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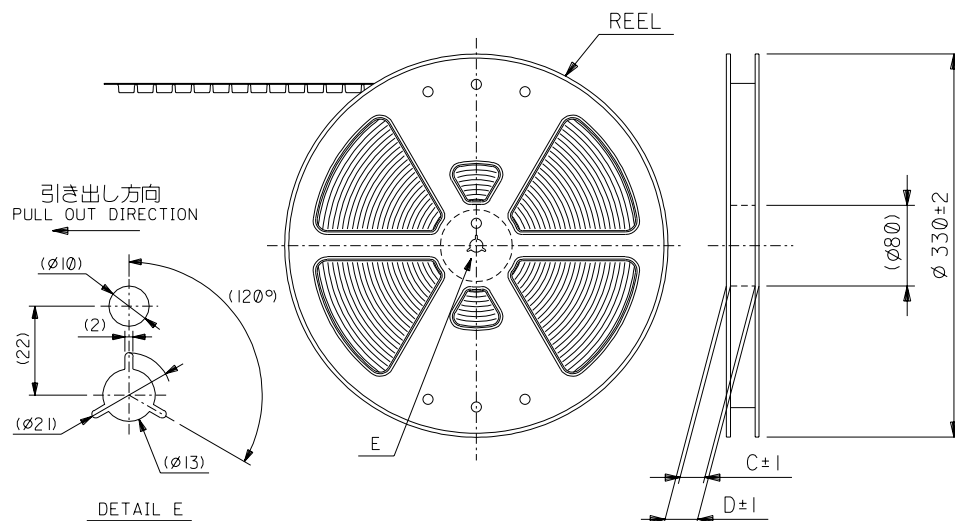
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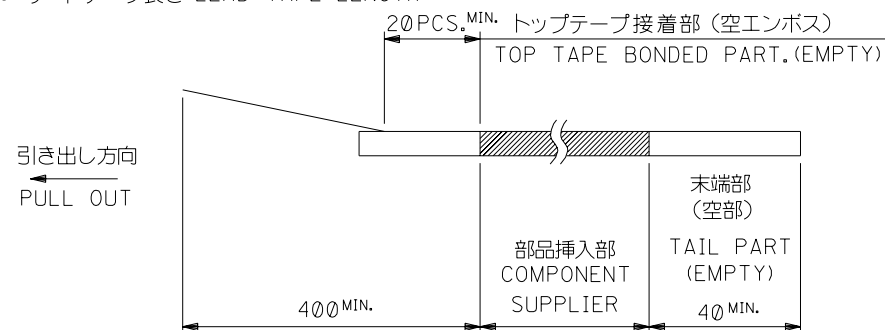
5. 材料 キャリアテープ: ポリプロピレン (PP)
 トップテープ: PET, PE, PEF
 リール: ポリスチレン (PS) <リサイクル材を含む>

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

6. 本製品は 52559-**-92の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52559-**-92

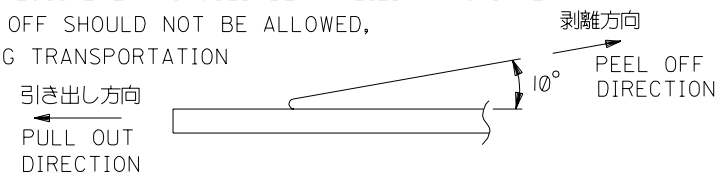
注記 NOTES

- 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-52559-027 を参照下さい。
IN THE PACKAGE, ACTUATOR OF PART NO. 52559-**-19 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



4. 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



28 NO. DRWN: CHK: APPR:			63 NO. DRWN: CHK: APPR:			62 NO. DRWN: CHK: APPR:			REVISED 28 NO. J2004-2769 DRWN: H. SHIMABUKURO CHK: K. TOJO APPR: H. Sadao			RELEASED 63 NO. J2004-1818 DRWN: H. SHIMABUKURO CHK: K. TOJO APPR: H. Sadao			DESCRIPTION			MATERIAL 材料 注記参照 SEE NOTES			GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差			SCALE —			DESIGN UNITS mm INCH mm INCH			2RD ANGLE PROJECTION			mm INCH mm INCH mm ONLY			2RD ANGLE ON CAD ONLY																																			
																											TITLE: 0.5 FPC Conn. Assy ZIF. For SMT.Embstp pkg -LEAD FREE-																																												
																											MOLEX INCORPORATED																																												
																											ANGLE 角度									SD-52559-028.S01									52559-**-72									SD-52559-028									SHEET NO. 1 OF 4								
																											THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.									SIZE B																																			

DWG. NO. SD-52559-028

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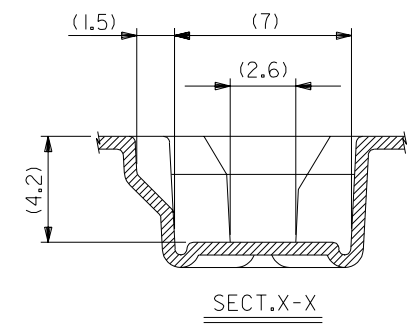
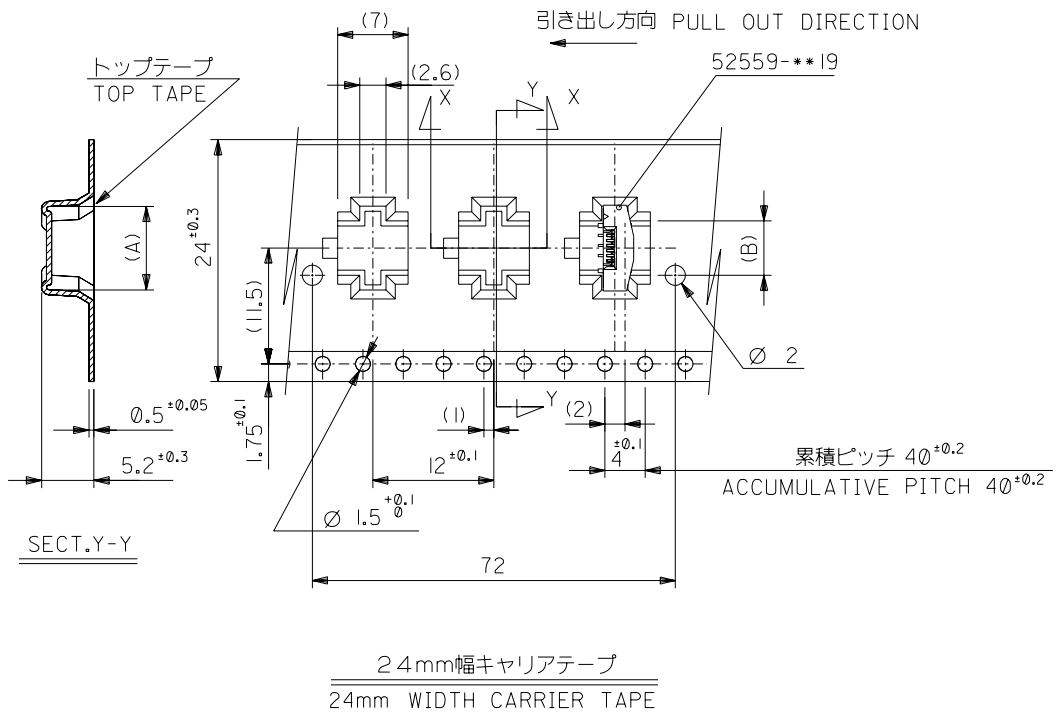
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DO NOT SCALE DRAWING

DESIGN NO. J2004-2769 DRAWN: H. SIMABUKURO CHK: K. TOJO APPR: H. Sano	DESIGN NO. J2004-1818 DRAWN: H. SIMABUKURO CHK: K. TOJO APPR: H. Sano	REVISED REVISED REVISED	REVISIONS 1 2 3	DESCRIPTION 1 2 3	MATERIAL 材料 注記参照 SEE NOTES	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	SCALE —	DESIGN UNITS mm INCH	PROJECTION FIRST ANGLE PROJECTION	TITLE: 0.5 FPC Conn. Assy ZIF. For SMT.Embstop pkg -LEAD FREE-	SHT 2 OF 4	REV B
INS. RANGE 被覆外径	WIRE RANGE 適用電線範囲	FINISH 仕上げ	ANGLE 角度	30 OVER 以上	30 UNDER 未満	10 OVER 以上	10 UNDER 未満	±0.2	±0.25	±0.3	±3°	SIZE B



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.

DWG. NO.
SD-52559-028

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DO NOT SCALE DRAWING

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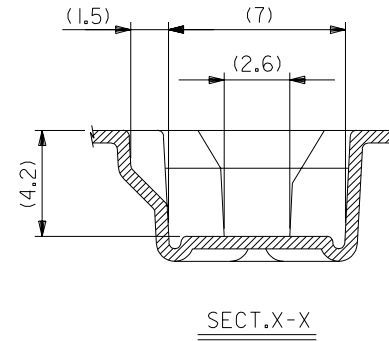
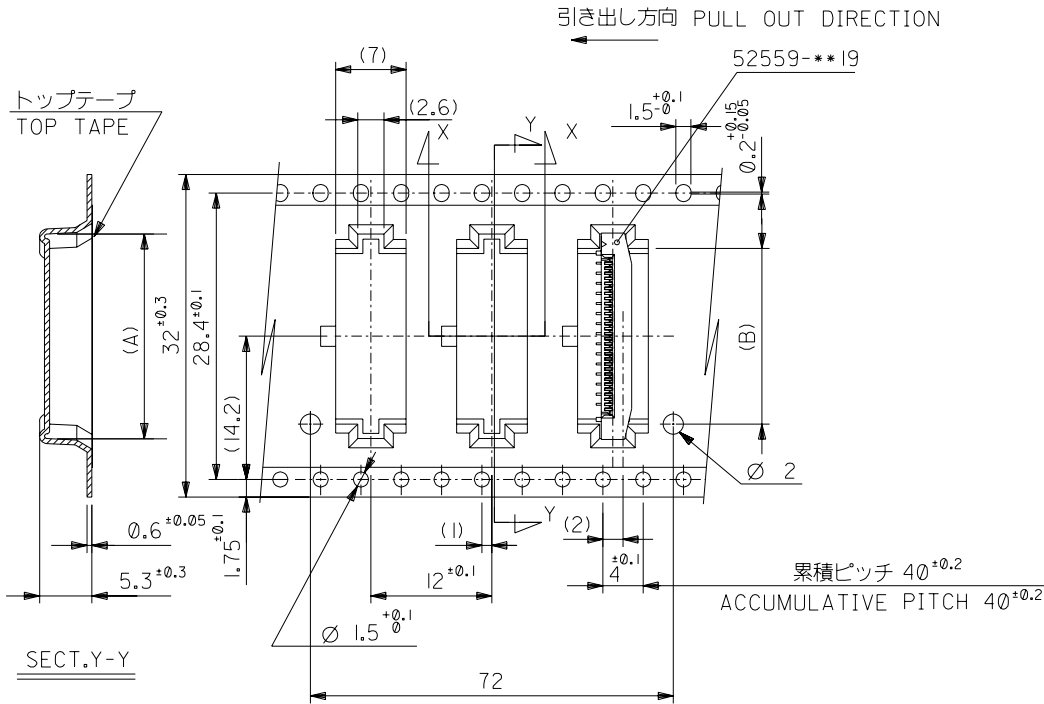
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32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	37.4	33.4	18.4	21.3	52559-3272	32
			17.4	20.3	52559-3072	30
			16.4	19.3	52559-2872	28
			15.9	18.8	52559-2772	27
			15.4	18.3	52559-2672	26
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	CIRCUIT NO.

REVISED J2004-2769 DRAWN: H.SHIMABUKURO CHK: K.TOJO APPR: H. Saito		RELEASED J2004-1818 DRAWN: H.SHIMABUKURO CHK: K.TOJO APPR: H. Saito		DESCRIPTION MATERIAL 材料 注記参照 SEE NOTES	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE —	DESIGN UNITS ☑mm □INCH	STANDARD ANGLE PROJECTION TITLE: 0.5 FPC Conn. Assy ZIF. For SMT.Embstp pkg -LEAD FREE-	DIMENSIONS: □mm □INCH ☑mm ONLY		REVISE ON CAD ONLY
10 UNDER 未満		±0.2			DRAWN BY & DATE H.SHIMABUKURO '04/01/07							
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. Saito '04/01/07							
WIRE RANGE 適用電線範囲		—		ANGLE 角度		±3°		CAD FILENAME SD-52559-028.S03	MATERIAL NO. 52559-**-72	DRAWING NO. SD-52559-028	SHEET NO. 3 OF 4	
INS. RANGE 被覆外径		—				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				SIZE B		

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EN-02J(097) MXJ-54

DWG. NO.
SD-52559-028

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DO NOT SCALE DRAWING

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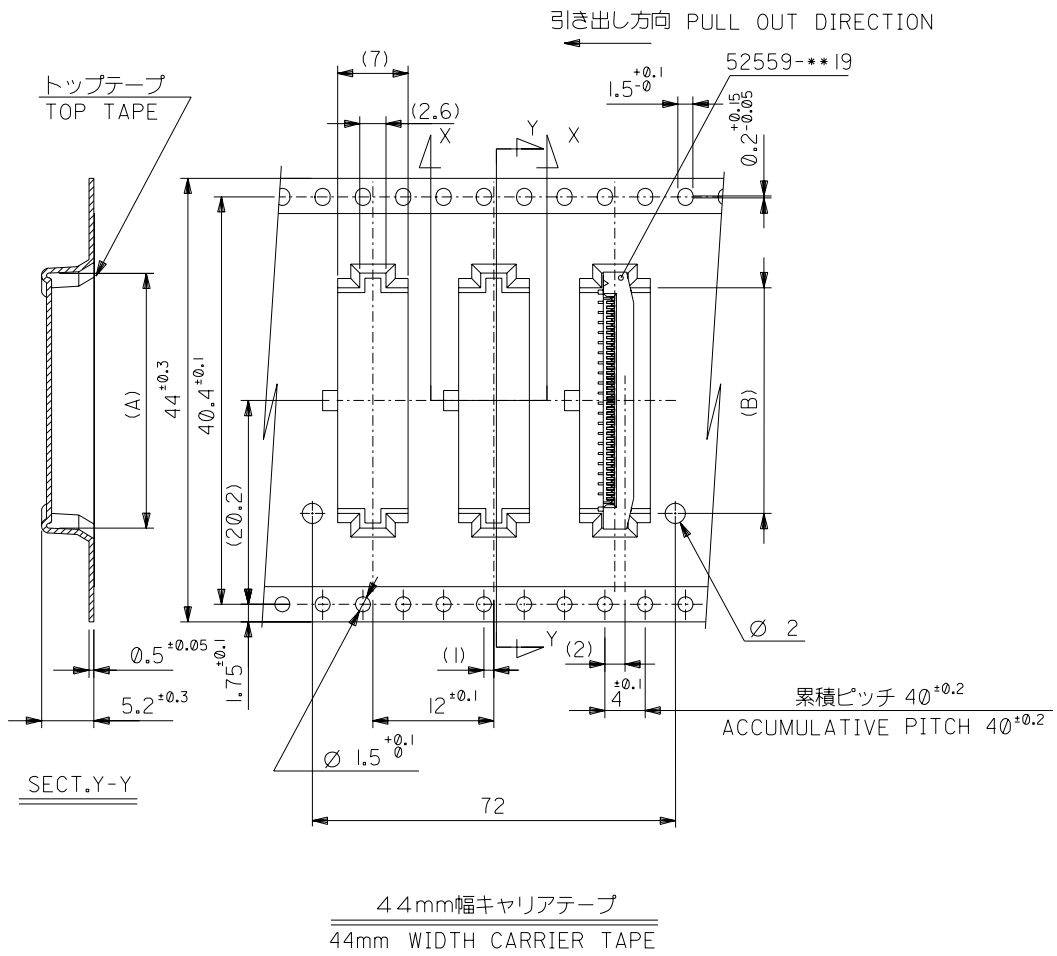
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44		49.4	45.4	22.4	25.3	52559-4072	40
キャリアテープ幅 CARRIER TAPE WIDTH		D	C	20.4	23.3	52559-3672	36
				(B)	(A)	MATERIAL NO.	CIRCUIT NO.
				DIMENSIONS:		SHT	REV
				☐ mm ☐ INCH ☒ mm ONLY		REVISE ON CAD ONLY	
SCALE —— ☒ mm ☐ INCH		 THIRD ANGLE PROJECTION		TITLE: 0.5 FPC Conn. Assy ZIF. For SMT.Embstp pkg -LEAD FREE-			
DRAWN BY & DATE H.SHIMABUKURO '04/01/07		CHECKED BY & DATE K.TOJO '04/01/07					
APPROVED BY & DATE H. Sato '04/01/07		MOLEX MOLEX INCORPORATED					
±0.2	CAD FILENAME SD-52559-028.S04		MATERIAL NO. 52559-**-72	DRAWING NO. SD-52559-028		SHEET NO. 4 OF 4	
±0.25	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.						SIZE B
±0.3							
±3°							

8 7 6 5 4 3 2

DWG. NO.
SD-52559-045

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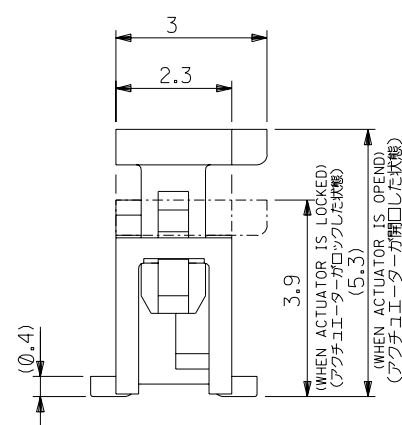
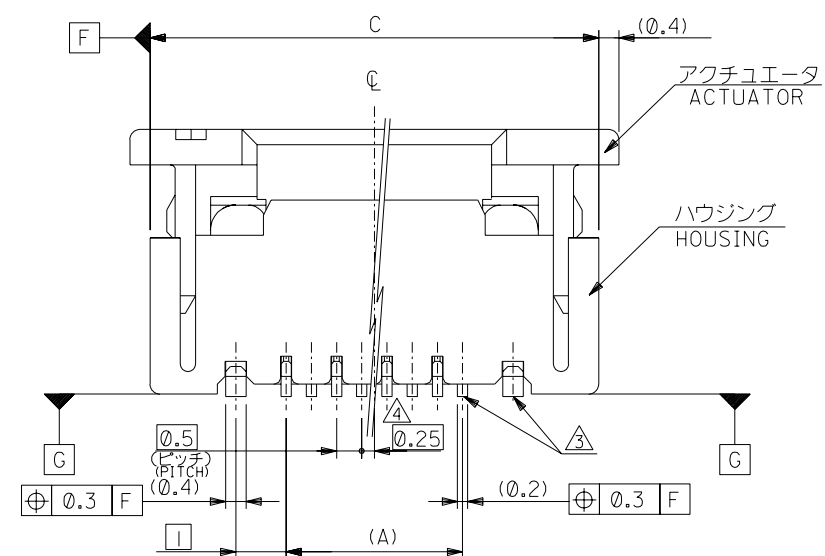
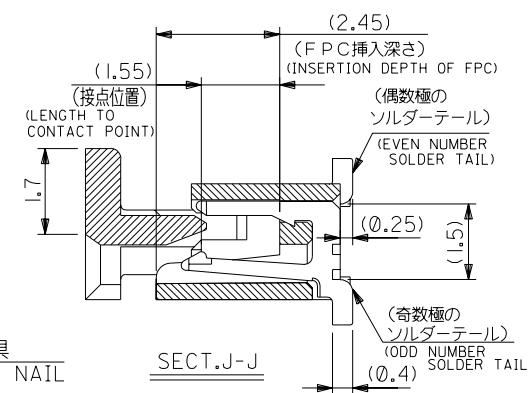
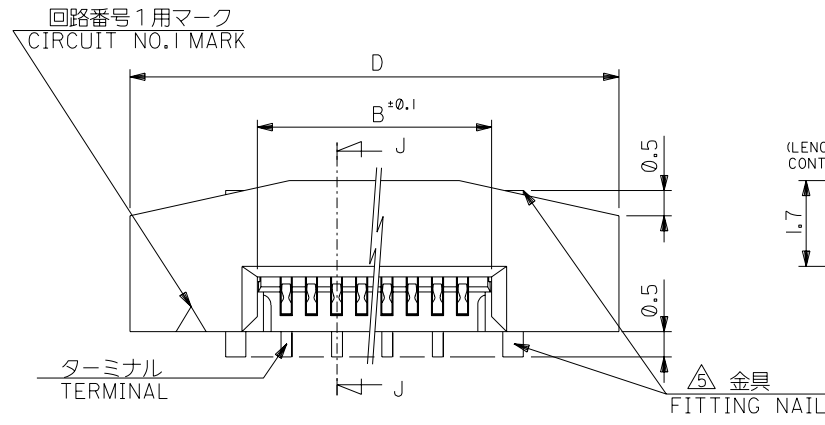
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DO NOT SCALE DRAWING

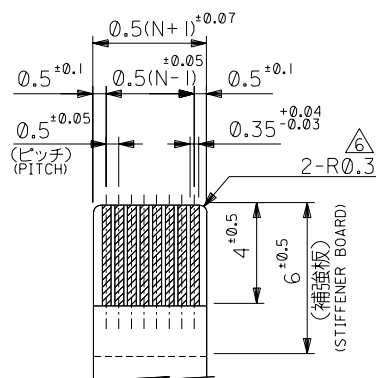


注記 NOTES

- 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)
TERMINAL : 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.
△R.O. 3は、FPCの導体部にカからないこと。
R.O.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			RELEASED			MATERIAL 材料	注記参照 SEE NOTES			GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE —	DESIGN UNITS ☒ mm ☐ INCH	第三角 PROJECTION	DIMENSIONS: ☐ mm ☐ INCH		SHEET NO. 1 OF 2	REV ON CAD ONLY	
DRAWN: H. KAWABATA			DRAWN: H. SHIMABUKURO							10 UNDER 未満		±0.2	DRAWN BY & DATE H. SHIMABUKURO '04/01/07		TITLE: 0.5 FPC Conn. Assy ZIF. -LEAD FREE-				
CH'K: K. TOJO			CH'K: K. TOJO							10 OVER 30 UNDER 未満		±0.25	CHECKED BY & DATE K. TOJO '04/01/07						
APPR: H. Saito			APPR: H. Saito							30 OVER 以上		±0.3	APPROVED BY & DATE H. Saito '04/01/07		MOLEX MOLEX INCORPORATED				
REV			INS. RANGE 被覆外径			WIRE RANGE 適用電線範囲		ANGLE 角度		±3°	CAD FILENAME SD-52559-045.S01		MATERIAL NO. SEE CHART	DRAWING NO. SD-52559-045		B2B5 DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE B	

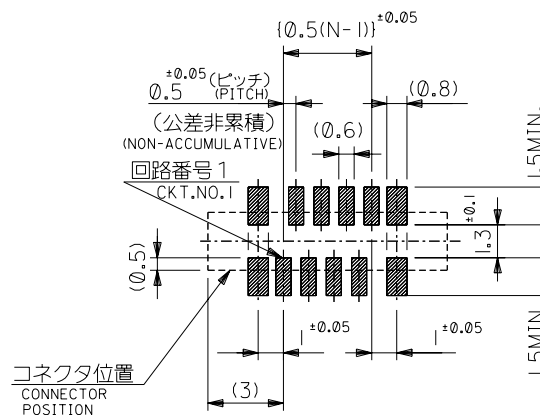
8	7	6	5	4	3	2	EN-02J(09
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適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION.
(仕上がり厚さ: $0.3^{+0.05}$)
(THICKNESS: $0.3^{+0.05}$)

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	20.6
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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	52559-40	19	40
23.7	22.9	18.65	17.5		-36	19 36
22.2	21.4	17.15	16.0		-33	19 33
21.7	20.9	16.65	15.5		-32	19 32
21.2	20.4	16.15	15.0		-31	19 31
20.7	19.9	15.65	14.5		-30	19 30
20.2	19.4	15.15	14.0		-29	19 29
19.7	18.9	14.65	13.5		-28	19 28
19.2	18.4	14.15	13.0		-27	19 27
18.7	17.9	13.65	12.5		-26	19 26
18.2	17.4	13.15	12.0		-25	19 25
17.7	16.9	12.65	11.5		-24	19 24
17.2	16.4	12.15	11.0		-23	19 23
16.7	15.9	11.65	10.5		-22	19 22
16.2	15.4	11.15	10.0		-21	19 21
15.7	14.9	10.65	9.5		-20	19 20
15.2	14.4	10.15	9.0		-19	19 19
14.7	13.9	9.65	8.5		-18	19 18
14.2	13.4	9.15	8.0		-17	19 17
13.7	12.9	8.65	7.5		-16	19 16
13.2	12.4	8.15	7.0		-15	19 15
12.7	11.9	7.65	6.5		-14	19 14
12.2	11.4	7.15	6.0		-13	19 13
11.7	10.9	6.65	5.5		-12	19 12
11.2	10.4	6.15	5.0		-11	19 11
10.7	9.9	5.65	4.5		-10	19 10
10.2	9.4	5.15	4.0		-09	19 9
9.7	8.9	4.65	3.5		-08	19 8
8.7	7.9	3.65	2.5	52559-06	19	6
D	C	B	(A)	MATERIAL NO.	極数	

DESIGN NO. DRWN: CH'K: APPR:	DESIGN NO. DRWN: CH'K: APPR:	DESIGN NO. DRWN: CH'K: APPR:	DESIGN NO. J2004-3551 DRWN: H.KAWABATA '04/04/05 CH'K: K.TOJO '04/04/05 APPR: H. Saitoh '04/04/05	REVISED	DESIGN NO. J2004-1818 DRWN: H.SHIMABUKURO '04/01/07 CH'K: K.TOJO '04/01/07 APPR: H. Saitoh '04/01/07	RELEASED	DESIGN NO. J2004-1818 DRWN: H.SHIMABUKURO '04/01/07 CH'K: K.TOJO '04/01/07 APPR: H. Saitoh '04/01/07	DESCRIPTION	MATERIAL 材料 注記参照 SEE NOTES	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差	SCALE —	DESIGN UNITS ☒ mm ☐ INCH	MODEL NO. SD-52559-045	SIZE B
								FINISH 仕上け		10 UNDER 未満	±0.2	DRAWN BY & DATE H.SHIMABUKURO '04/01/07	TITLE: 0.5 FPC Conn. Assy ZIF. -LEAD FREE-	SIZE B
								WIRE RANGE 適用電線範囲		10 OVER 以上	±0.25	CHECKED BY & DATE K.TOJO '04/01/07		
								INS. RANGE 被覆外径		30 OVER 以上	±0.3	APPROVED BY & DATE H. Saitoh '04/01/07	MOLEX INCORPORATED	
										ANGLE 角度	±3°	CAD FILENAME SD-52559-045.S02	MATERIAL NO. SEE CHART	SHEET NO. 2 OF 2
												THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		

W.D.	SD-52559-045.S02
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