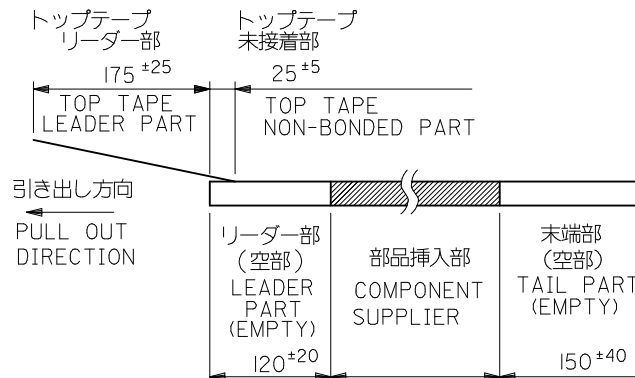
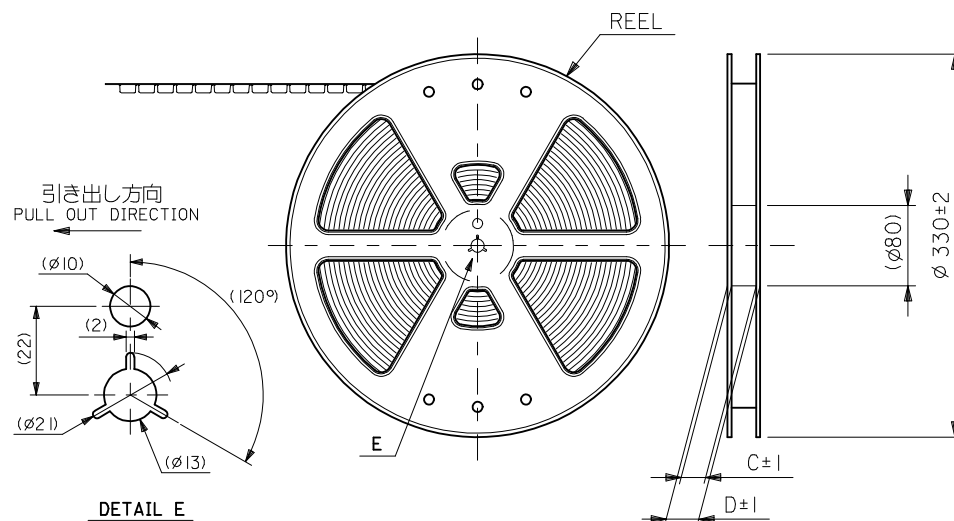
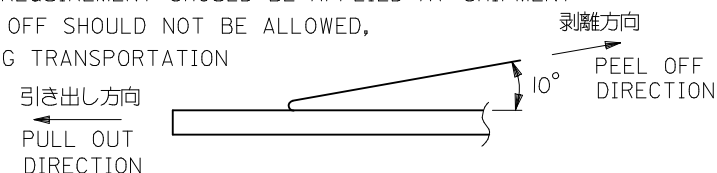


注記 NOTES

- 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



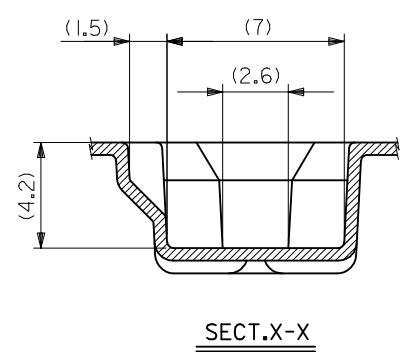
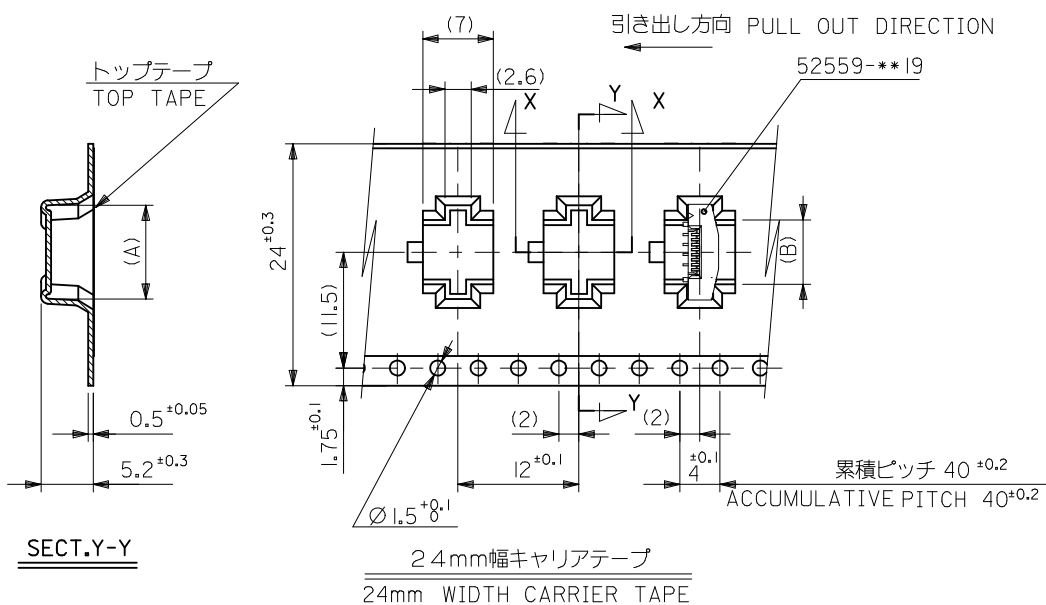
DETAIL E

- 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>

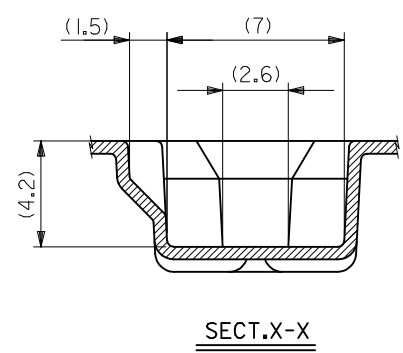
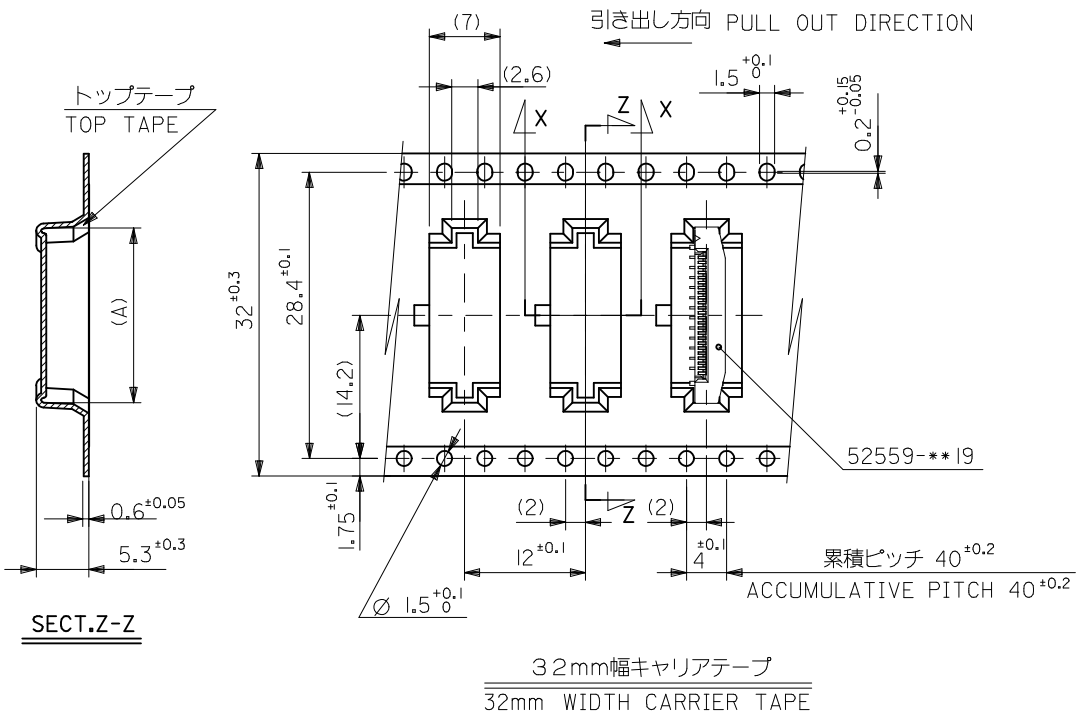
- 本製品は 52559-**-90の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF
- 本製品は乾燥剤入り、ハイバリア梱包仕様である。
THIS PRODUCT IS HIGH BARRIER PACKAGE WITH DESICCANT.

REVISED EC NO: J2009-2061 DRWN:TKN CHKD:HATSUMOTO 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 HSHIMABUKURO	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				
	REV	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			



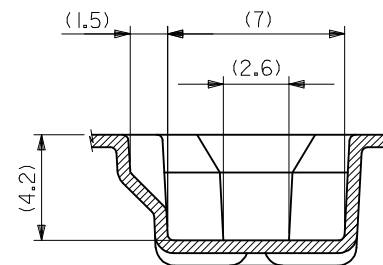
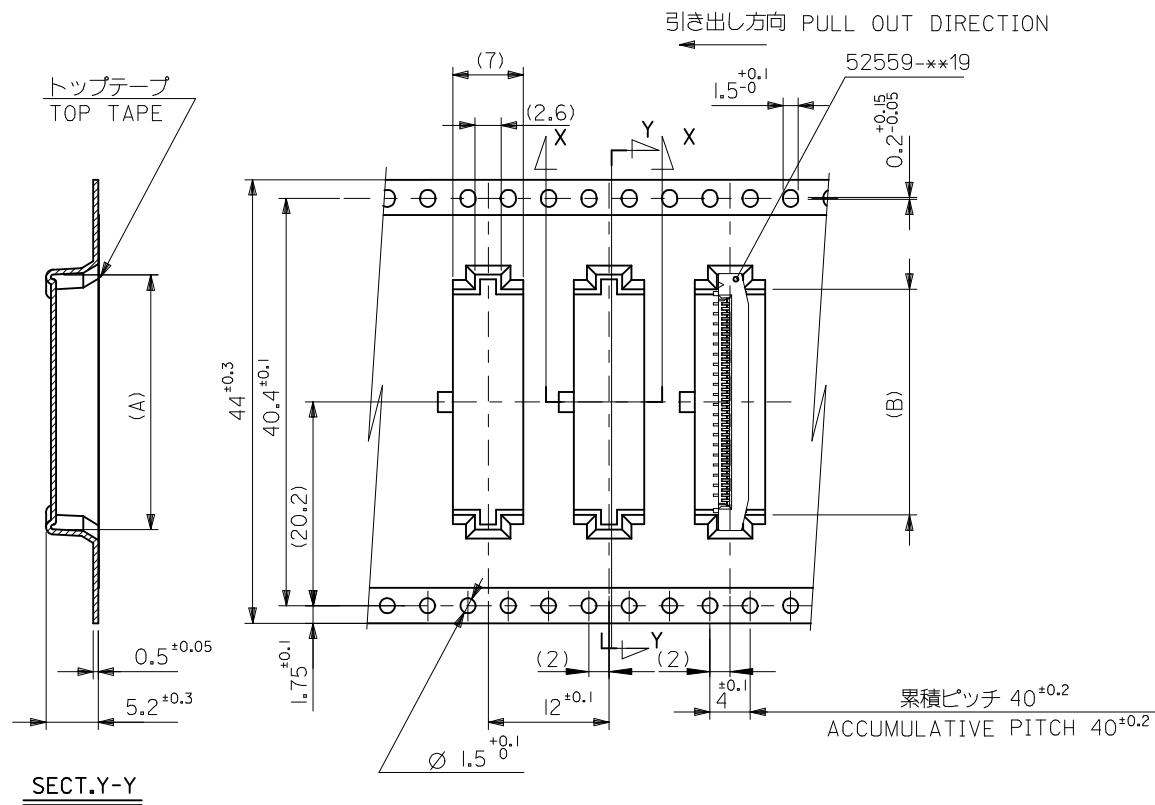
24	29.4	25.4	13.4	16.3	52559-2270	22
			12.4	15.3	52559-2070	20
			11.9	14.8	52559-1970	19
			11.4	14.3	52559-1870	18
			10.4	13.3	52559-1670	16
			9.9	12.8	52559-1570	15
			9.4	12.3	52559-1470	14
			8.9	11.8	52559-1370	13
			8.4	11.3	52559-1270	12
			7.9	10.8	52559-1170	11
			6.4	9.3	52559-0870	8
	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

REVISED EC NO.: J2009-2061 2009/05/20 DRWN:TKON CHKD:HMATSUMOTO 2009/05/21 APPR:NUKITA 2009/05/21		DESCRIPTION REV	MODEL No.52559-**-70		キャリアテープ幅 CARRIER TAPE WIDTH		D	C	(B)	(A)	MATERIAL. NO.		極数 CIRCUT
			GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		
					DRAWN BY DATE		TITLE		0.5 FPC CONN ASSY ZIF SMT SMT EMBSTP PKG -LEAD FREE-				
			10 UNDER ±0.2		HSHIMABUKURO '04/01/07								
			10 OVER 30 UNDER ±0.25		CHECKED BY DATE		MOLEX MOLEX INCORPORATED						
			30 OVER ±0.3		KTOJO '04/01/07								
			APPROVED BY DATE		MSASAO '04/01/07		DOCUMENT NO.		SD-52559-029		SHEET NO. 2 OF 4		
ANGULAR ±3 °		MATERIAL NO.		SEE TABLE									
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					
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.: J2009-2061 DRWN: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	
D	REV	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



44mm幅キャリアテープ
44mm WIDTH CARRIER TAPE

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

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	

44		49.4	45.4	22.4	25.3	52559-4070	40
				20.4	23.3	52559-3670	36
0	キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	CIRCUIT NO.
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. SEE TABLE			MOLEX INCORPORATED				SHEET NO. 4 OF 4
SIZE A3			DOCUMENT NO. SD-52559-029				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

DWG. NO.
SD-52559-045

F

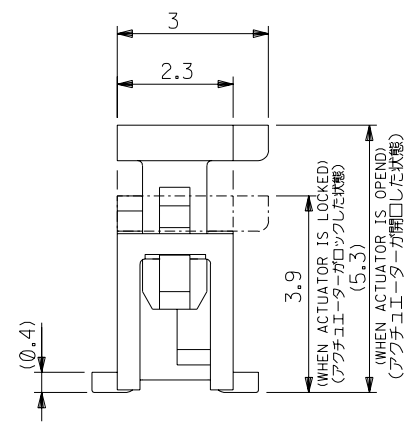
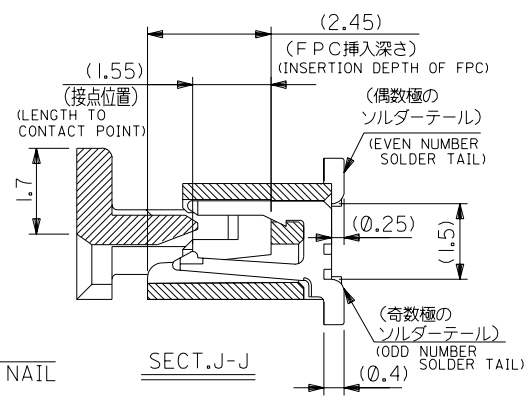
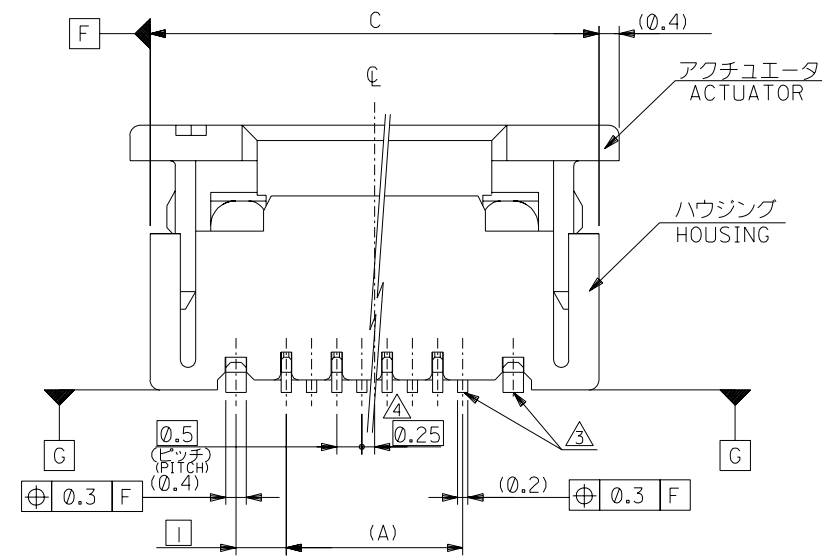
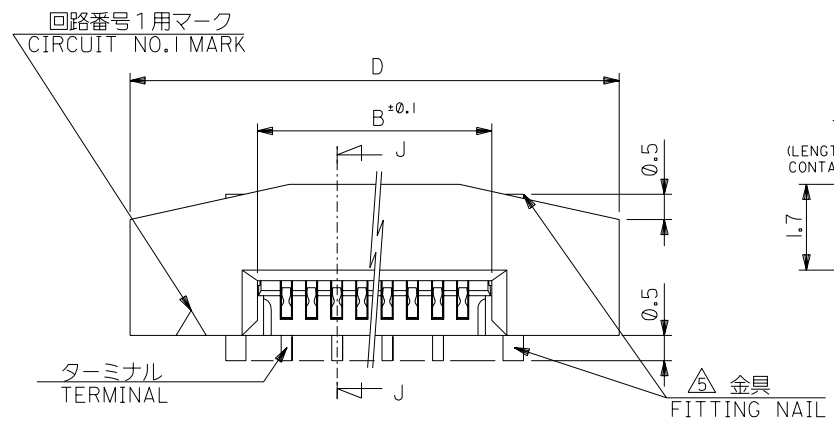
D

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			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			MATERIAL NO.		
CH'K: K. TOJO			DESCRIPTION			ANGLE 角度			mm			mm			DRAWING NO.		
APPR: H. Sato			SEE NOTES			±0.2			mm			mm			SD-52559-045		
DRAWN: H. SHIMABUKURO			REV			±0.25			mm			mm			SHEET NO.		
CH'K: K. TOJO			DESCRIPTION			±0.3			mm			mm			1 OF 2		
APPR: H. Sato			DESCRIPTION			±3°			mm			mm			SIZE		
DRAWN: H. SHIMABUKURO			DESCRIPTION			±3°			mm			mm			B		
CH'K: K. TOJO			DESCRIPTION			±3°			mm			mm			B		
APPR: H. Sato			DESCRIPTION			±3°			mm			mm			B		

DWG. NO. SD-52559-045

F

D

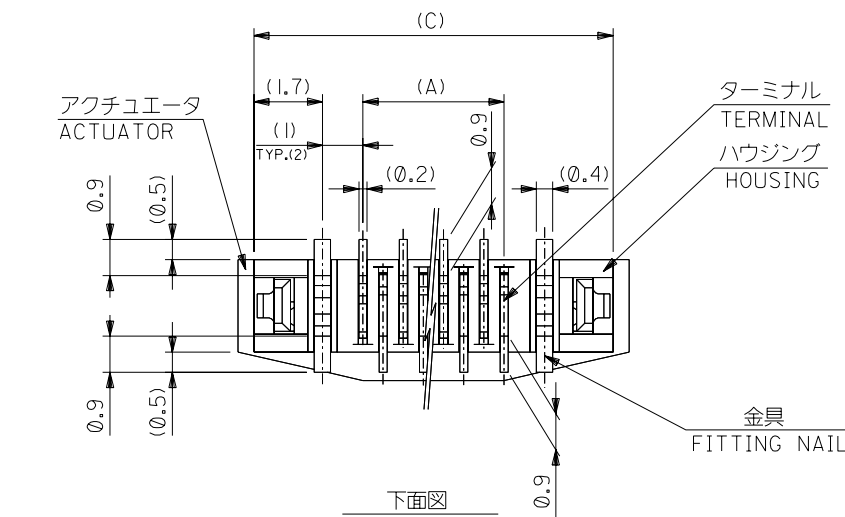
V

C

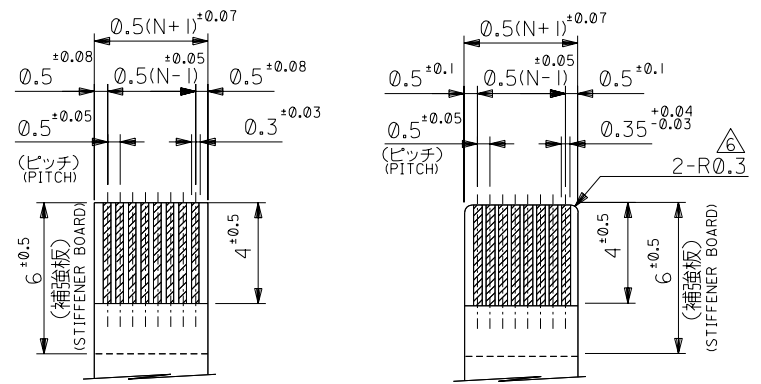
B

DO NOT SCALE DRAWING

8 7 6 5 4 3 2 1



下面図
BOTTOM VIEW

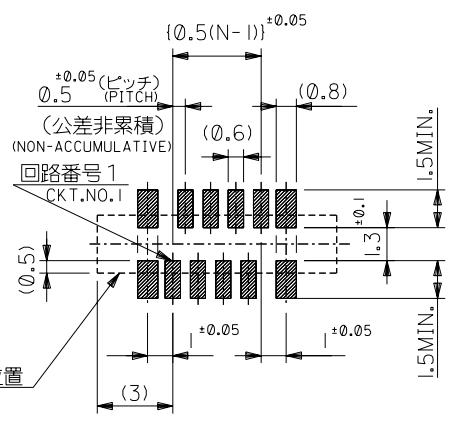


適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION.
(仕上がり厚さ: 0.3±0.05)
(THICKNESS: 0.3±0.05)

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



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	52559-4019	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 ☐ mm INCH ☒ mm ONLY	REVISE ON CAD ONLY
						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 30 UNDER 以上 未満		±0.25	CHECKED BY & DATE K.TOJO '04/01/07					
						30 OVER 以上		±0.3	APPROVED BY & DATE H. Sato '04/01/07		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
		A		Ø		REV	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		

8 7 6 5 4 3 2 1

SD-52559-045.S02