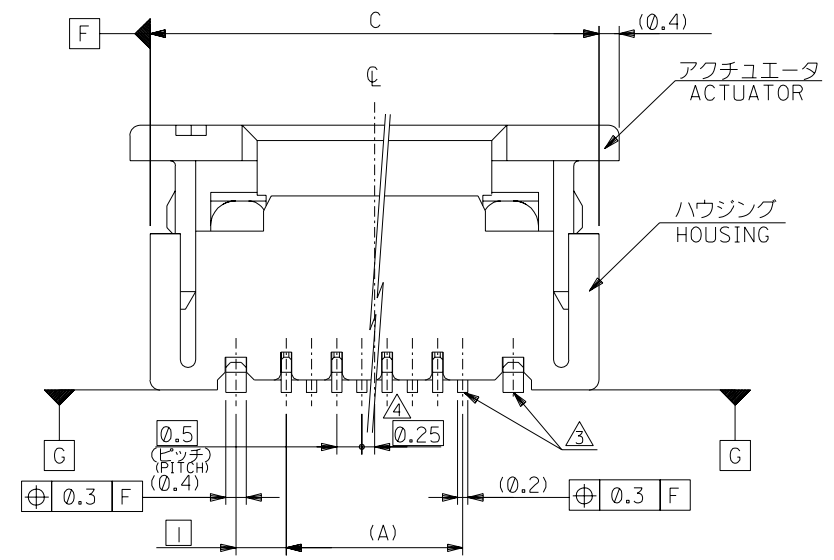
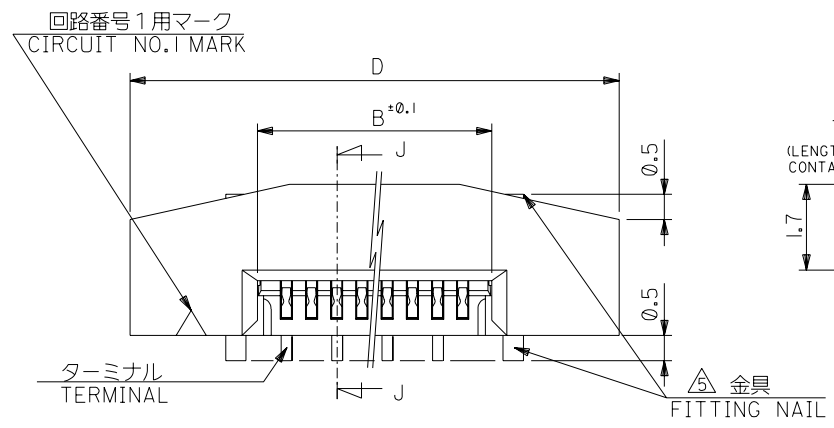
D

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.
△ ソルダート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.
- 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			PROJECTION			TITLE:			SHT			REV		
DRAWN: H. KAWABATA			FINISH			10 UNDER			—			mm			mm			0.5 FPC Conn. Assy ZIF.			mm			mm		
CH'K: K. TOJO			WIRE RANGE			10 OVER			mm			mm			mm			-LEAD FREE-			mm			mm		
APPR: H. Sato			INS. RANGE			30 UNDER			mm			mm			mm			MOLEX INCORPORATED			mm			mm		
DRAWN: H. SHIMABUKURO			REV			30 OVER			mm			mm			mm			MATERIAL NO.			mm			mm		
CH'K: K. TOJO			SEE NOTES			ANGLE			mm			mm			mm			DRAWING NO.			mm			mm		
APPR: H. Sato			—			—			mm			mm			mm			SD-52559-045			mm			mm		
DRAWN: H. SHIMABUKURO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
CH'K: K. TOJO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
APPR: H. Sato			—			—			mm			mm			mm			SD-52559-045			mm			mm		
DRAWN: H. SHIMABUKURO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
CH'K: K. TOJO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
APPR: H. Sato			—			—			mm			mm			mm			SD-52559-045			mm			mm		
DRAWN: H. SHIMABUKURO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
CH'K: K. TOJO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
APPR: H. Sato			—			—			mm			mm			mm			SD-52559-045			mm			mm		
DRAWN: H. SHIMABUKURO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
CH'K: K. TOJO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
APPR: H. Sato			—			—			mm			mm			mm			SD-52559-045			mm			mm		
DRAWN: H. SHIMABUKURO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
CH'K: K. TOJO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
APPR: H. Sato			—			—			mm			mm			mm			SD-52559-045			mm			mm		
DRAWN: H. SHIMABUKURO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
CH'K: K. TOJO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
APPR: H. Sato			—			—			mm			mm			mm			SD-52559-045			mm			mm		
DRAWN: H. SHIMABUKURO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
CH'K: K. TOJO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
APPR: H. Sato			—			—			mm			mm			mm			SD-52559-045			mm			mm		
DRAWN: H. SHIMABUKURO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
CH'K: K. TOJO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
APPR: H. Sato			—			—			mm			mm			mm			SD-52559-045			mm			mm		
DRAWN: H. SHIMABUKURO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
CH'K: K. TOJO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
APPR: H. Sato			—			—			mm			mm			mm			SD-52559-045			mm			mm		
DRAWN: H. SHIMABUKURO			—			—			mm			mm			mm			SD-52559-045			mm			mm		
CH'K: K. TOJO			—			—																				

DWG. NO. SD-52559-045

F

D

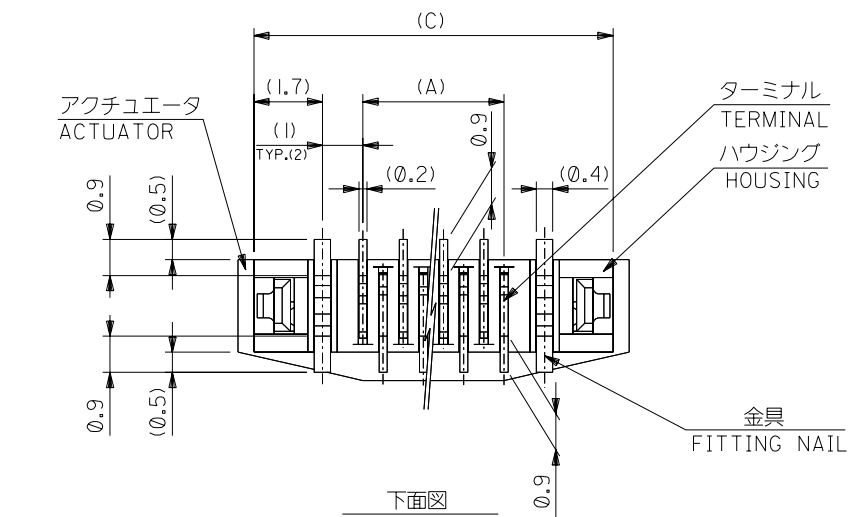
V

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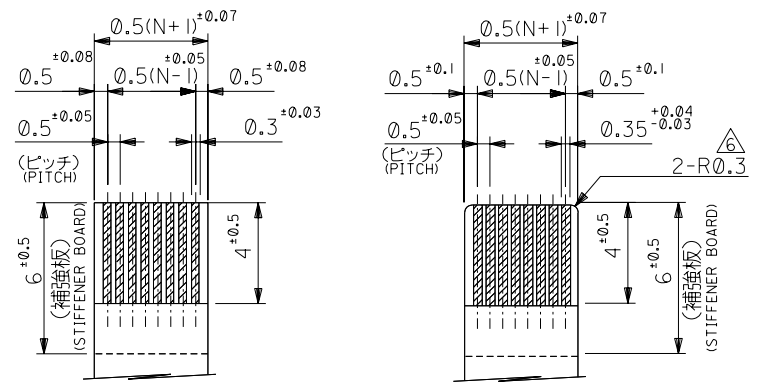
B

DO NOT SCALE DRAWING

8 7 6 5 4 3 2 1



下面図
BOTTOM VIEW

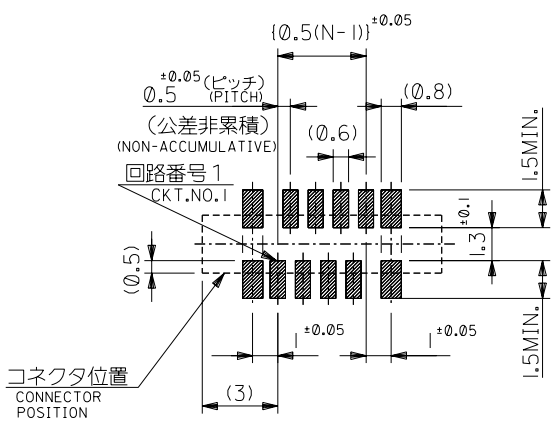


適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION.
(仕上がり厚さ: 0.3±0.05)
(THICKNESS: 0.3±0.05)

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)

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

1288NO. DRWN: CHK: APPR:	1289NO. DRWN: CHK: APPR:	1288NO. DRWN: CHK: APPR:	REVISED 1287NO. J2004-3551 DRWN: H.KAWABATA '04/04/05 CHK: K.TOJO '04/04/05 APPR: H. Sato '04/04/05	RELEASED 1286NO. J2004-1818 DRWN: H.SHIMABUKURO '04/01/07 CHK: K.TOJO '04/01/07 APPR: H. Sato '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	 THIRD ANGLE PROJECTION	☐ mm INCH	☐ INCH mm	☒ mm ONLY	REVISE 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						
						WIRE RANGE 適用電線範囲		30 OVER 以上	±0.3	APPROVED BY & DATE H. Sato '04/01/07			MOLEX INCORPORATED			
INS. RANGE 被覆外径	ANGLE 角度	±3°	CAD FILENAME SD-52559-045.S02		MATERIAL NO. SEE CHART		DRAWING NO. SD-52559-045		SHEET NO. 2 OF 2		SIZE B					
			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

EN-02J(097) MXJ-54

SD-52559-045.S02