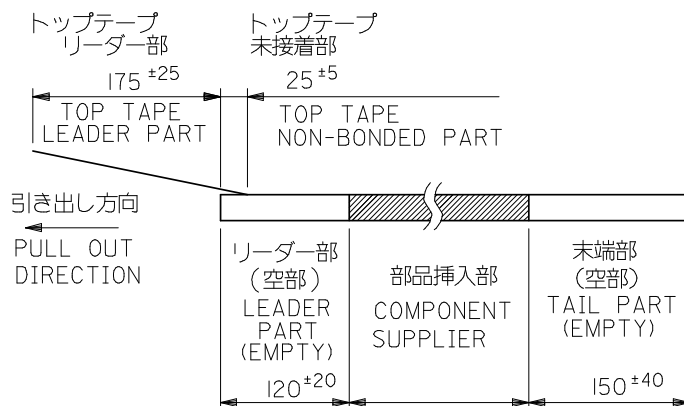


注記 NOTES

1. 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
2. 梱包数量：1000個/リール
NUMBER OF CONNECTORS:1000PCS/REEL
3. リードテープ長さ LEAD TAPE LENGTH

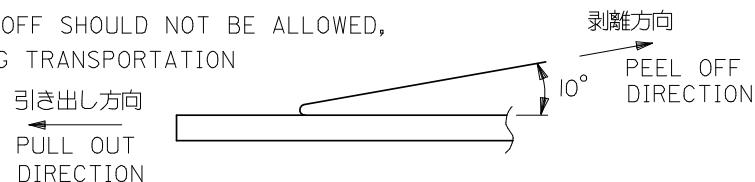


4. トップテープの剥離強度：(剥離方向は下図参照)
0.1N~1.3N {10gf~130gf}尚、本規格値は、出荷時に適用。
(但し、輸送時に剥離が発生しない事。)

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



剝離方向
PEEL OFF



5. 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>

6. 本製品は 52559-**90の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF

REVISED	EC NO: J2008-3972	DRAWN:MABEL	2008/05/20	CHKD: HARUYAMA	2008/05/21	APPR:NUKITA	2008/05/21	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	75559--*70	MODEL NO.
									10 UNDER	± 0.2	DRAWN BY HSHIMABUKURO	DATE '04/01/07	TITLE 0.5 FPC CONN ASSY ZIF SMT SMT EMBSTP PKG -LEAD FREE-	THIRD ANGLE PROJECTION		
									10 OVER 30 UNDER	± 0.25	CHECKED BY KTOJO	DATE '04/01/07				
									30 OVER	± 0.3	APPROVED BY MSASAO	DATE '04/01/07	molex MOLEX INCORPORATED			
									ANGULAR ±3 °	MATERIAL NO.	DOCUMENT NO.	SHEET NO.				
									DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	SD-52559-029	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

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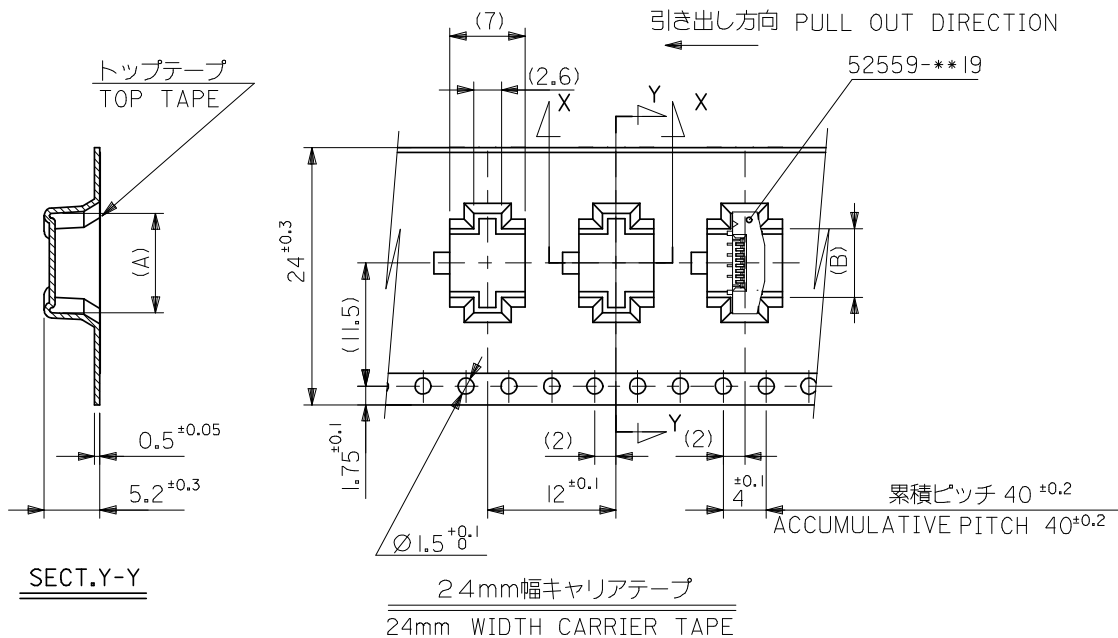
E

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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
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	6.4	9.3	52559-0870	8
			5.4	8.3	52559-0670	6
			(B)	(A)	MATERIAL. NO.	極数 CIRCUIT

REVISED EC NO: J2008-3972 2008/05/20 DRAWN: WABEI 2008/05/21 CHKD: THARUYAMA 2008/05/21 APPR: NUKITA	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-			
		10 OVER 30 UNDER	±0.25	CHECKED BY KTOJO	DATE '04/01/07				
		30 OVER	±0.3	APPROVED BY MSASAO	DATE '04/01/07	molex MOLEX INCORPORATED			
		ANGULAR ±3 °		MATERIAL NO. SEE CHART					
		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					

10 9 8 7 6 5 4 3 2 1

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B

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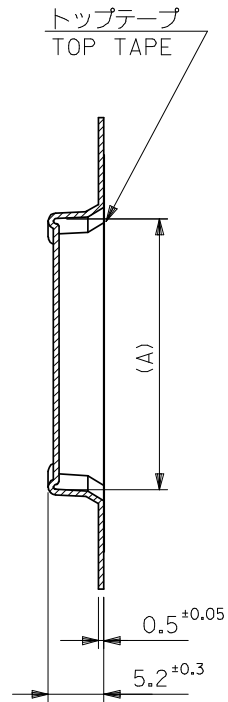
D

C

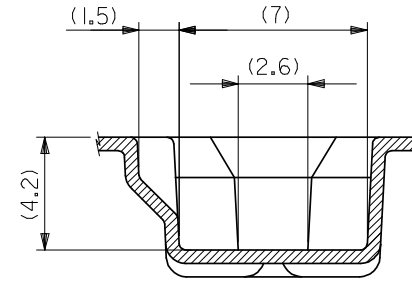
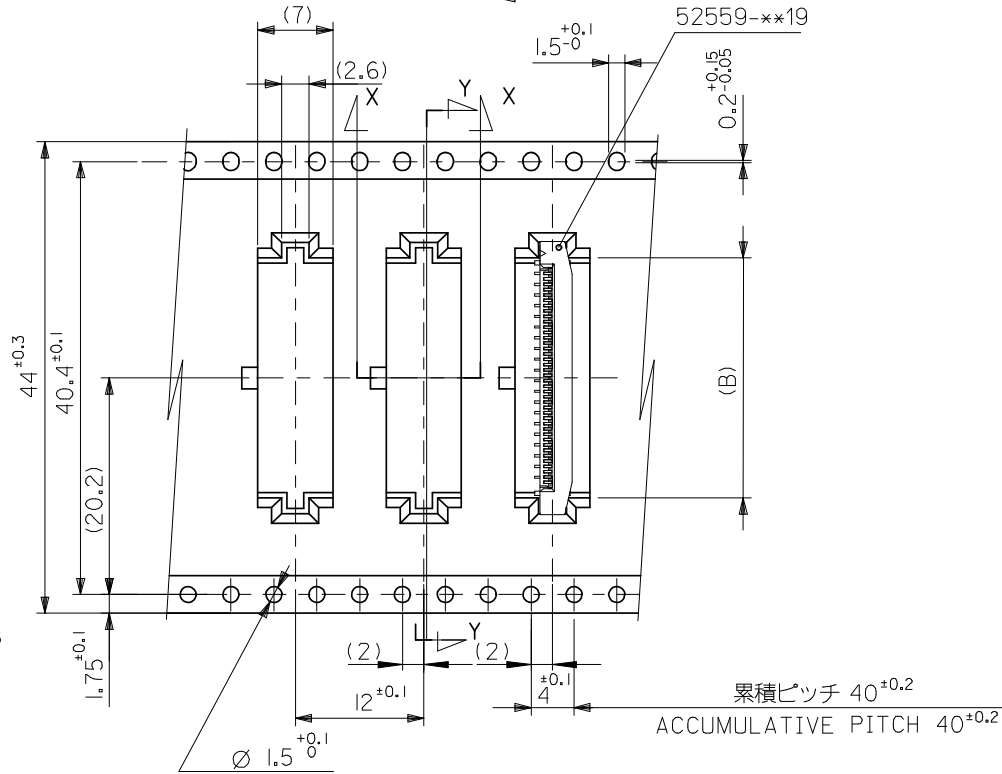
B

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

44	49.4	45.4	22.4	25.3	52559-4070	40
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	52559-3670	36
			MATERIAL NO.		CIRCUIT NO.	

REVISED EC NO: J2008-3972 DRWN:MNABEI CHK'D:THARUYAMA APPR:NUKITA	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 ST EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY KTOJO	DATE '04/01/07					
		30 OVER	±0.3	APPROVED BY MSASAO	DATE '04/01/07	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-52559-029			SHEET NO. 4 OF 4	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

DWG. NO.
SD-52559-045

F

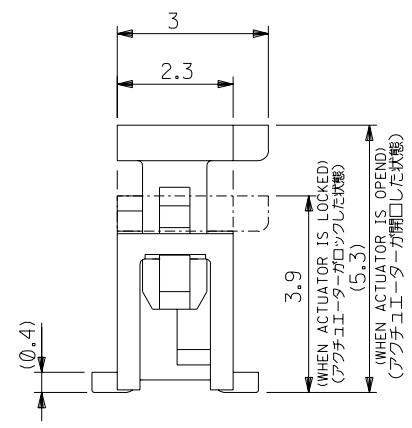
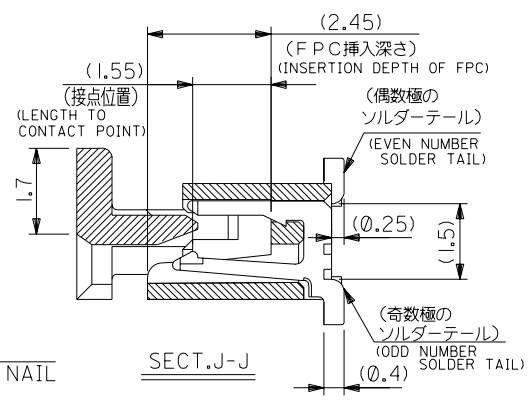
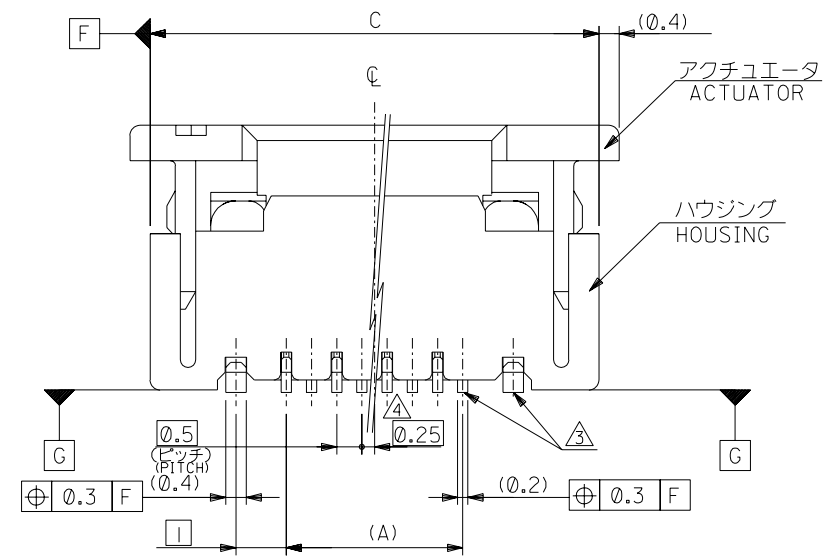
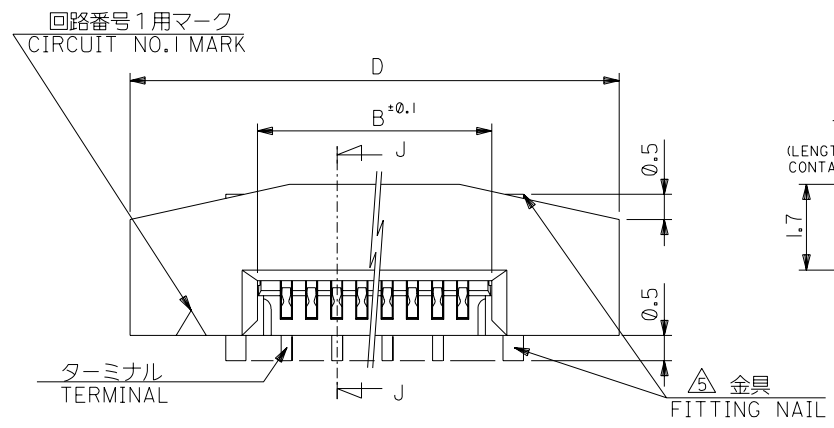
D

A

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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 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			GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差			SCALE —			DESIGN UNITS mm INCH			TITLE: 0.5 FPC Conn. Assy ZIF. -LEAD FREE-			MATERIAL NO. SEE CHART			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			FINISH 仕上げ			10 UNDER 未満			DRAWN BY & DATE H. SHIMABUKURO 04/01/07			CHECKED BY & DATE K. TOJO 04/01/07			APPROVED BY & DATE H. Sato 04/01/07			CAD FILENAME SD-52559-045.S01			7888 DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			SIZE B		
WIRE RANGE 適用電線範囲			INS. RANGE 被覆外径			10 OVER 以上			30 UNDER 未満			30 OVER 以上			ANGLE 角度			±0.2			±0.25			±0.3			±3°		
SEE NOTES			SEE NOTES			SEE NOTES			SEE NOTES			SEE NOTES			SEE NOTES			SEE NOTES			SEE NOTES			SEE NOTES			SEE NOTES		

DWG. NO.
SD-52559-045

F

D

V

C

B

DO NOT SCALE DRAWING

8 7 6 5 4 3 2 1

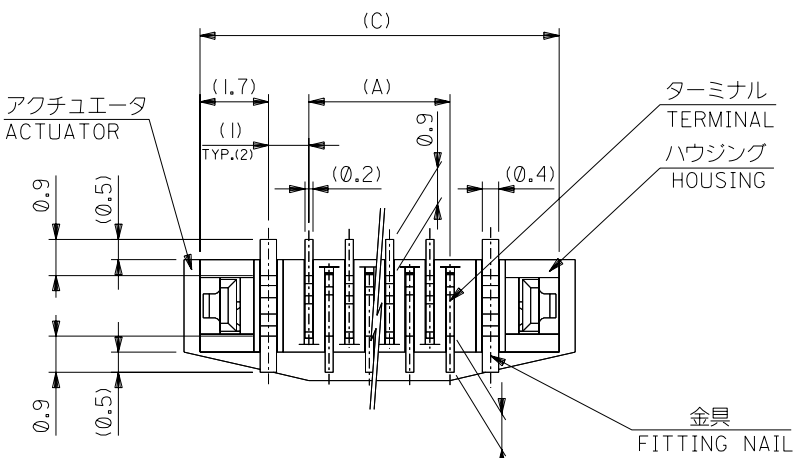
F

E

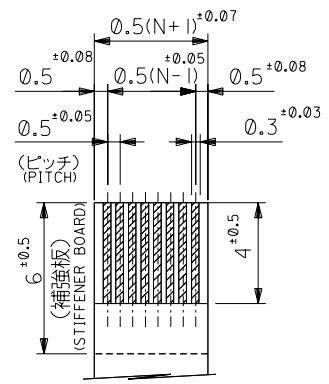
D

C

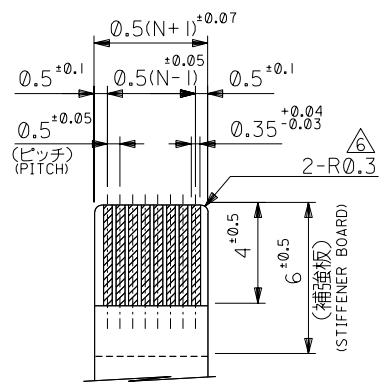
B



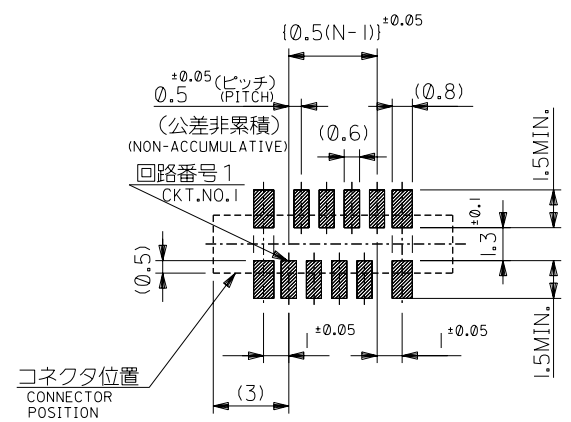
下面図
BOTTOM VIEW



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

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	 FIRST ANGLE PROJECTION	☐ mm INCH ☐ INCH ☒ mm ONLY	SHEET NO. 2 OF 2	REV C
										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		
										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.							SIZE B

8 7 6 5 4 3 2 1

SD-52559-045.S02