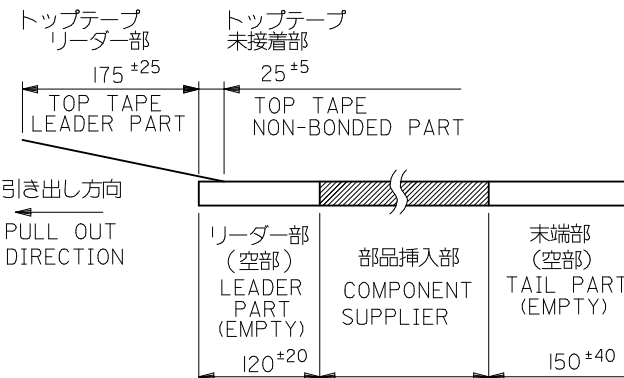
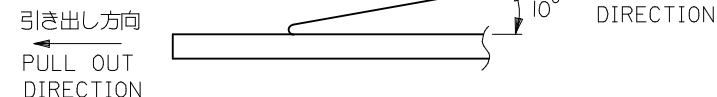


注記 NOTES

- 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



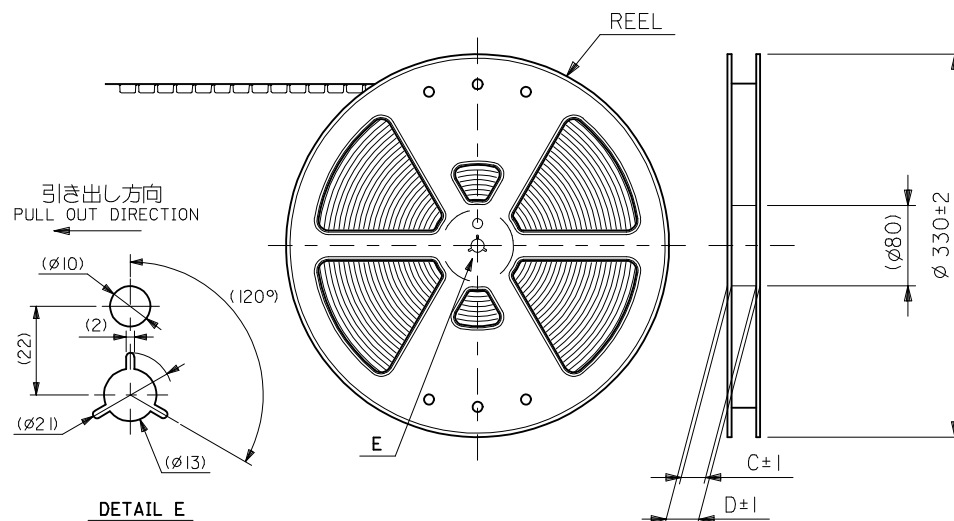
- トップテープの剥離強度：(剥離方向は下図参照)
0.1N～1.3N {10gf～130gf}尚、本規格値は、出荷時に適用。
(但し、輸送時に剥離が発生しない事。)
PEELING OFF FORCE OF TOP TAPE
0.1～1.3N{10gf～130gf}(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT
PEEL OFF SHOULD NOT BE ALLOWED,
DURING TRANSPORTATION



- 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>

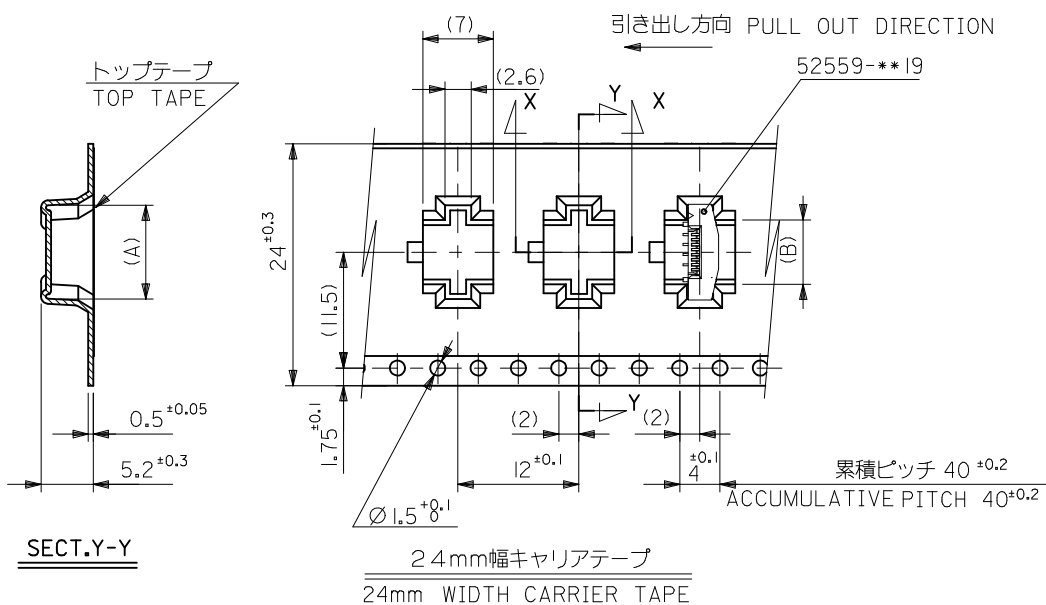
MATERIAL CARRIER TAPE:POLYPROPYLENE
TOP TAPE:PET,PE,PEF
REEL:POLYSTYREN(PS)
<RECYCLE MATERIAL CONTAINED>

- 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.



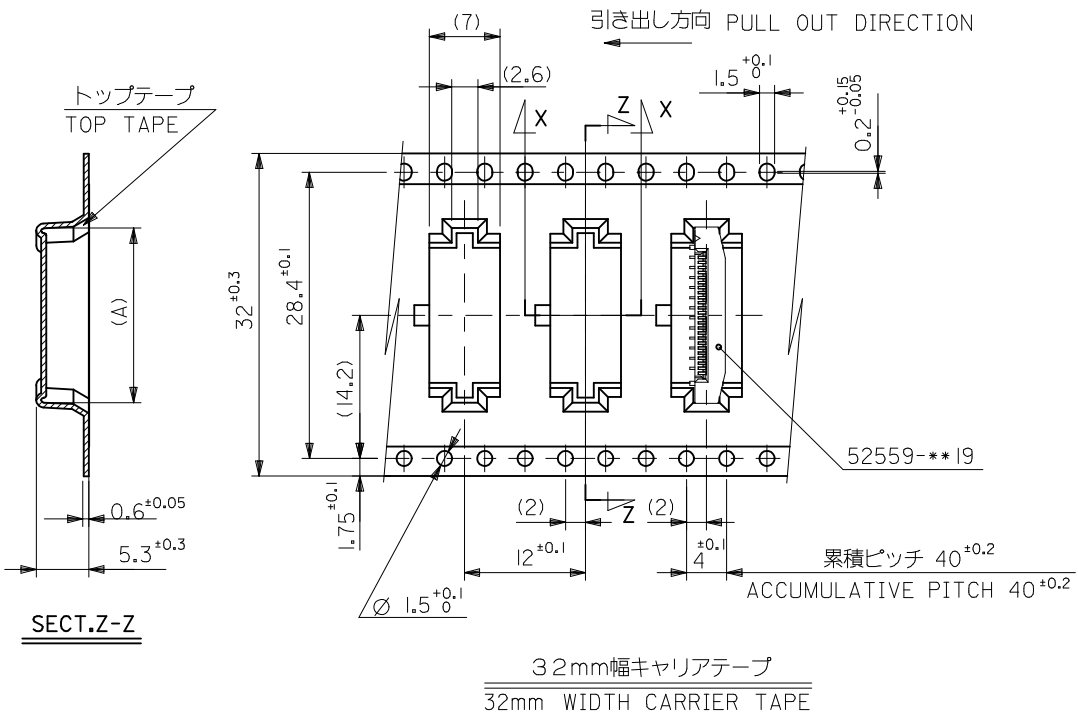
DETAIL E

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 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			



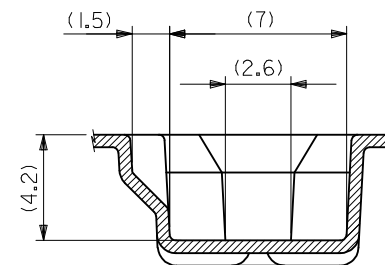
24	29.4	25.4	13.4	16.3	52559-2270	22		
			12.4	15.3	52559-2070	20		
			11.9	14.8	52559-1970	19		
			11.4	14.3	52559-1870	18		
			10.4	13.3	52559-1670	16		
			9.9	12.8	52559-1570	15		
			9.4	12.3	52559-1470	14		
			8.9	11.8	52559-1370	13		
			8.4	11.3	52559-1270	12		
			7.9	10.8	52559-1170	11		
			6.4	9.3	52559-0870	8		
			5.4	8.3	52559-0670	6		
MODEL No.52559-**-70			24	29.4	25.4			
CARRIER TAPE WIDTH			D	C	(B)	(A)		
DIMENSION STYLE			MM ONLY	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
DRAWN BY			DATE	TITLE				
HSHIMABUKURO			'04/01/07	0.5 FPC CONN ASSY ZIF SMT SMT EMBSTP PKG -LEAD FREE-				
CHECKED BY			DATE					
KTOJO			'04/01/07	MOLEX INCORPORATED				
APPROVED BY			DATE					
MSASAO			'04/01/07	SD-52559-029				
MATERIAL NO.								
SEE TABLE				SHEET NO.				
SIZE			A3	2 OF 4				

REVISED EC NO: J2009-2061 2009/05/20 DRWN:TKON 2009/05/21 CHKD:HMATSUMOTO 2009/05/21 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.		DOCUMENT NO.		SHEET NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52559-029		2 OF 4			
	REV				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
32	37.4	33.4	14.4	17.3	52559-2470	24
			(B)	(A)	MATERIAL. NO.	極致CIRCUIT

MODEL No.52559-**-70		キャリアテープ幅 CARRIER TAPE WIDTH		D	C	(B)	(A)	MATERIAL. NO.		極致CIRCUIT	
GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION			
REVISED EC NO: J2009-2061 DRWN:TKN CHKD:HMATSUMOTO APPR:NUKITA 2009/05/20 2009/05/21 2009/05/21	DESCRIPTION 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-			
		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.		DOCUMENT NO.					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SD-52559-029			
D								SHEET NO. 3 OF 4			



SECT.X-X

REV	DESCRIPTION
	REVISED EC NO: J2009-2061 DRWN:TKON 2009/05/20 CHKD:HMAI SUMOTO 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	

44		49.4		45.4		22.4		25.3		52559-4070		40	
						20.4		23.3		52559-3670		36	
0		キヤリアテープ幅 CARRIER TAPE WIDTH		D		C		(B)		(A)		MATERIAL NO.	
		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		 THIRD ANGLE PROJECTION		CIRCUIT NO.			
DRAWN BY		DATE		TITLE		0.5 FPC CONN ASSY ZIF SMT ST EMBSTP PKG -LEAD FREE-							
HSHIMABUKURO		'04/01/07											
CHECKED BY		DATE											
KTOJO		'04/01/07											
APPROVED BY		DATE		 MOLEX INCORPORATED									
MSASAO		'04/01/07											
MATERIAL NO.				DOCUMENT NO.								SHEET NO.	
SEE TABLE				SD-52559-029								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

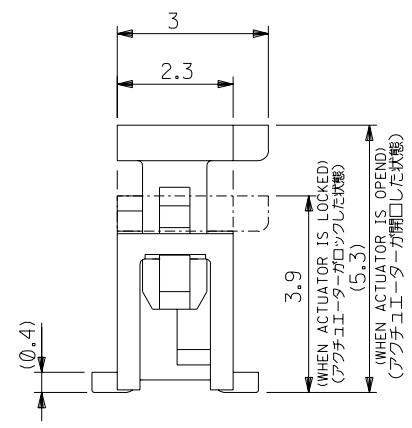
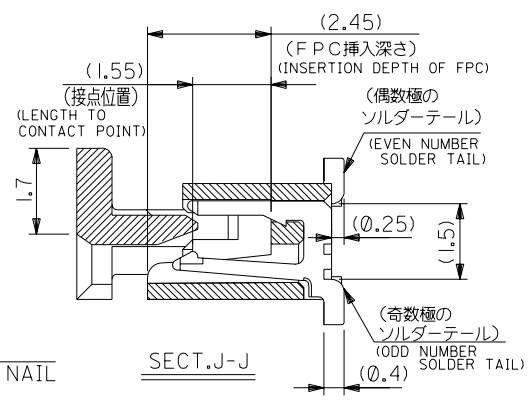
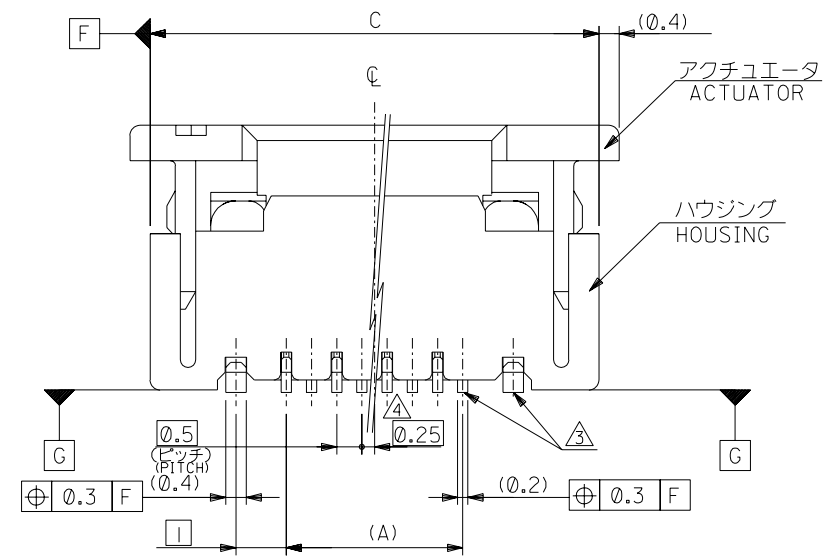
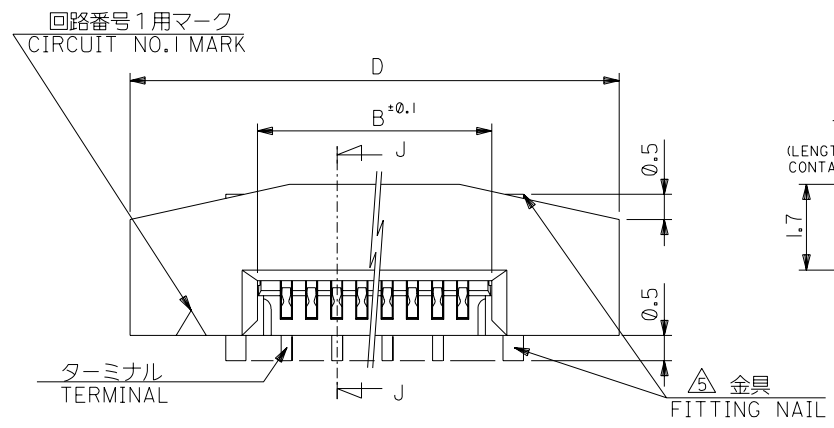
D

A

C

B

DO NOT SCALE DRAWING



注記 NOTES

- 使用材料 : MATERIAL
ハウジング : 46NYLON UL94V-0
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.
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 '04/04/05 CHK: K.TOJO '04/04/05 APPR: H. Sato '04/04/05			RELEASED DRAWN: H.SHIMABUKURO '04/01/07 CHK: K.TOJO '04/01/07 APPR: H. Sato '04/01/07			MATERIAL 材料			GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差			SCALE —			DESIGN UNITS mm ☒ INCH ☐			PROJECTION 2 RD ANGLE PROJECTION			DIMENSIONS: ☐ mm ☐ INCH ☐ mm ONLY			SHEET NO. REVISE ON CAD ONLY		
A			0			SEE NOTES			FINISH 仕上り			10 UNDER 未満			DRAWN BY & DATE H.SHIMABUKURO '04/01/07			TITLE: 0.5 FPC Conn. Assy ZIF. -LEAD FREE-			MOLEX INCORPORATED			SHEET NO. 1 OF 2		
									10 OVER 30 UNDER 以上 未満			CHECKED BY & DATE K.TOJO '04/01/07														
									30 OVER 以上			APPROVED BY & DATE H. Sato '04/01/07			CAD FILENAME SD-52559-045.S01			MATERIAL NO. SEE CHART			DRAWING NO. SD-52559-045					
						WIRE RANGE 適用電線範囲			ANGLE 角度			±3°			DRAWING NO. SD-52559-045			MATERIAL NO. SEE CHART			DRAWING NO. SD-52559-045			SHEET NO. 1 OF 2		
						INS. RANGE 被覆外径									DRAWING NO. SD-52559-045			MATERIAL NO. SEE CHART			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

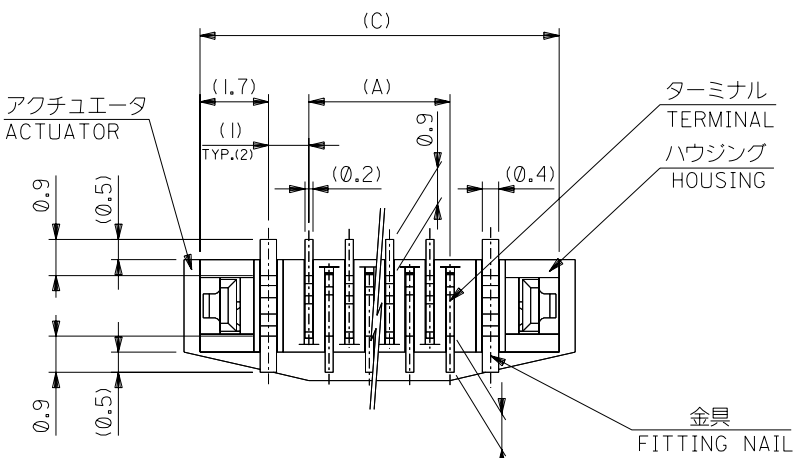
F

E

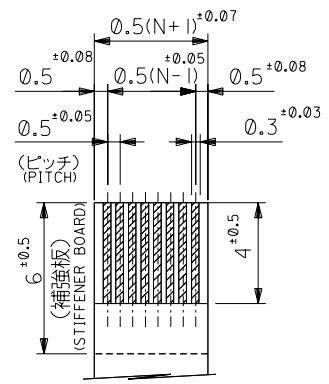
D

C

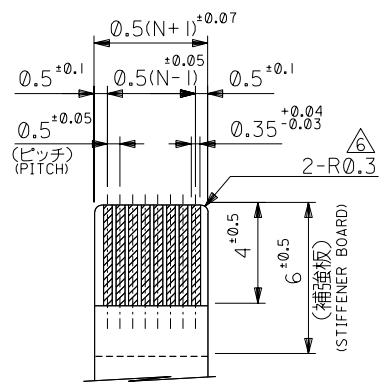
B



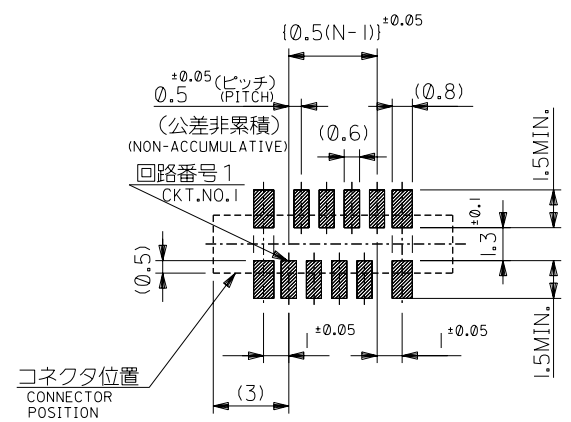
下面図
BOTTOM VIEW



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

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	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	PROJECTION ☒ FIRST ANGLE ☐ THIRD ANGLE	☐ mm ☐ INCH ☒ mm ONLY	REVISION CADD 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		
									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