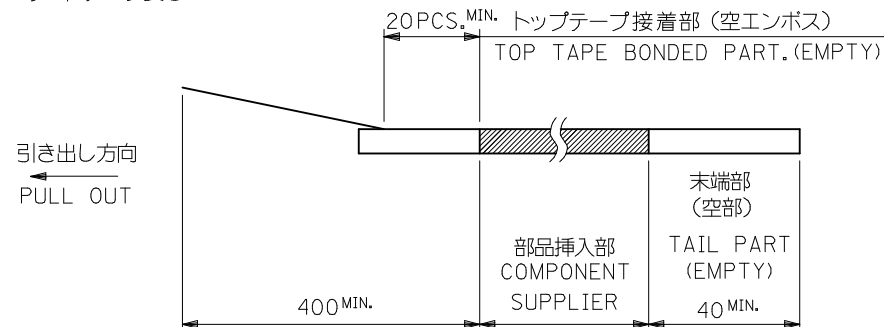


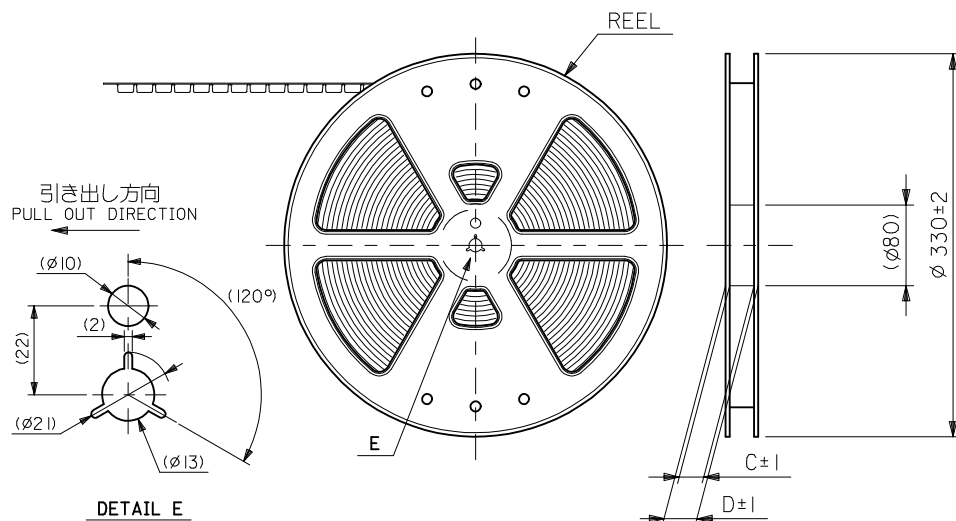
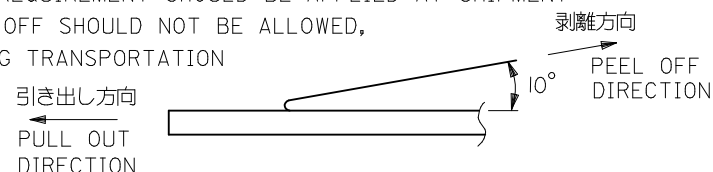
注記 NOTES

- 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:HMTSUMOTO 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 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.		
			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						

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

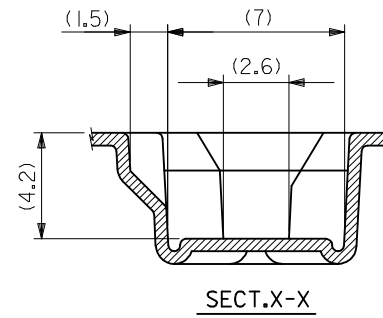
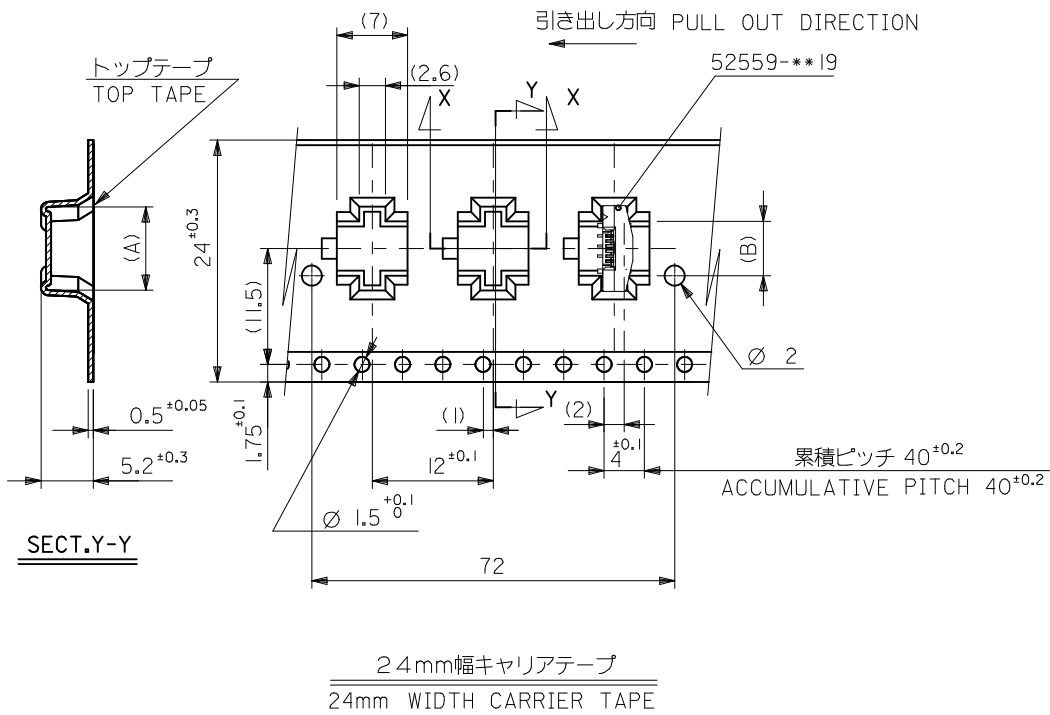
E

D

C

B

A



52559-**-72
MODEL NO.

キャリアテープ幅
CARRIER TAPE WIDTH

D

C

(B) (A)

MATERIAL NO.

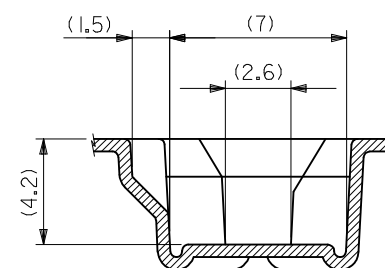
CIRCUIT NO.

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

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
H. SHIMABUKUR	2004/01/07
CHECKED BY	DATE
K. TOJO	2004/01/07
APPROVED BY	DATE
M. SASAO	2004/01/07
MATERIAL NO.	
SEE TABLE	
SIZE	A3

SCALE ---	DESIGN UNITS METRIC	1. NO. THIRD ANGLE PROJECTION 	
TITLE			
0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE-			
MOLEX INCORPORATED			
DOCUMENT NO. SD-52559-028			SHEET NO. 2 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



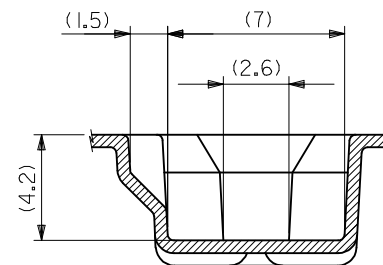
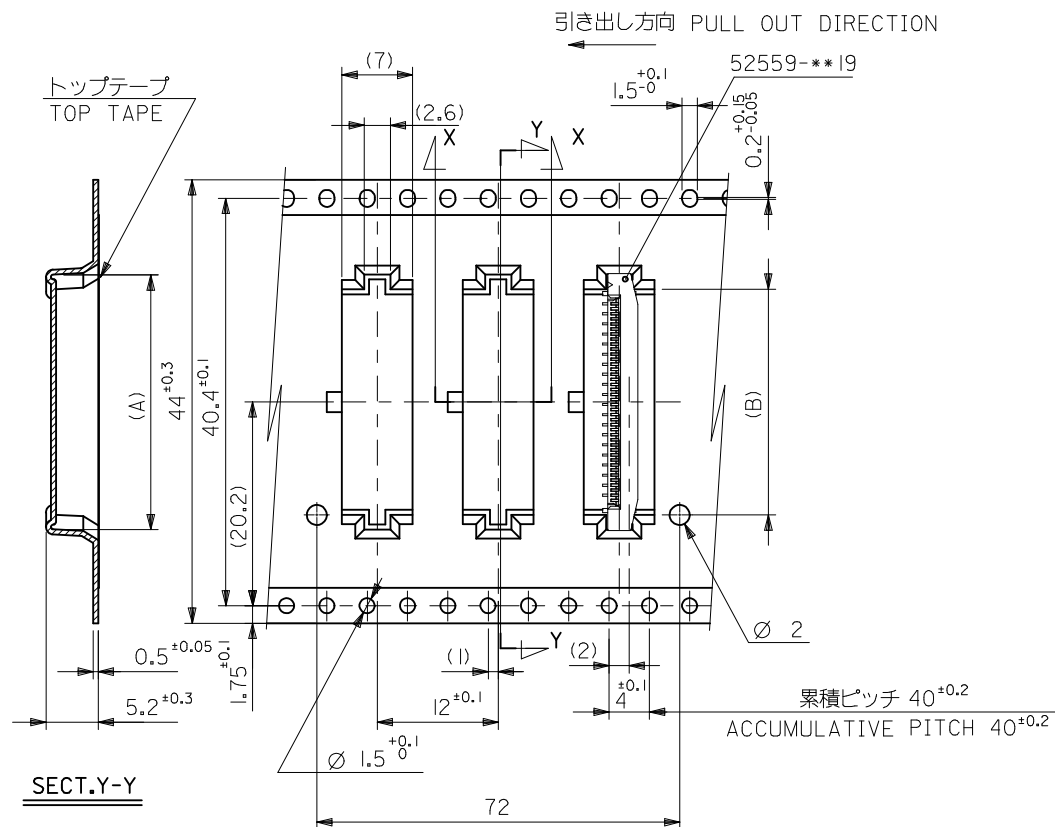
SECT.Y-Y

累積ピッチ $40^{+0.2}$

52559-**72
MODEL NO.

EN-02JA(021)

10 9 8 7 6 5 4 3 2 1



44mm幅キャリアテープ
44mm WIDTH CARRIER TAPE

52559-***72	44	49.4	45.4	22.4	25.3	52559-4072	40
MODEL NO.	キャリアテープ幅 CARRIER TAPE WIDTH	D	C	20.4	23.3	52559-3672	36
			(B)	(A)		MATERIAL NO.	CIRCUIT NO.

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		
		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- MOLEX INCORPORATED SD-52559-028				
		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					
		ANGULAR ±3 °		MATERIAL NO.						
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		DOCUMENT NO. SD-52559-028			SHEET NO. 4 OF 4	
				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

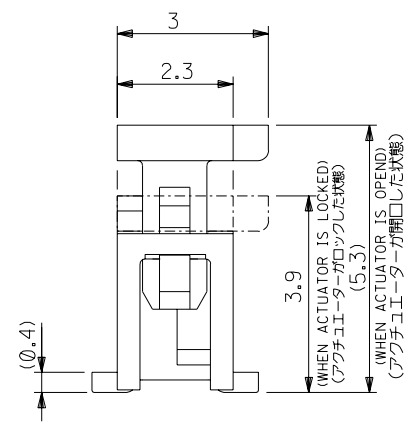
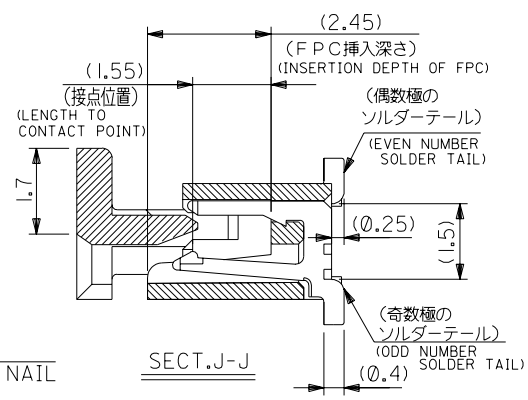
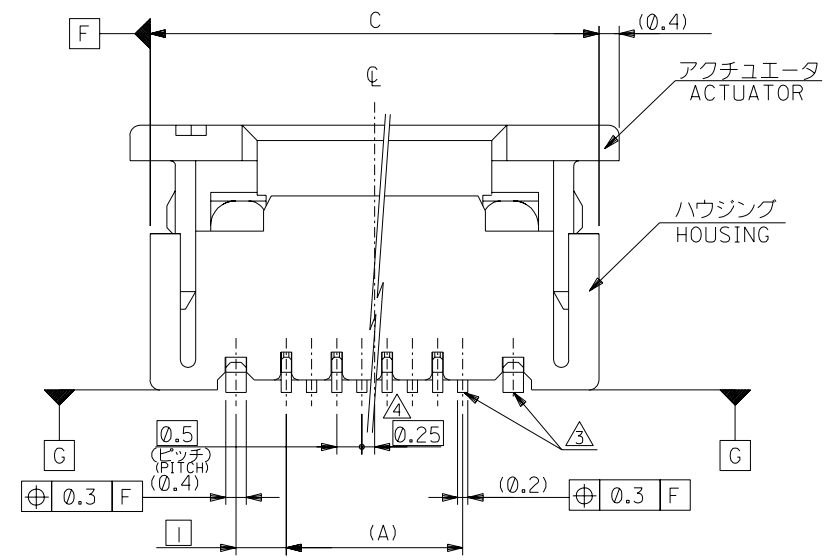
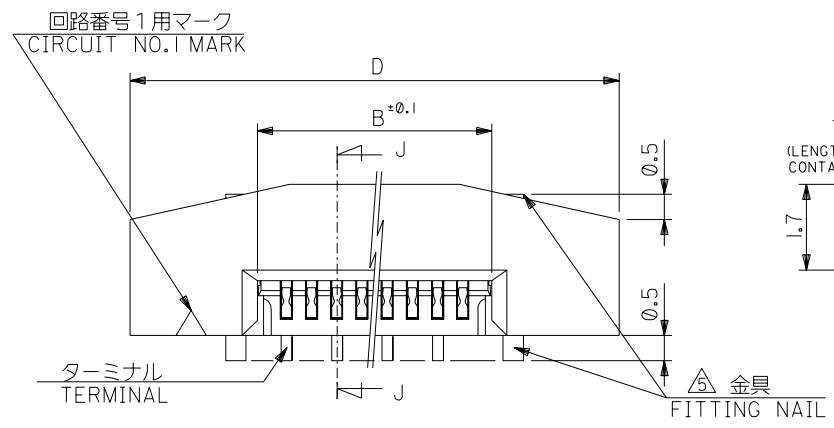
D

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.
△ ソルダーテ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			DRAWING NO.		
CH'K: K. TOJO			DESCRIPTION			ANGLE 角度			mm			mm			SD-52559-045		
APPR: H. Sato			SEE NOTES			±0.2			mm			mm			SHEET NO.		
DRAWN: H. SHIMABUKURO			REV			±0.25			mm			mm			1 OF 2		
CH'K: K. TOJO			REV			±0.3			mm			mm			SIZE		
APPR: H. Sato			REV			±3°			mm			mm			B		
DRAWN: H. SHIMABUKURO			REV			±3°			mm			mm			EN-02J(097) MXJ-54		
CH'K: K. TOJO			REV			±3°			mm			mm					
APPR: H. Sato			REV			±3°			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

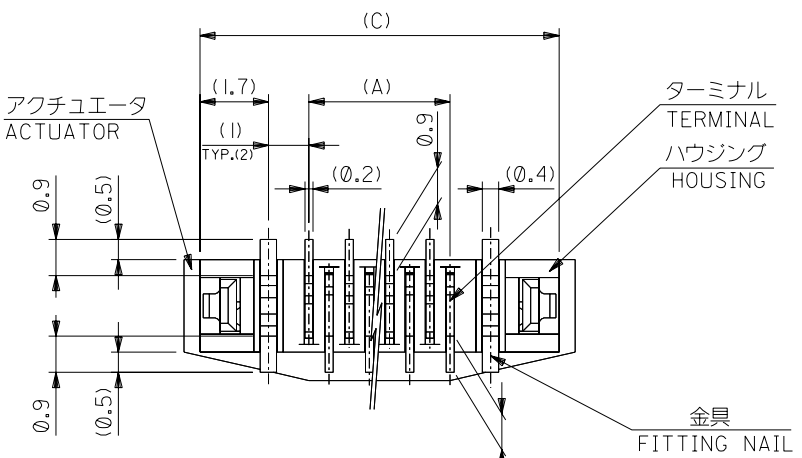
F

E

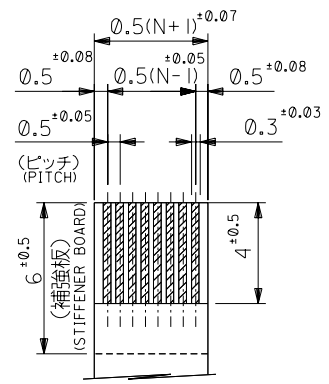
D

C

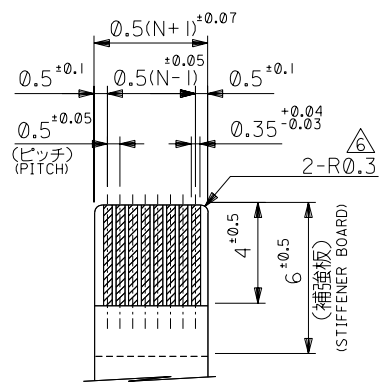
B



下面図
BOTTOM VIEW



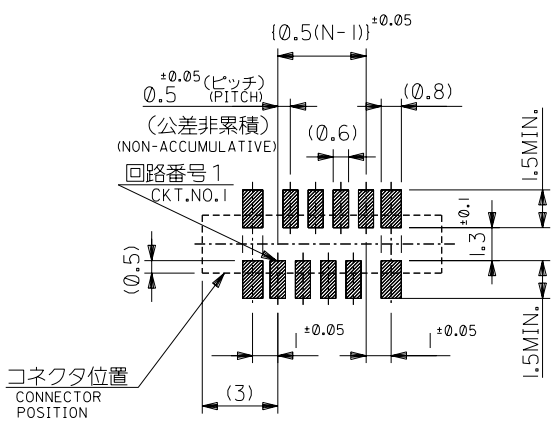
適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION.
(仕上がり厚さ: 0.3±0.05)
(THICKNESS: 0.3±0.05)



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)

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

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	DESCRIPTION	MATERIAL 材料	SEE NOTES	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	SCALE —	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH ☐ 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-
						WIRE RANGE 適用電線範囲		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				
A	Ø	REV	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

SD-52559-045.S02

Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[52559-1072](#) [52559-2092](#) [52559-1292](#) [52559-2090](#) [52559-1472](#) [52559-2772](#) [52559-1672](#) [52559-2590](#) [52559-3370](#) [52559-0972](#) [52559-1792](#) [52559-2492](#) [52559-2870](#) [52559-3692](#) [52559-2892](#) [52559-3292](#) [52559-1492](#) [52559-2172](#) [52559-2672](#) [52559-3654](#) [52559-1353](#)