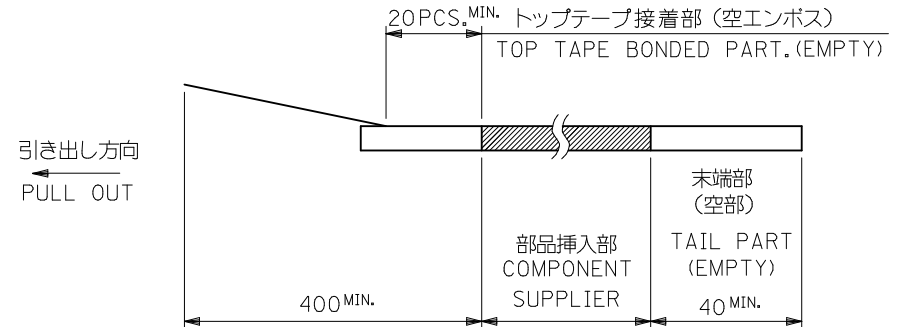


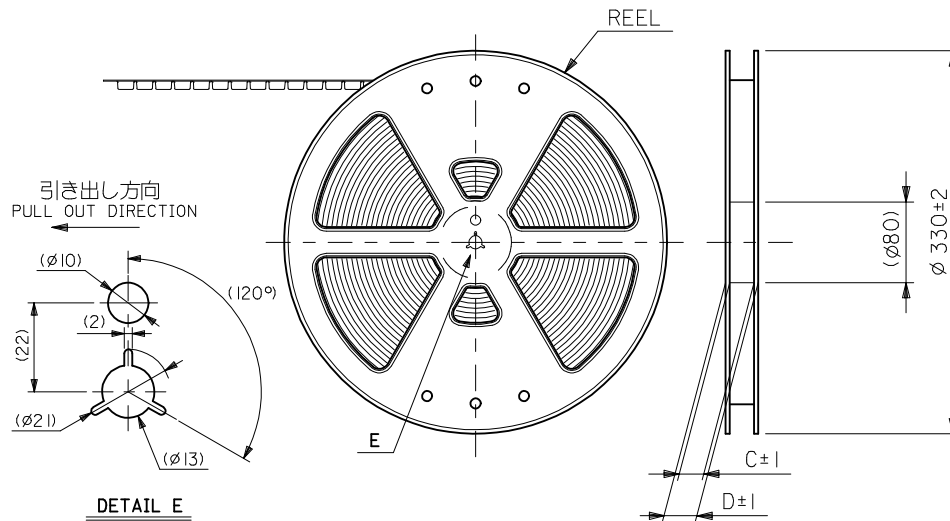
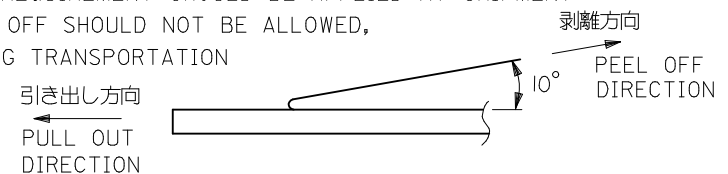
注記 NOTES

- 製品番号 52559-**-I9 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-**-I9 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



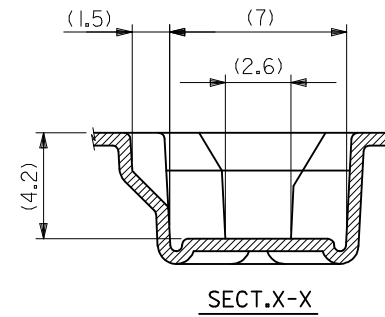
- 材料
キャリアテープ：ポリプロピレン（PP）
トップテープ：PET、PE、PEF
リール：ポリスチレン（PS）＜リサイクル材を含む＞

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

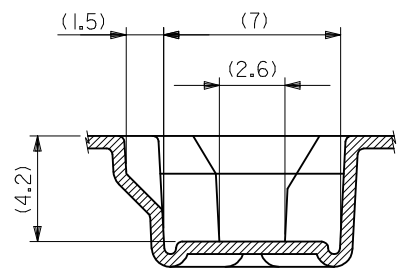
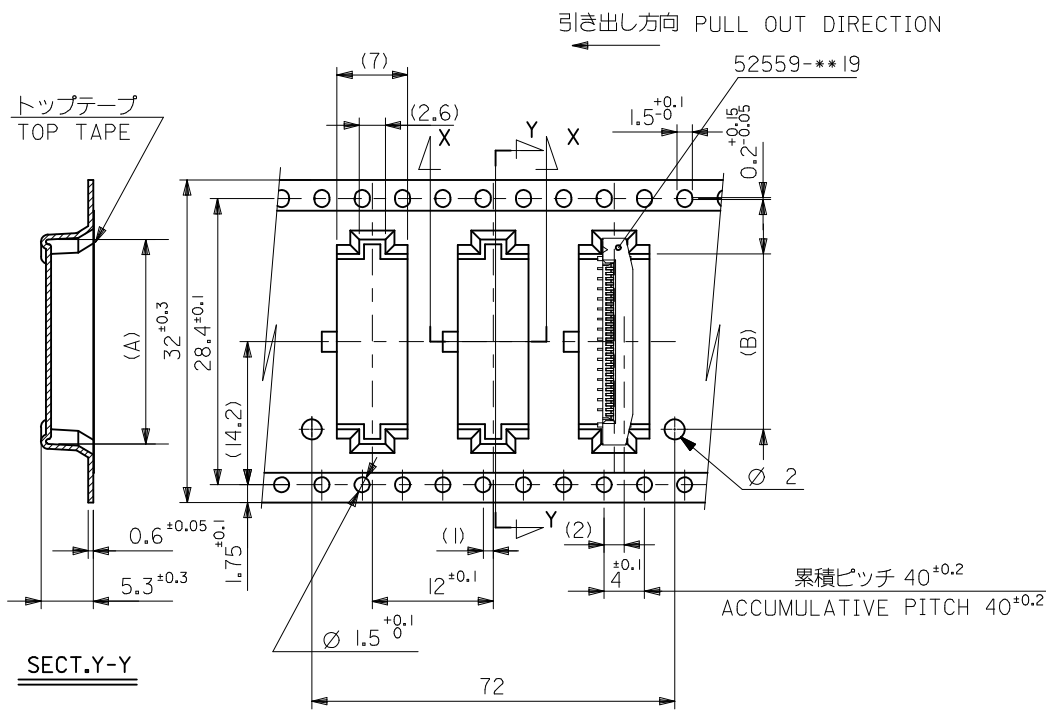
- 本製品は 52559-**-92の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52559-**-92
- 本製品は乾燥剤入り、ハイバリア梱包仕様である。
THIS PRODUCT IS HIGH BARRIER PACKAGE WITH DESICCANT.

52559-**-72
MODEL NO.

REVISED EC NO.: J2009-2061 DRAWN: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. 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	B	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2-4		SD-52559-028				1 OF 4	
				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	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	
6.9	9.8	52559-0972	9				
5.4	8.3	52559-0672	6				
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 DATE H. SHIMABUKUR 2004/01/07		TITLE 0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE-					
CHECKED BY DATE K. TOJO 2004/01/07							
APPROVED BY DATE M. SASAO 2004/01/07		 MOLEX INCORPORATED					
MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-52559-028				SHEET NO. 2 OF 4	
SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



SECT.X-X

SECT.Y-Y

32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

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

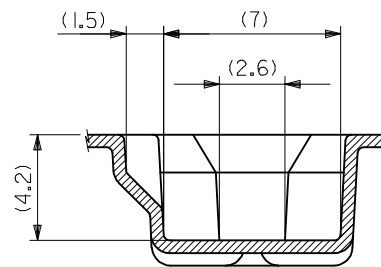
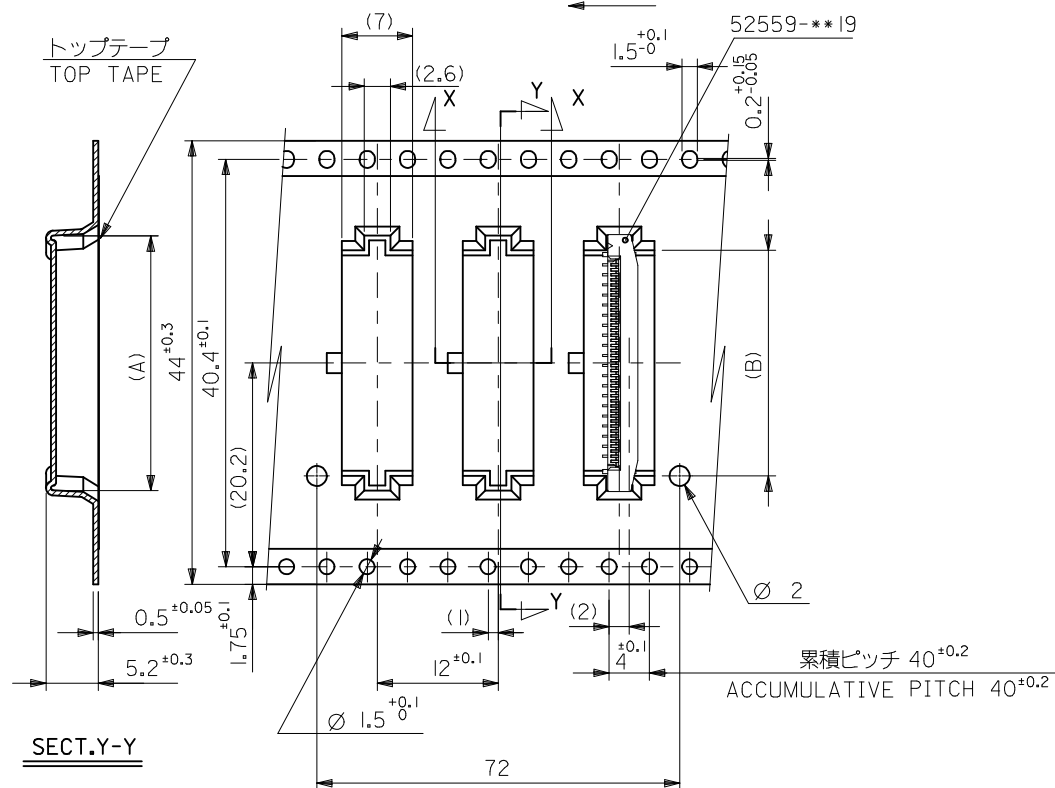
D

C

B

A

引き出し方向 PULL OUT DIRECTION



SECT.X-X

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 REV	2009/05/20 2009/05/21 2009/05/21	52559-**72		44	49.4	45.4	22.4	23.3	52559-4072	40	
			MODEL NO.		ギヤリアテープ幅 CARRIER TAPE WIDTH		D	C	(B)	(A)	52559-3672	36
			GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY			SCALE ---	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
			10 UNDER ±0.2		DRAWN BY DATE H. SHIMABUKUR 2004/01/07			TITLE 0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE-		MOLEX INCORPORATED SD-52559-028		SHEET NO. 4 OF 4
10 OVER 30 UNDER ±0.25		CHECKED BY DATE K. TOJO 2004/01/07			MOLEX							
30 OVER ±0.3		APPROVED BY DATE M. SASAO 2004/01/07										
ANGULAR ±3 °		MATERIAL NO.			DOCUMENT NO.							
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

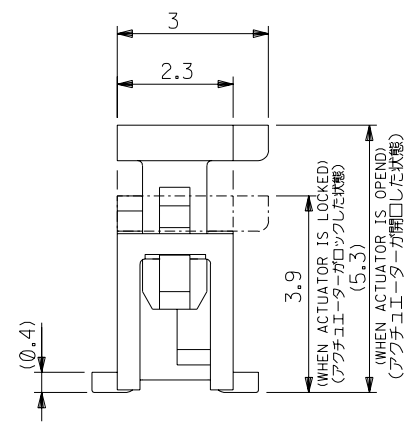
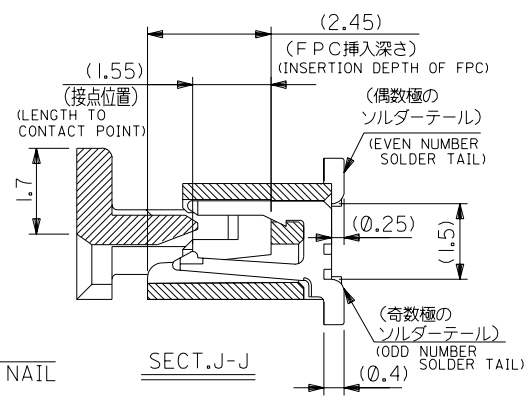
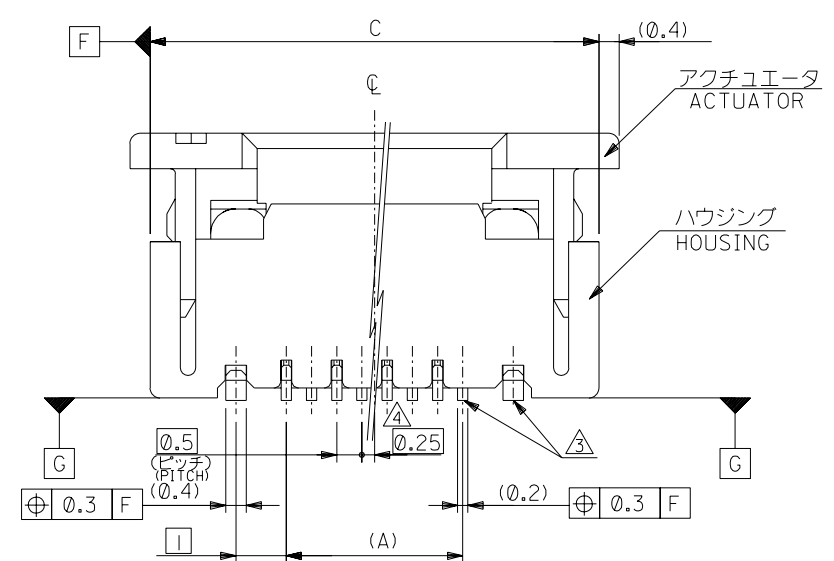
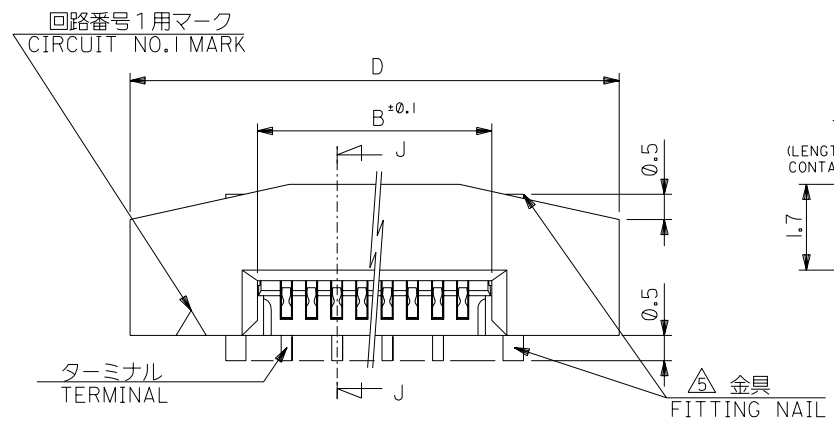
D

A

C

B

DO NOT SCALE DRAWING



注記 NOTES

- 使用材料 : MATERIAL
ハウジング : 46NYLON UL94V-0
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.
△ 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 DRAWN: H. KAWABATA CHK: K. TOJO APPR: H. Sato DATE: 04/04/05			RELEASED DRAWN: H. SHIMABUKURO CHK: K. TOJO APPR: H. Sato DATE: 04/04/05			MATERIAL 材料 SEE NOTES			GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差			SCALE —			DESIGN UNITS mm			PROJECTION 2ND ANGLE			MODEL NO. 52559-**19		
DRAWN: H. KAWABATA CHK: K. TOJO APPR: H. Sato DATE: 04/04/05			DRAWN: H. SHIMABUKURO CHK: K. TOJO APPR: H. Sato DATE: 04/04/05			FINISH 仕上げ			10 UNDER 未満			DRAWN BY & DATE H. SHIMABUKURO 04/01/07			CHECKED BY & DATE K. TOJO 04/01/07			TITLE: 0.5 FPC Conn. Assy ZIF. -LEAD FREE-			DIMENSIONS: mm		
DRAWN: H. KAWABATA CHK: K. TOJO APPR: H. Sato DATE: 04/04/05			DRAWN: H. SHIMABUKURO CHK: K. TOJO APPR: H. Sato DATE: 04/04/05			WIRE RANGE 適用電線範囲			10 OVER 30 UNDER 以上 未満			APPROVED BY & DATE H. Sato 04/01/07			CAD FILENAME SD-52559-045.S01			MATERIAL NO. SEE CHART			SHT 1		
DRAWN: H. KAWABATA CHK: K. TOJO APPR: H. Sato DATE: 04/04/05			DRAWN: H. SHIMABUKURO CHK: K. TOJO APPR: H. Sato DATE: 04/04/05			INS. RANGE 被覆外径			30 OVER 以上			ANGLE 角度			DRAWING NO. SD-52559-045			MATERIAL NO. SEE CHART			SHEET NO. 1 OF 2		
DRAWN: H. KAWABATA CHK: K. TOJO APPR: H. Sato DATE: 04/04/05			DRAWN: H. SHIMABUKURO CHK: K. TOJO APPR: H. Sato DATE: 04/04/05			REV			30 UNDER 未満			30 OVER 以上			SIZE B			DRAWING NO. SD-52559-045			SHEET NO. 1 OF 2		
DRAWN: H. KAWABATA CHK: K. TOJO APPR: H. Sato DATE: 04/04/05			DRAWN: H. SHIMABUKURO CHK: K. TOJO APPR: H. Sato DATE: 04/04/05			REV			ANGLE 角度			30 OVER 以上			SIZE B			DRAWING NO. SD-52559-045			SHEET NO. 1 OF 2		
DRAWN: H. KAWABATA CHK: K. TOJO APPR: H. Sato DATE: 04/04/05			DRAWN: H. SHIMABUKURO CHK: K. TOJO APPR: H. Sato DATE: 04/04/05			REV			ANGLE 角度			30 OVER 以上			SIZE B			DRAWING NO. SD-52559-045			SHEET NO. 1 OF 2		

DWG. NO.
SD-52559-045

F

D

V

C

B

DO NOT SCALE DRAWING

8 7 6 5 4 3 2 1

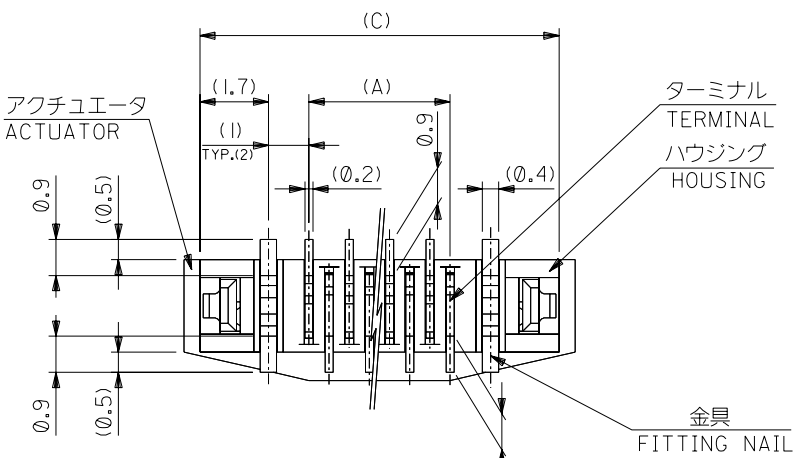
F

E

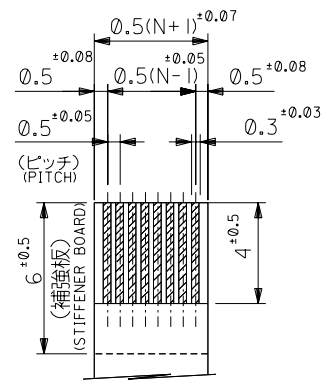
D

C

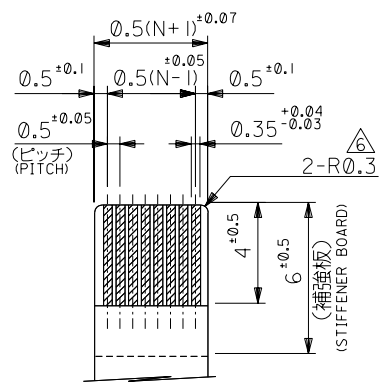
B



下面図
BOTTOM VIEW



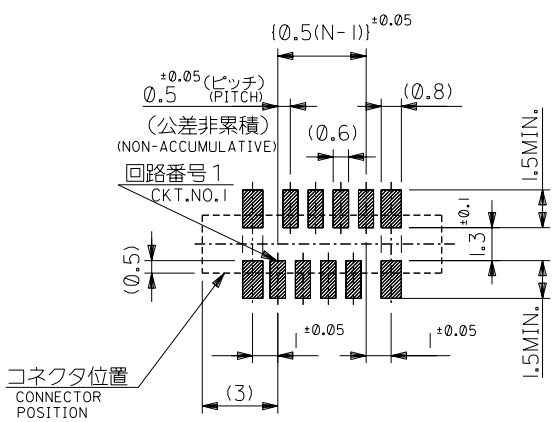
適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION.
(仕上がり厚さ: 0.3±0.05)
(THICKNESS: 0.3±0.05)



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)

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



コネクタ位置
CONNECTOR POSITION

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 ☒ mm ☐ INCH	MODEL NO. SD-52559-045	DIMENSIONS: mm INCH	SHT SHEET	REV REVISION	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
										10 UNDER 未満		±0.2	DRAWN BY & DATE H.SHIMABUKURO '04/01/07					MOLEX INCORPORATED					
										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. Sato '04/01/07										
										ANGLE 角度		±3°	CAD FILENAME SD-52559-045.S02					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

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