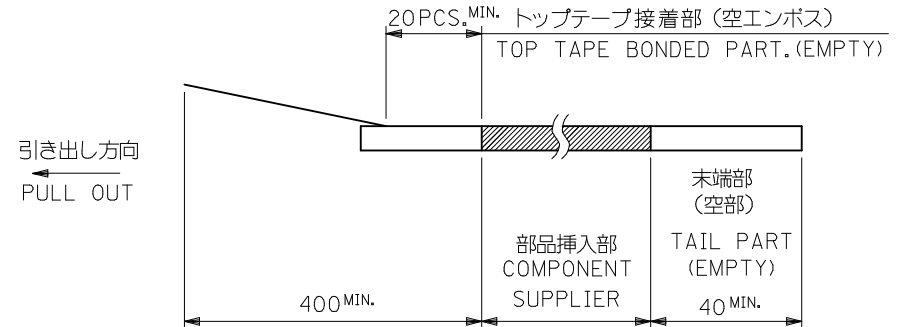


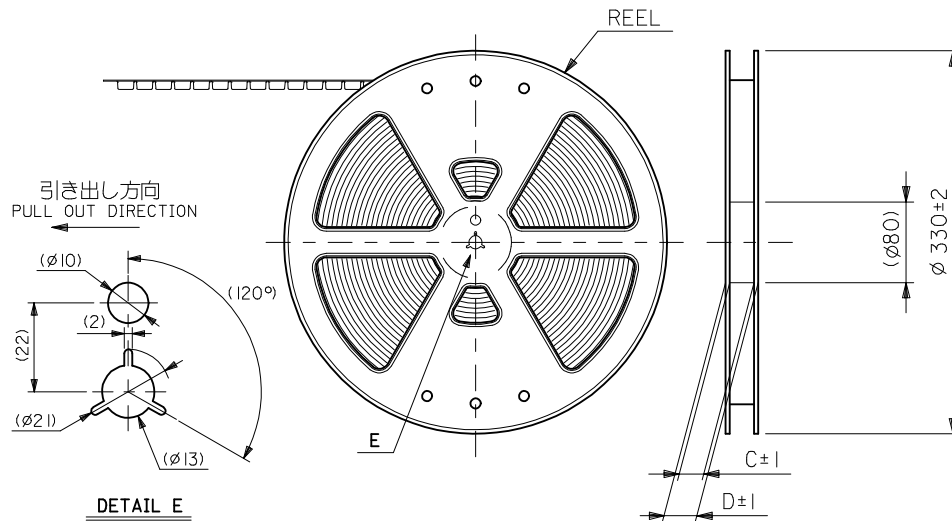
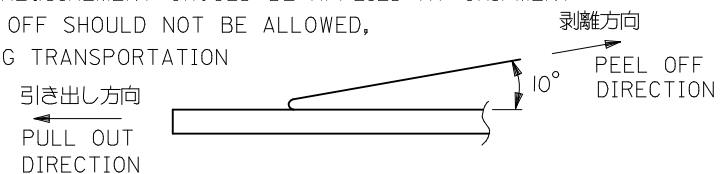
注記 NOTES

- 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 DRWN: IKON CHKD: MATSUMOTO 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 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	
B	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

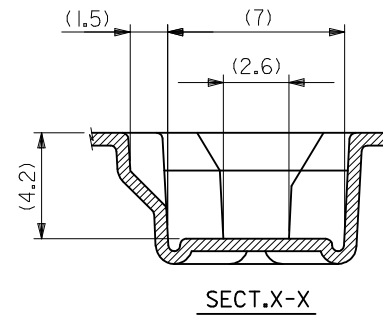
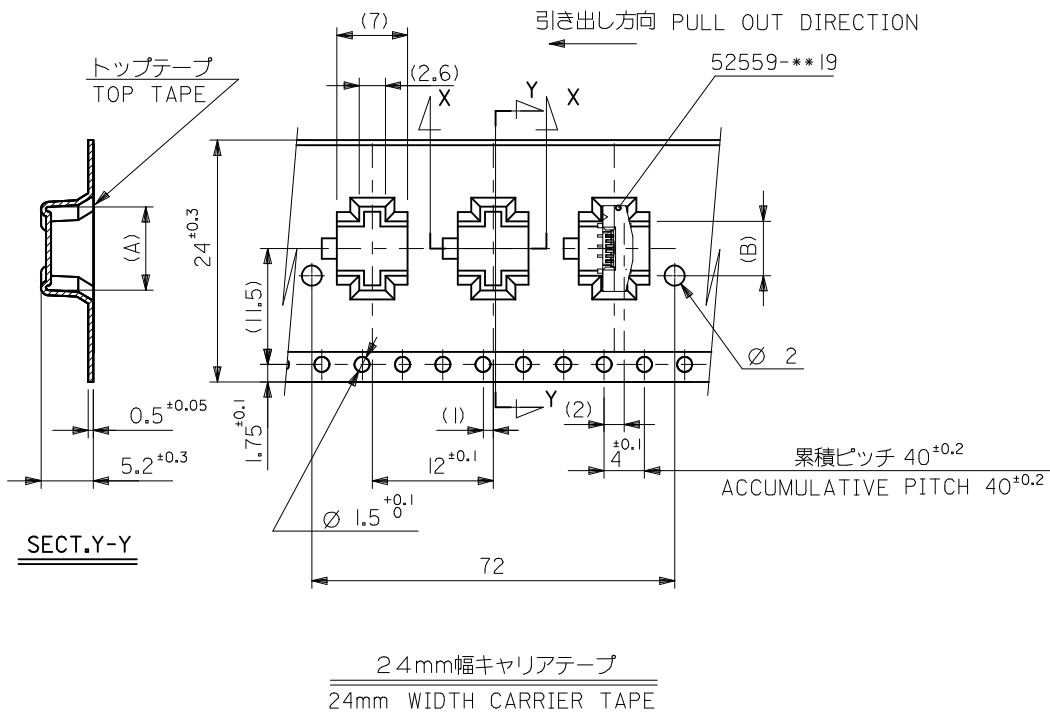
E

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52559-**-72
MODEL NO.

キャリアテープ幅
CARRIER TAPE WIDTH

D

C

(B)

(A)

MATERIAL NO.

CIRCUIT NO.

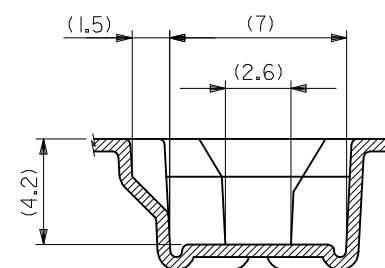
REVISED
EC NO: J2009-2061
2009/05/20
DRWN:TKN
2009/05/21
CHKD:HMATSUMOTO
2009/05/21
APPR:NUKITA
2009/05/21

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
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		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

F

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E

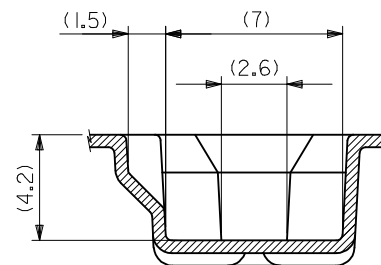
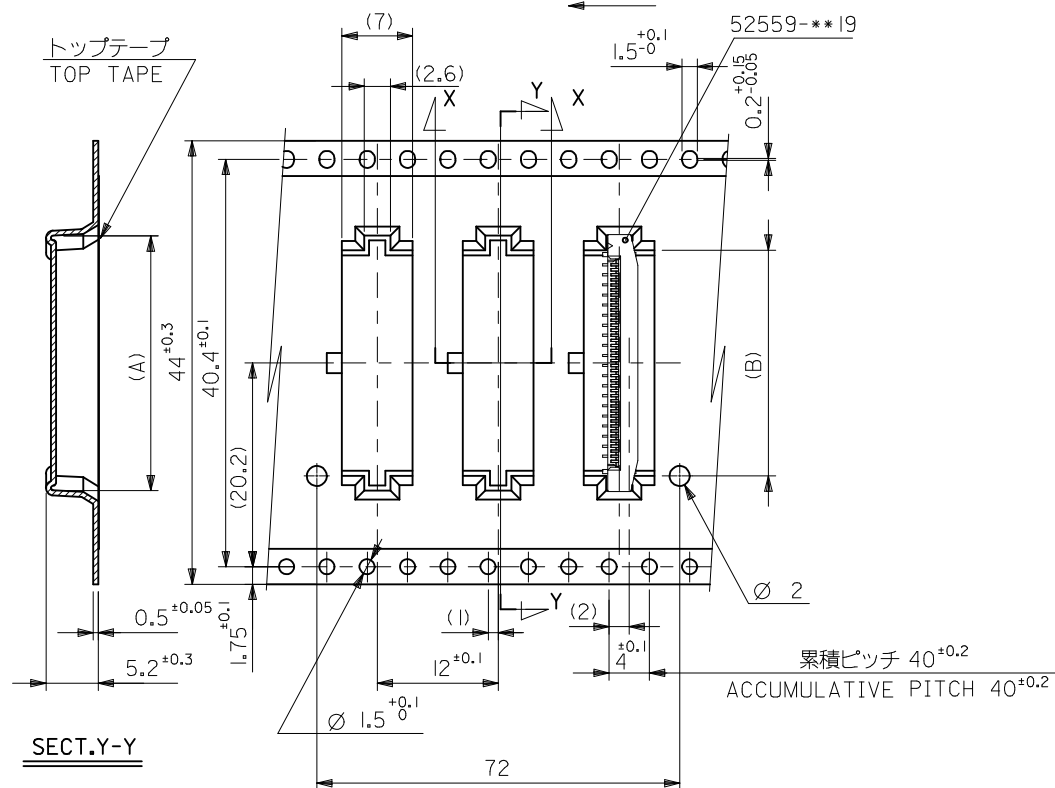
D

C

B

A

引き出し方向 PULL OUT DIRECTION



SECT.X-X

REVISED EC NO: J2009-2061 DRWN:TKON 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 H. SHIMABUKUR		DATE 2004/01/07		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.		DOCUMENT NO.		SHEET NO. 4 OF 4							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		SEE TABLE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

DWG. NO.
SD-52559-045

F

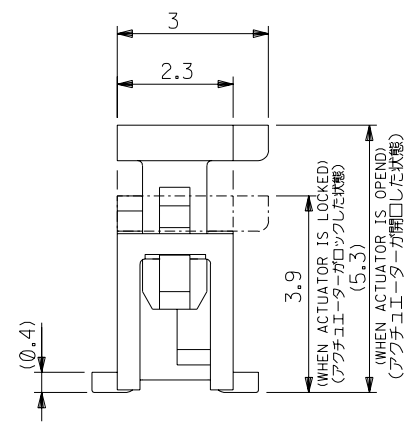
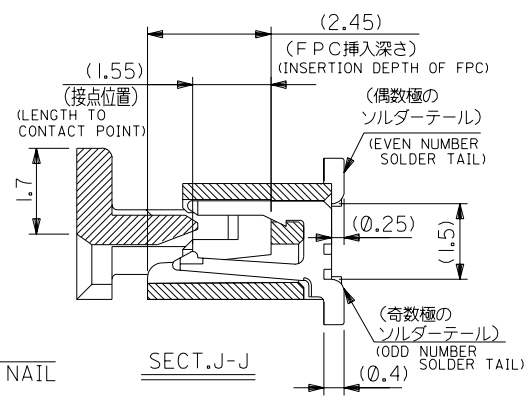
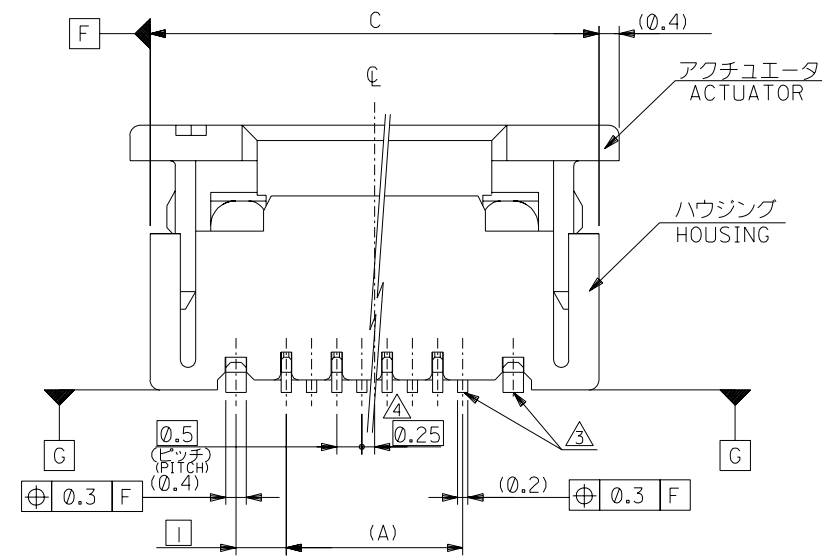
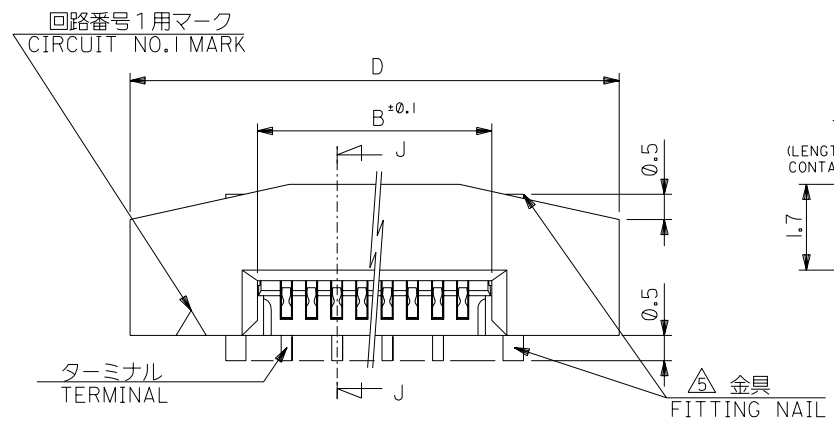
D

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.
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			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

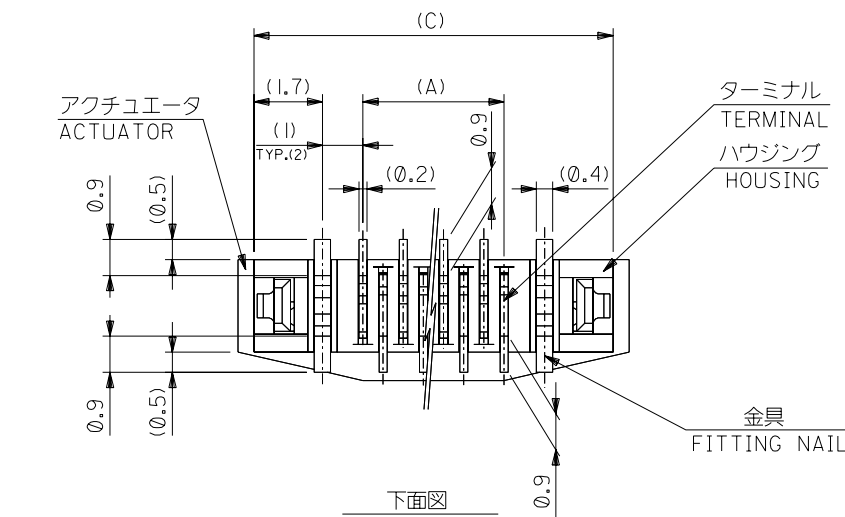
V

C

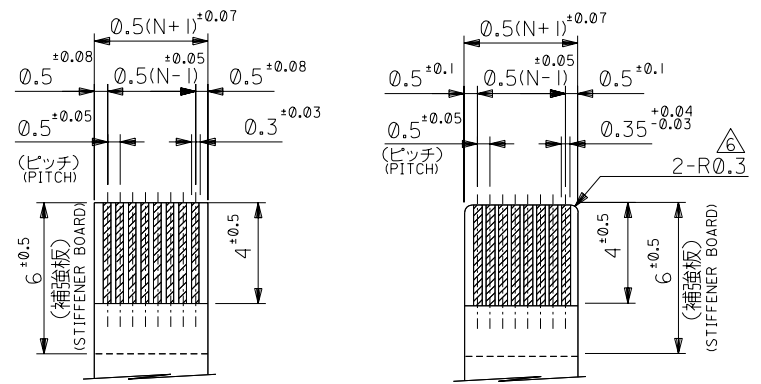
B

DO NOT SCALE DRAWING

8 7 6 5 4 3 2 1



下面図
BOTTOM VIEW

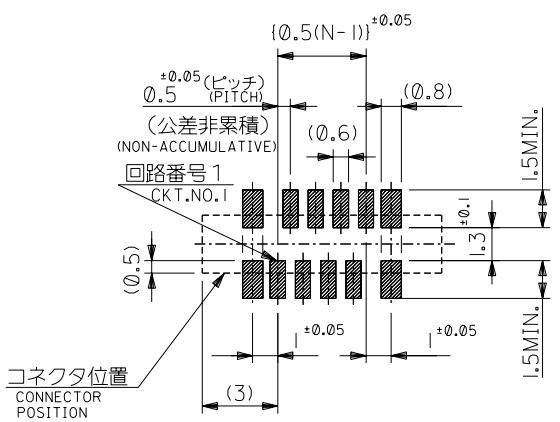


適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION.
(仕上がり厚さ: 0.3±0.05)
(THICKNESS: 0.3±0.05)

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

DESIGN NO. DRAWN: CH'K: APPR:	DESIGN NO. DRAWN: CH'K: APPR:	DESIGN NO. DRAWN: CH'K: APPR:	REVISED DESIGN NO. J2004-3551 DRAWN: H.KAWABATA '04/04/05 CH'K: K.TOJO '04/04/05 APPR: H. Sato '04/04/05	RELEASED DESIGN NO. J2004-1818 DRAWN: H.SHIMABUKURO '04/01/07 CH'K: 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	 FIRST ANGLE PROJECTION	☐ mm ☐ INCH ☒ mm ONLY	SHEET NO. 2 OF 2	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 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	MATERIAL NO. SEE CHART		DRAWING NO. SD-52559-045		SHEET NO. 2 OF 2					
											THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.											SIZE B	