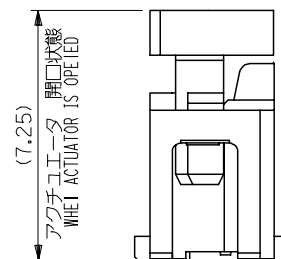
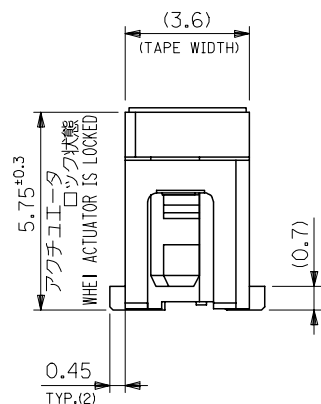
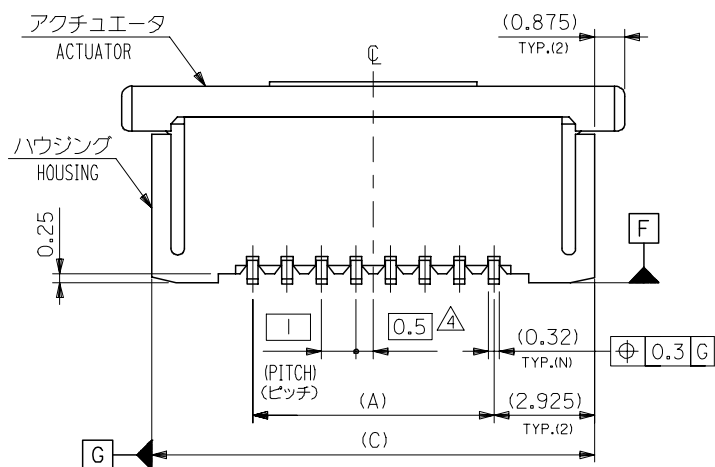
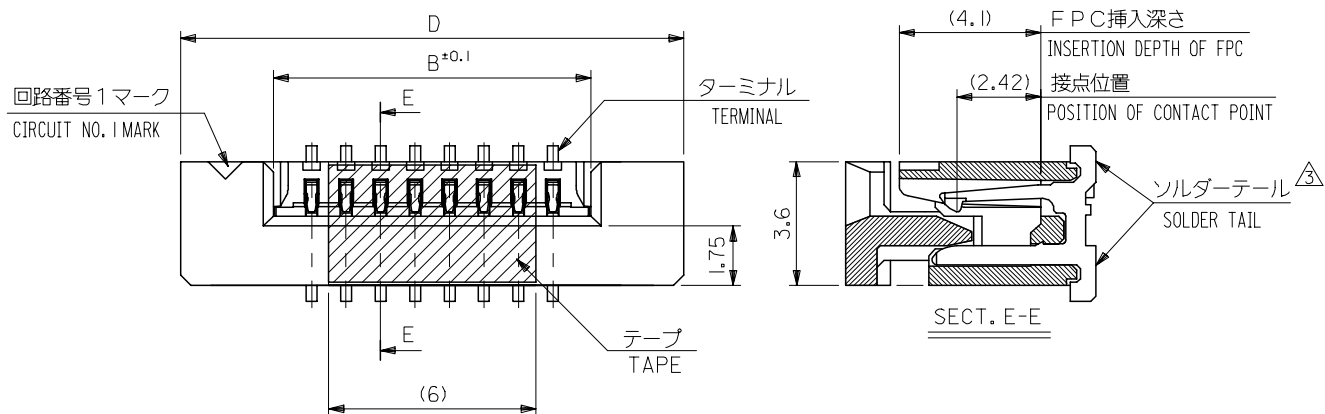
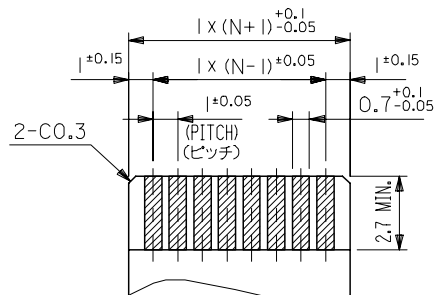


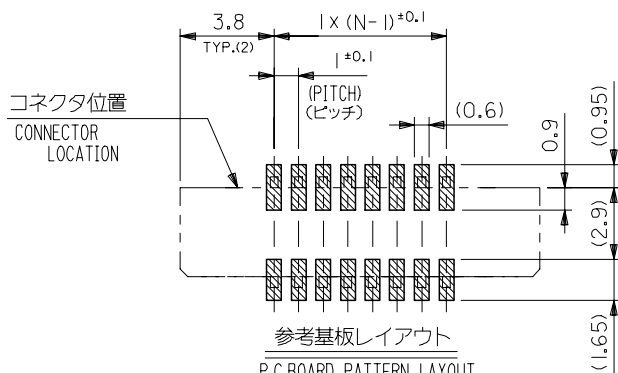
10 9 8 7 6 5 4 3 2 1



REVISED EC NO: J2006-0190 DRW:HYAJIMA 2005/07/27 CHKDN:UKITA 2005/07/27 APPR:NUKITA 2005/08/02	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 '04/3/17	TITLE 1.0 FPC CONN ZIF FOR SMT (ST)WITH TAPE -LEAD FREE-			
		10 OVER 30 UNDER	±0.25	CHECKED BY K.TOJO	DATE '04/3/17				
		30 OVER	±0.3	APPROVED BY M.SASAO	DATE '04/3/17	MOLEX INCORPORATED			
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ENTER PART		SD-52610-034		1 OF 2		
	REV A	SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



適合FPC推奨寸法
APPLICABLE FPC RECOMMENDED DIM.
仕上がり厚さ(THICKNESS): 0.3^{+0.05}



注記(NOTES):

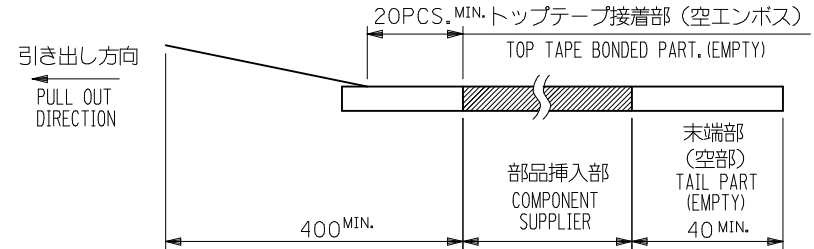
- 材料(MATERIAL)
ハウジング(HOUSING): 46NYLON, UL94V-0
アクチュエータ(ACTUATOR): PPS, UL94V-0
ターミナル(TERMINAL): リン青銅、ニッケル下地、錫-ビスマスメッキ (t0.32)
PHOS-BRO. TIN-BISMUTH OVER NICKEL PLATED ④
- エンボステープ梱包時は、アクチュエータがロックした状態とする。
IN THE PACKAGE, ACTUATOR OF PART NO. 52610-**59 SHOULD BE LOCKED.
- ③ ソルダータール半田付け面のズレ量は、基準面 [F] に対し上方向 0.05 MAX., 下方向 0.15 MAX. とする。
MISALIGNMENT OF SOLDER TAILS FROM [F] UPPER DIRECTION: 0.05 MAX., LOWER DIRECTION: 0.15 MAX.
- ④ 偶数極に適用。
APPLY FOR EVEN CIRCUIT.
- 本製品は 52610-**57 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52610-**57

36.6	34.85	31.2	29	52610-3059	30
35.6	33.85	30.2	28	-2959	29
34.6	32.85	29.2	27	-2859	28
33.6	31.85	28.2	26	-2759	27
32.6	30.85	27.2	25	-2659	26
31.6	29.85	26.2	24	-2559	25
30.6	28.85	25.2	23	-2459	24
29.6	27.85	24.2	22	-2359	23
28.6	26.85	23.2	21	-2259	22
27.6	25.85	22.2	20	-2159	21
26.6	24.85	21.2	19	-2059	20
25.6	23.85	20.2	18	-1959	19
24.6	22.85	19.2	17	-1859	18
23.6	21.85	18.2	16	-1759	17
22.6	20.85	17.2	15	-1659	16
21.6	19.85	16.2	14	-1559	15
20.6	18.85	15.2	13	-1459	14
19.6	17.85	14.2	12	-1359	13
18.6	16.85	13.2	11	-1259	12
17.6	15.85	12.2	10	-1159	11
16.6	14.85	11.2	9	-1059	10
15.6	13.85	10.2	8	-0959	9
14.6	12.85	9.2	7	-0859	8
13.6	11.85	8.2	6	-0759	7
12.6	10.85	7.2	5	52610-0659	6
D	(C)	B	(A)	MATERIAL. NO.	CKT.

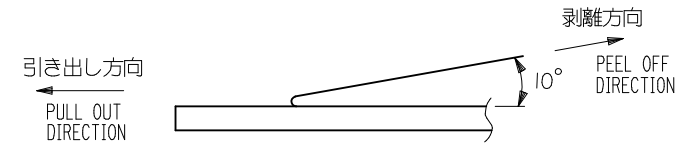
REVISED EC NO: J2006-0190 DRW:HYAJIMA 2005/07/27 CHKDN:UKITA 2005/07/27 APPR:NUKITA 2005/08/02 REV A	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	10 UNDER	± 0.2	DRAWN BY H. SHIMABUKUR	DATE '04/3/17	TITLE 1.0 FPC CONN ZIF FOR SMT (ST)WITH TAPE -LEAD FREE- MOLEX INCORPORATED			
	10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE '04/3/17				
	30 OVER	± 0.3	APPROVED BY M. SASAO	DATE '04/3/17	MATERIAL NO. ENTER PART SD-52610-034 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	ANGULAR	± 3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					

NOTES

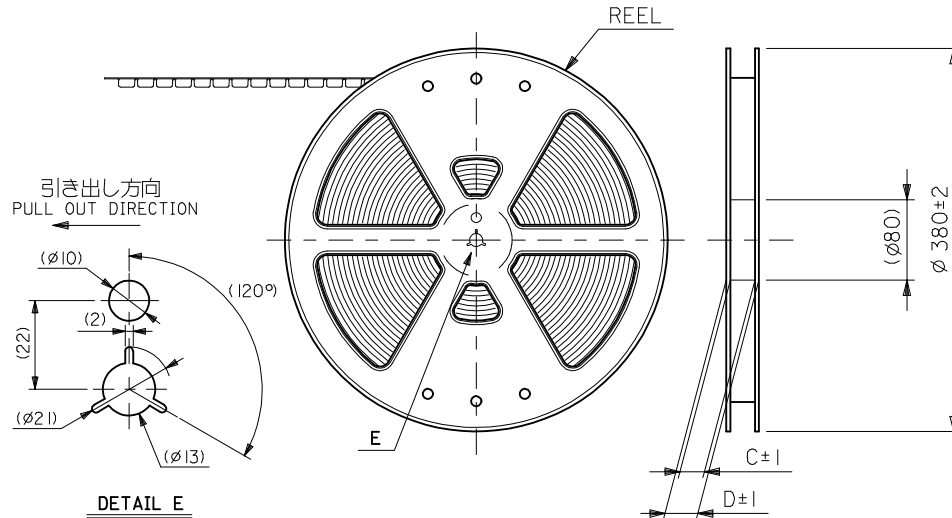
- 梱包数量：1000個/リール
NUMBER OF CONNECTORS：1000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- トップテープの剥離強度：0.1N ～ 1.3N(10gf ～ 130gf)
(剥離方向は下図参照)
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こと。)
PEELING OFF FORCE OF TOP TAPE：0.1N ～ 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.

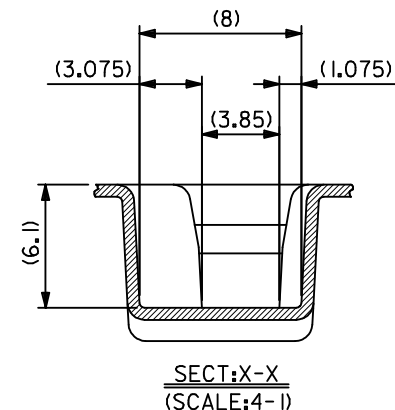
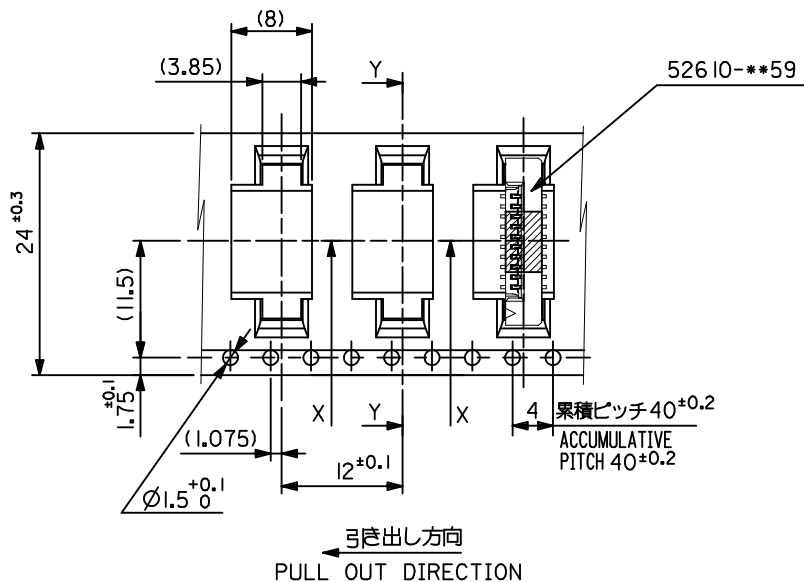
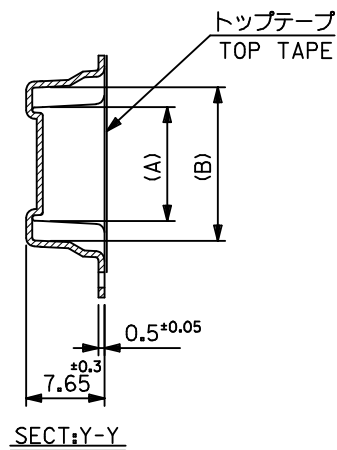


- 52610-**-59のアクチュエータはハウジング内に押し下げた状態とする。
詳細寸法については 製品単体図面を参照下さい。
ACTUATOR OF PART NO. 52610-**-59 SHOULD BE LOCKED.
FOR DETAIL OF CONNECTOR DIMENSIONS, PLEASE SEE THE DRAWING OF ITSELF.
- 材料 (MATERIAL)
キャリアテープ (CARRIER TAPE)：ポリプロピレン (POLYPROPYLENE)
トップテープ (TOPTAPE)：PET, PE, PEF
リール (REEL)：ポリスチレン (PS) <リサイクル材を含む>
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
- 本製品は 52610-**-94 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52610-**-94
- 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.



52610-**-75 MODEL NO.

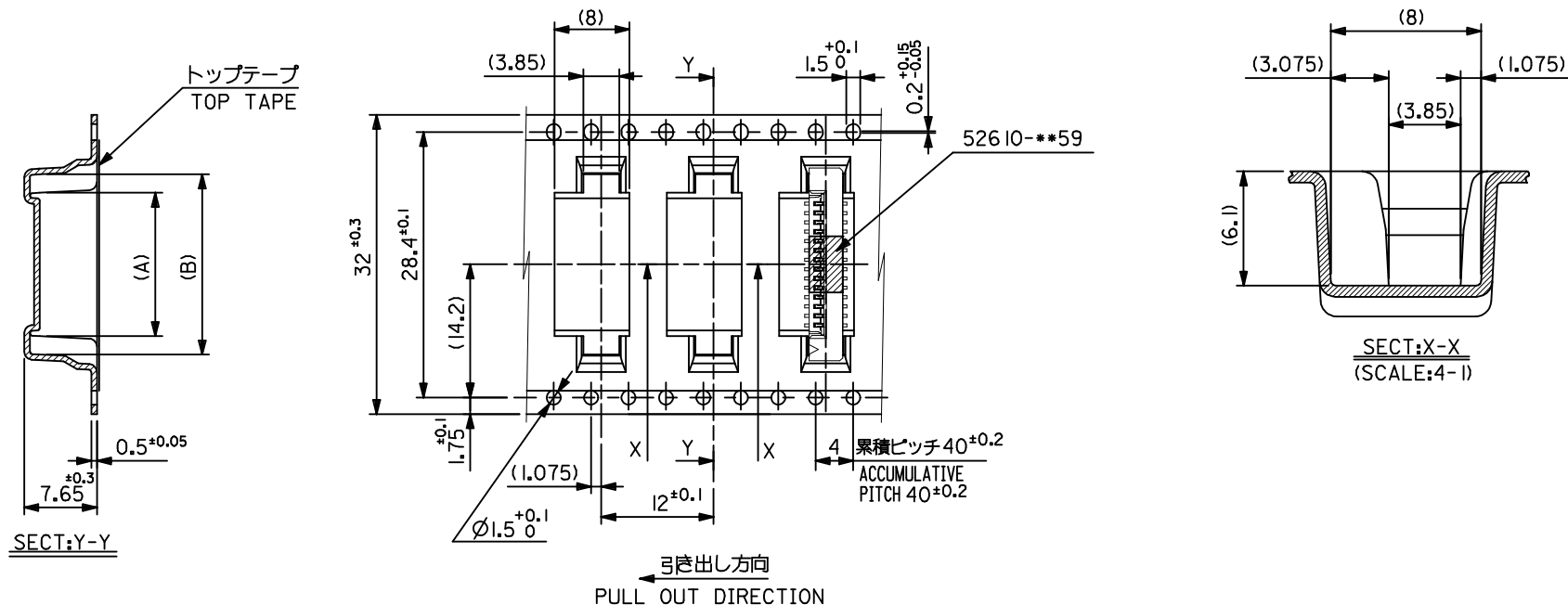
REVISED EC NO.: J2009-2061 DRWN.: I KON CHKD.: MATSUMOTO APPR.: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.3	DRAWN BY H. SHIMABUKUR	DATE 2004/03/17	TITLE 1.0 FPC CONN SMT ZIF WITH TAPE EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY K. TOJO	DATE 2004/03/17					
		30 OVER	±0.2	APPROVED BY M. SASAO	DATE 2004/03/17	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52610-035		1 OF 5		
A	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



52610-***75
MODEL. NO.

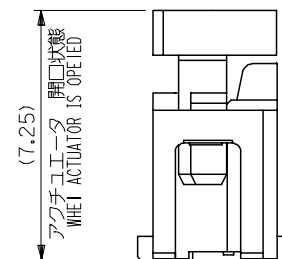
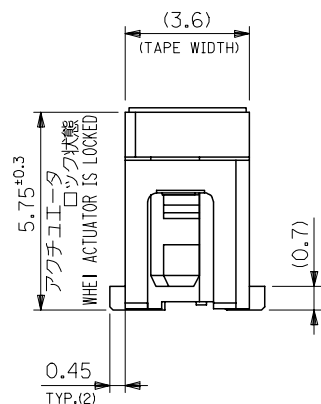
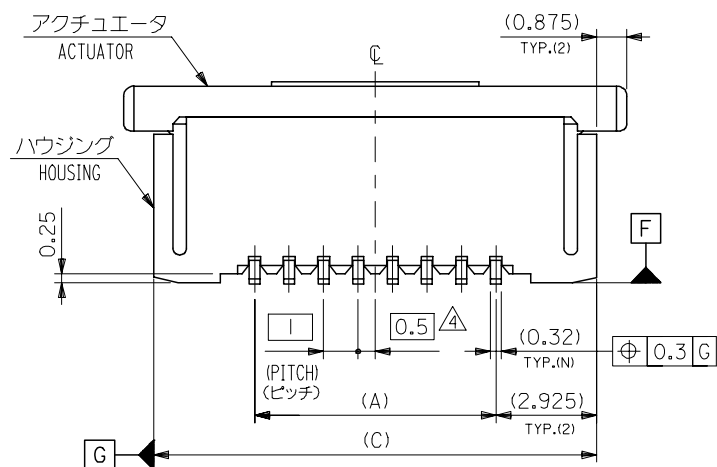
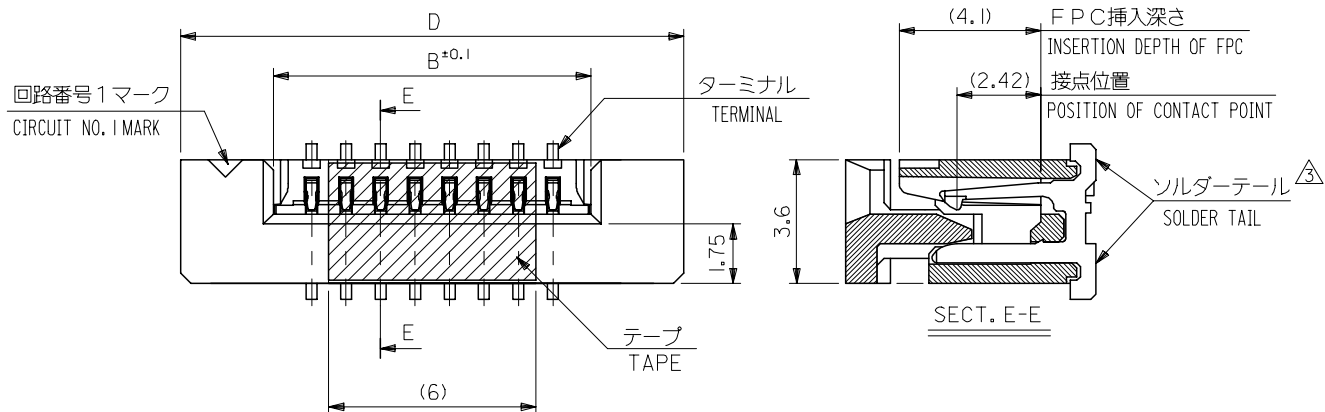
24	29.4	25.4	15.25	11.32	52610-1075	10
			14.25	10.32	52610-0975	9
			13.25	9.32	52610-0875	8
			12.25	8.32	52610-0775	7
			11.25	7.32	52610-0675	6
			(B)	(A)	MATERIAL. NO.	極数 CKT.

REVISED EC NO: J2009-2061 DRWN:TKON CHKD:HMATSUMOTO APPR:NUKITA	2009/05/20 2009/05/21 2009/05/21	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
			10 UNDER	± 0.3	DRAWN BY H. SHIMABUKUR	DATE 2004/03/17	TITLE 1.0 FPC CONN SMT ZIF WITH TAPE EMBSTP PKG -LEAD FREE-						
			10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE 2004/03/17							
			30 OVER	± 0.2	APPROVED BY M. SASAO	DATE 2004/03/17	MOLEX MOLEX INCORPORATED						
			ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.					SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52610-035					2 OF 5	
			A		A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

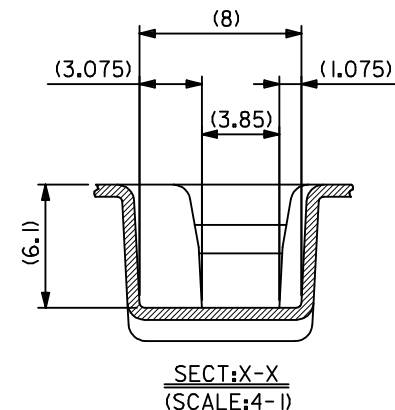
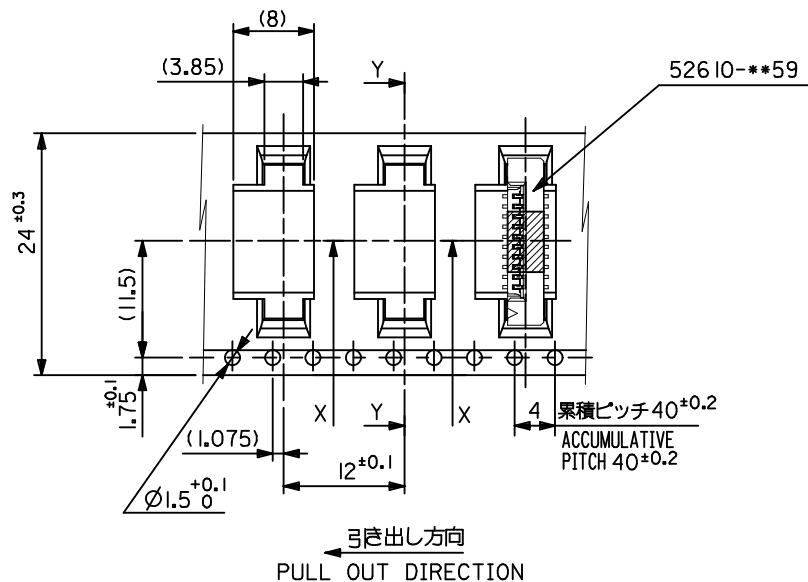
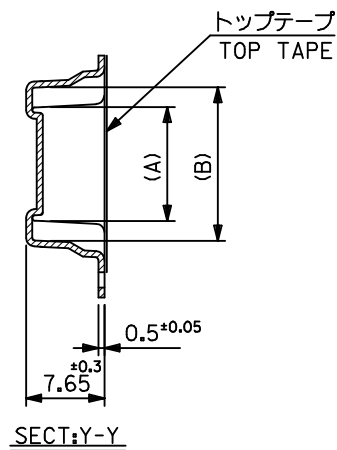


REVISED	EC NO. J2009-2061	DRWN:TKON	CHKD:HMATSUMOTO	APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		1.0 FPC CONN SMT ZIF WITH TAPE EMBSTP PKG -LEAD FREE-				MOLEX MOLEX INCORPORATED	DOCUMENT NO. SD-52610-035	SHEET NO. 3 OF 5
						10 UNDER	±0.3	DRAWN BY	DATE	TITLE										
						10 OVER 30 UNDER	±0.25	CHECKED BY	DATE											
						30 OVER	±0.2	APPROVED BY	DATE											
A	REV					ANGULAR	±3 °	MATERIAL NO.		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE A3														

10 9 8 7 6 5 4 3 2 1



REVISED EC NO: J2006-0190 DRAWN:YAJI MA CHKD:N. UKITA 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 '04/3/17	TITLE 1.0 FPC CONN ZIF FOR SMT (ST)WITH TAPE -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE '04/3/17					
		30 OVER	± 0.3	APPROVED BY M. SASAO	DATE '04/3/17	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ENTER PART		SD-52610-034		1 OF 2			
A	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

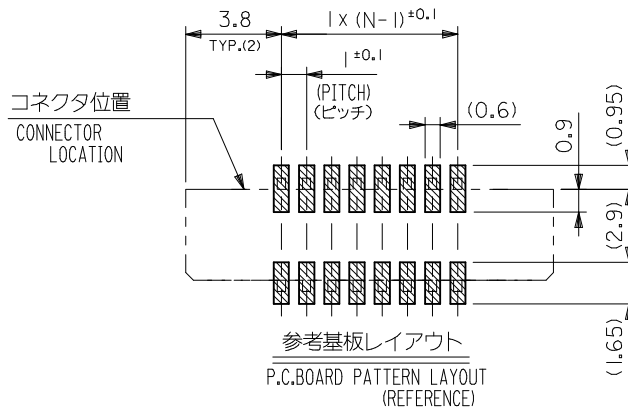
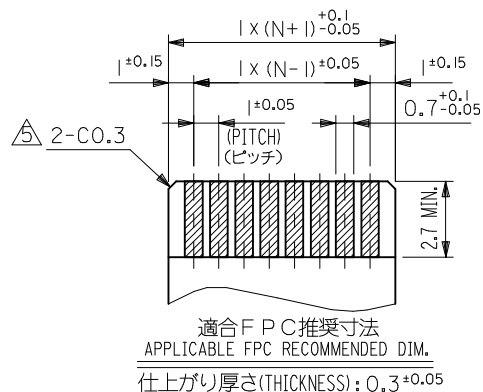


52610-***75
MODEL. NO.

24	29.4	25.4	15.25	11.32	52610-1075	10
			14.25	10.32	52610-0975	9
			13.25	9.32	52610-0875	8
			12.25	8.32	52610-0775	7
			11.25	7.32	52610-0675	6
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL. NO.	極数 CKT.

REVISED EC NO: J2009-2061 DRWN:TKON CHKD:HMATSUMOTO APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		10 UNDER	± 0.3	DRAWN BY H. SHIMABUKUR	DATE 2004/03/17	TITLE 1.0 FPC CONN SMT ZIF WITH TAPE EMBSTP PKG -LEAD FREE-					
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE 2004/03/17						
		30 OVER	± 0.2	APPROVED BY M. SASAO	DATE 2004/03/17	MOLEX MOLEX INCORPORATED					
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52610-035					
	REV A				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



注記 (NOTES):

1. 材質 MATERIAL

ハウジング : 46ナイロン, ナチュラル (白色), ガラス充填, UL94V-0
HOUSING : 46NYLON, NATURAL (WHITE), GLASS FILLED, UL94V-0
アクチュエータ : PPS, ナチュラル (茶色), ガラス充填, UL94V-0
ACTUATOR : PPS, NATURAL (BROWN), GLASS FILLED, UL94V-0
ターミナル : リン青銅 (t=0.32)
TERMINAL : PHOSPHOR BRONZE (t=0.32)

2. めっき仕様 PLATING

ターミナル TERMINAL
錫銀ビスマスめっき (1.0 μm以上)
TIN SILVER BISMUTH PLATING (1.0 MICROMETER MINIMUM)
下地 : ニッケルめっき (1.0 μm以上)
UNDER PLATING : NICKEL PLATING (1.0 MICROMETER MINIMUM)

3. ソルダータール半田付け面のズレ量は、基準面 F に対し上方向0.05MAX.、
下方向0.15MAX.とする。
MISALIGNMENT OF SOLDER TAILS FROM F UPPER DIRECTION : 0.05 MAX.
LOWER DIRECTION : 0.15 MAX.

4. 偶数極に適用
APPLY FOR EVEN CIRCUIT.

5. R0.3はFPCの導体部にかからないこと。
R0.3 MUST NOT BE OVERLAPED TO PATTERN OF FPC.

6. 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.52610-**23
SHOULD BE LOCKED.

7. ELV及びRoHS適合品
ELV AND RoHS COMPLIANT

36.6	34.85	31.2	29	52610-30 34	30
34.6	32.85	29.2	27	4 -28 34	28
32.6	30.85	27.2	25	-26 34	26
31.6	29.85	26.2	24	-25 34	25
30.6	28.85	25.2	23	-24 34	24
29.6	27.85	24.2	22	-23 34	23
28.6	26.85	23.2	21	-22 34	22
27.6	25.85	22.2	20	-21 34	21
26.6	24.85	21.2	19	-20 34	20
25.6	23.85	20.2	18	-19 34	19
24.6	22.85	19.2	17	-18 34	18
22.6	20.85	17.2	15	-16 34	16
21.6	19.85	16.2	14	-15 34	15
20.6	18.85	15.2	13	-14 34	14
19.6	17.85	14.2	12	-13 34	13
18.6	16.85	13.2	11	-12 34	12
16.6	14.85	11.2	9	-10 34	10
15.6	13.85	10.2	8	-09 34	9
14.6	12.85	9.2	7	-08 34	8
13.6	11.85	8.2	6	-07 34	7
12.6	10.85	7.2	5	52610-06 34	6
D	(C)	B	(A)	EMBOSSED PACKAGE ORDER No. オーダー番号	極数 CKT.

CONNECTOR SERIES NO. : 52610-**23

SEE SHEET 1 OF 2 EC NO: J2013-1003 DRW: AISHII 2013/02/20 CHKD: KAKAHASHI 2013/02/20 APPR: KMORIKAWA 2013/03/15 REV 0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY AISHII	DATE 2013/02/20	TITLE 1.0 FPC CONN ZIF S/T HOUSING ASSY			
		10 OVER 30 UNDER	± 0.25	CHECKED BY KAKAHASHI	DATE 2013/02/20				
		30 OVER	± 0.3	APPROVED BY KMORIKAWA	DATE 2013/03/15				
		ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52610-050			2 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

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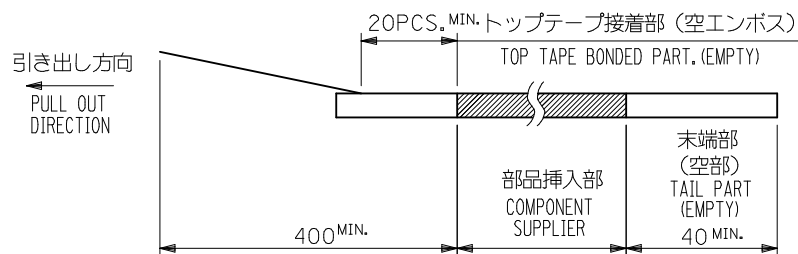
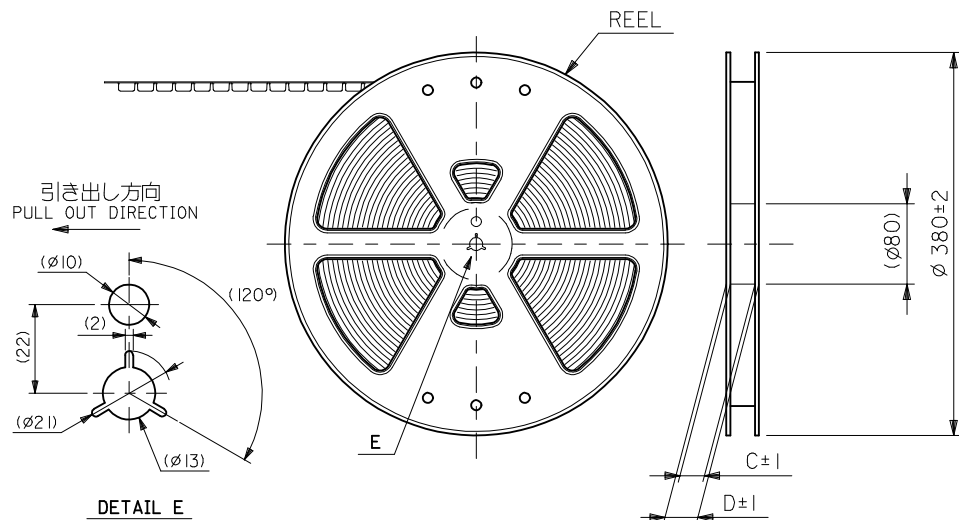
1

NOTES

1. 52610-**-23のアクチュエータはハウジング内に押し下げた状態とする。
詳細寸法については図面SD-52610-050をご参照ください。
ACTUATOR OF PART NO. 52610-**-23 SHULD BE LOCKED.
RE DETAILED DIMENSIONS, SEE SD-52610-050

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. カバーテープの剥離強度については、IEC60286-3に準拠
COVER TAPE PEEL FORCE IS DEFINED BY IEC60286-3.

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

6. ELV及びRoHS適合品
ELV AND RoHS COMPLIANT

RELEASED EC NO.: J2013-1003 2013/02/20 DRWN: AISHII CHKD: TAKAHASHI APPR: KMORIKAWA 2013/03/15	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.3	AISHII	2013/02/20	TITLE EMBOSS TAPE PACKAGED FOR 1.0 FPC CONN ZIF S/T HOUSING ASSY				
		10 OVER 30 UNDER	± 0.25	TAKAHASHI	2013/02/20					
		30 OVER	± 0.2	KMORIKAWA	2013/03/15	DOCUMENT NO. molex SD-52610-051				
		ANGULAR ±3 °		MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SHEET NO. 1 OF 5				
	REV 0			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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