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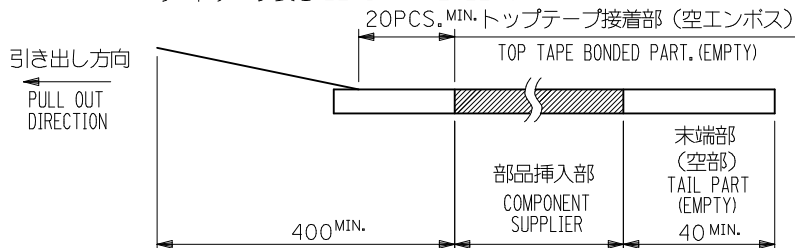
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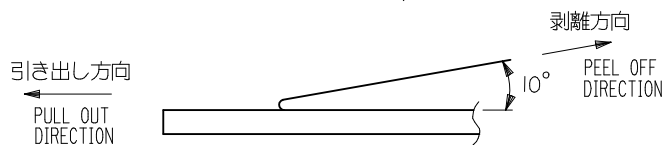
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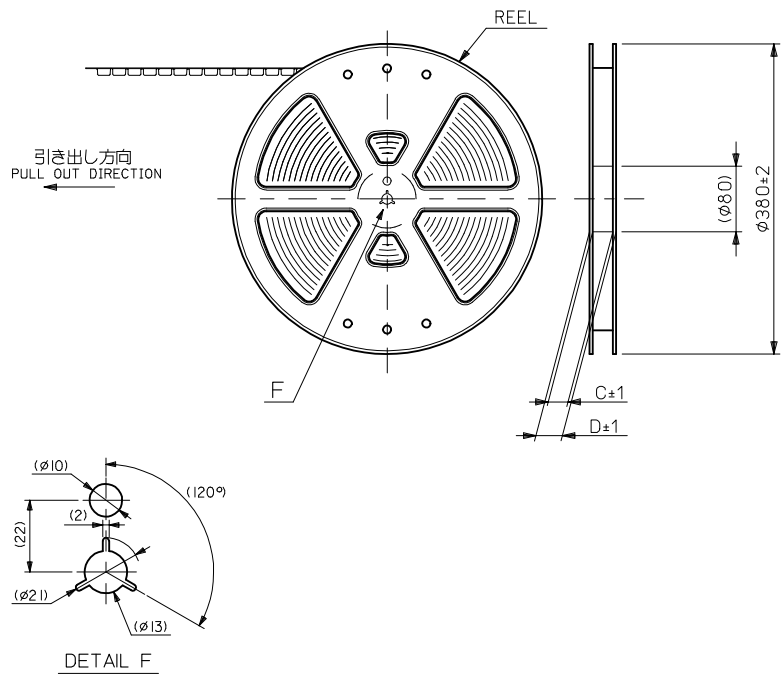
1. 梱包数量：1000個/リール
NUMBER OF CONNECTORS : 1000PCS/REEL
2. リードテープ長さ LEAD TAPE LENGTH



3. トップテープの剥離強度：0.1~1.3N (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 : 0.1~1.3N (10gf~130gf)
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.



4. 52610-**-16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-**-16 SHULD BE LOCKED.
RE DETAILED DIMENSIONS , SEE SALES DRAWING FOR CONNECTOR.
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. 本製品は 52610-**-90 の鉛フリー品です
7. 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.



REVISED EC NO: J2009-2061 2009/05/20 DRWN:TKN CHKD:HMATSUMOTO 2009/05/21 APPR:NUKITA 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 T. UENO	DATE '03/12/12	TITLE 1.0 FPC CONN SMT ZIF EMBSTP PKG -LEAD FREE-			
		10 OVER 30 UNDER	±0.25	CHECKED BY M. SASAO	DATE '03/12/12				
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE '03/12/12				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52610-038		1 OF 5	
C	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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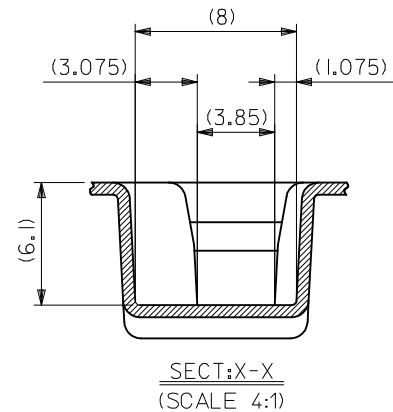
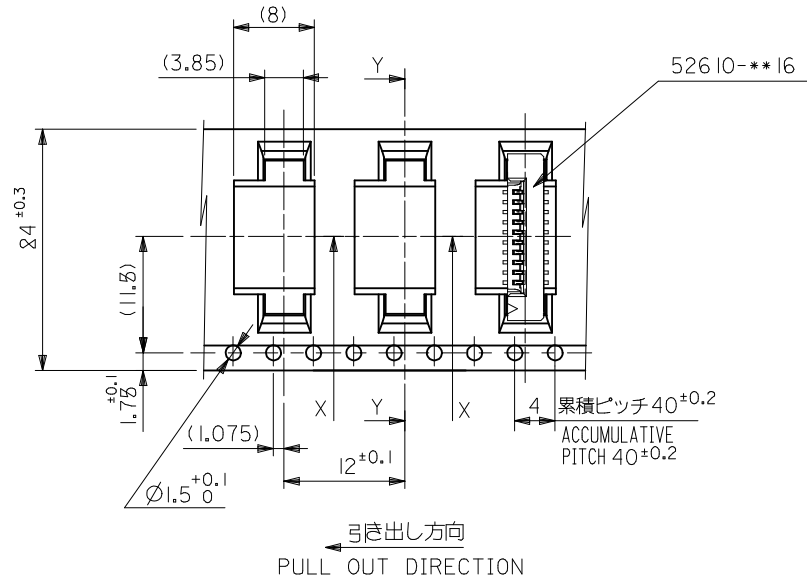
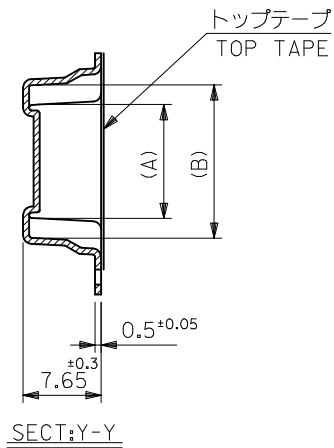
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EN-02JA(021)



24	29.4	25.4	15.25	11.32	52610-1071	10
			14.25	10.32	52610-0971	9
			13.25	9.32	52610-0871	8
			12.25	8.32	52610-0771	7
			11.25	7.32	52610-0671	6
			10.25	6.32	52610-0571	5
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CKT.
				52610-**71	MODEL NO.	

REVISED EC NO: J2009-2061 DRWN:TKON 2009/05/20 CHKD:HMATSUMOTO 2009/05/21 APPR:NUKITA 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 T.UENO	DATE '03/12/12	TITLE 1.0 FPC CONN SMT ZIF EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY M.SASAO	DATE '03/12/12					
		30 OVER	± 0.3	APPROVED BY M.SASAO	DATE '03/12/12	MOLEX INCORPORATED				
		ANGULAR ±3 °	MATERIAL NO.							
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52610-038				2 OF 5	
	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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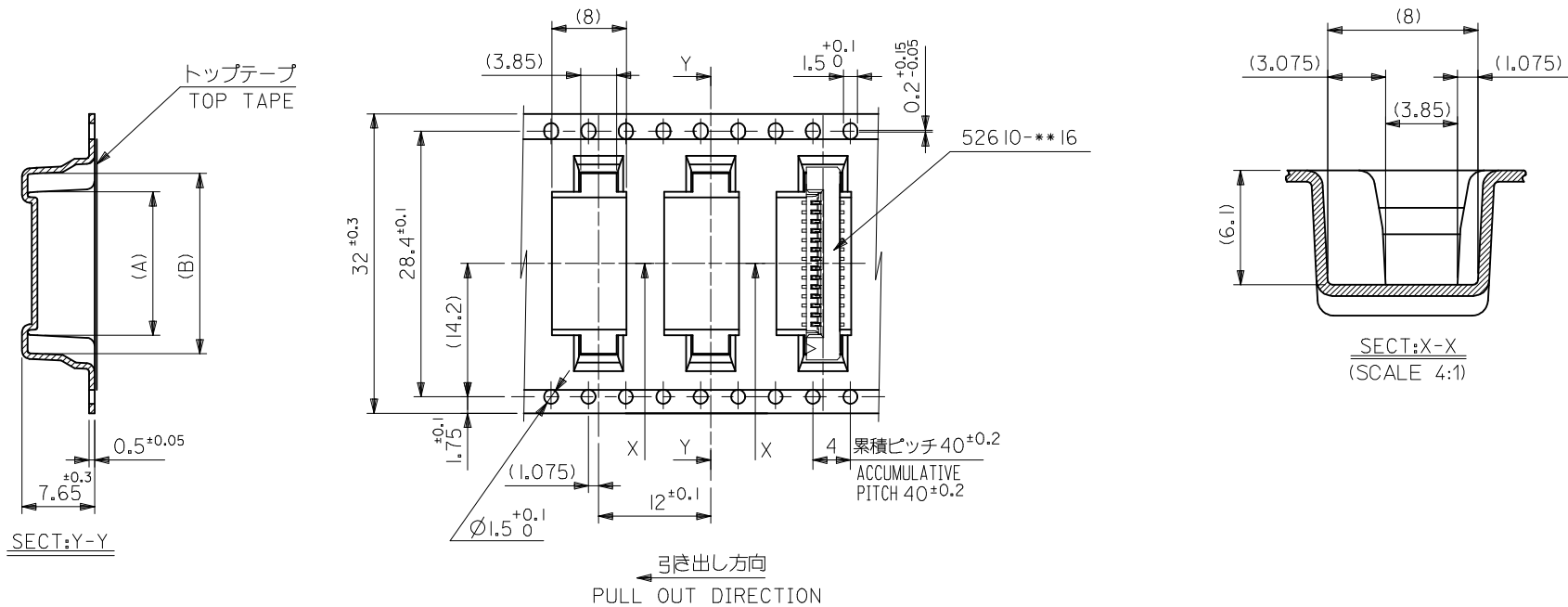
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32	37.4	33.4	20.25	16.32	52610-1571	15
			19.25	15.32	52610-1471	14
			18.25	14.32	52610-1371	13
			17.25	13.32	52610-1271	12
			16.25	12.32	52610-1171	11
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CKT.
				52610-**71	MODEL NO.	

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	± 0.2	DRAWN BY T.UENO	DATE '03/12/12	TITLE 1.0 FPC CONN SMT ZIF EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY M.SASAO	DATE '03/12/12					
		30 OVER	± 0.3	APPROVED BY M.SASAO	DATE '03/12/12	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52610-038		3 OF 5		
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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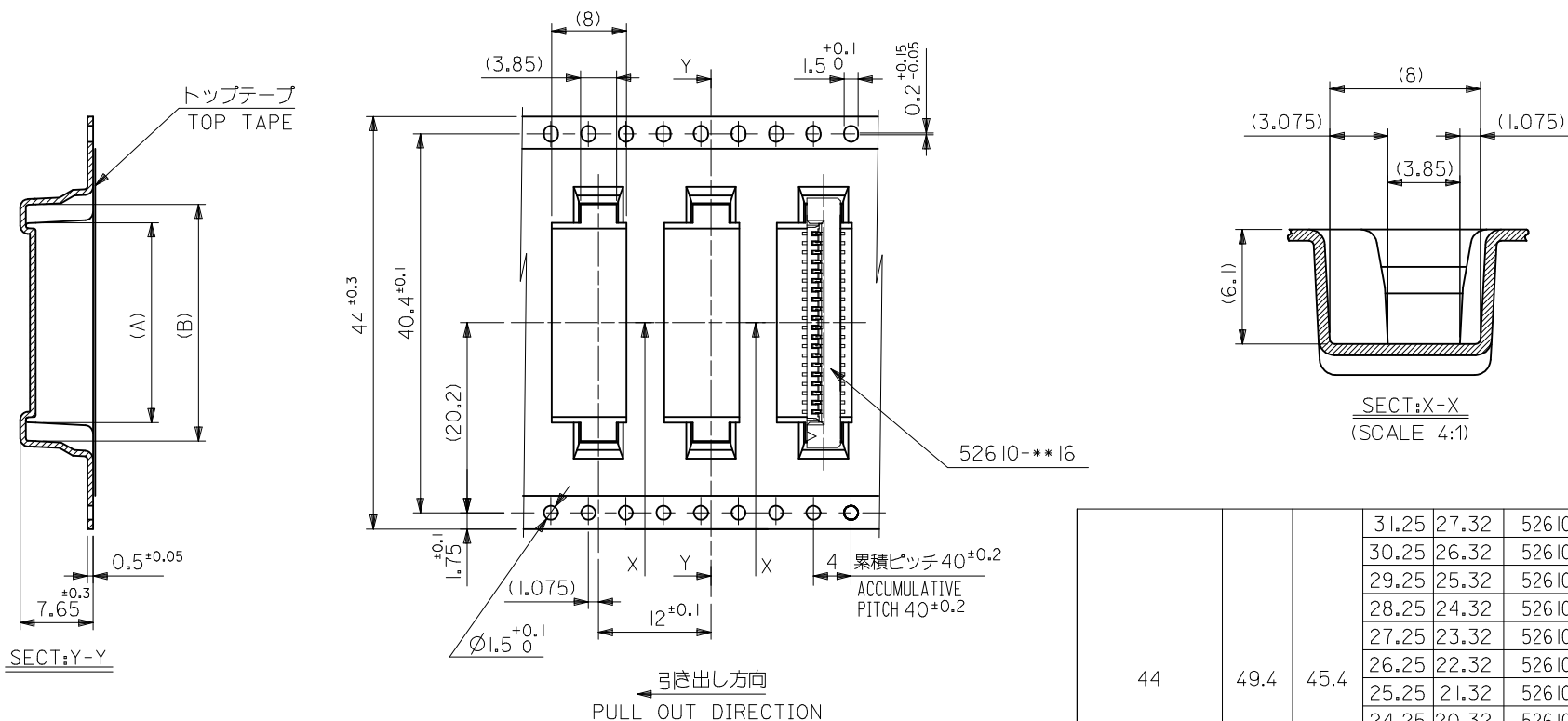
E

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44	49.4	45.4	31.25	27.32	52610-2671	26
			30.25	26.32	52610-2571	25
			29.25	25.32	52610-2471	24
			28.25	24.32	52610-2371	23
			27.25	23.32	52610-2271	22
			26.25	22.32	52610-2171	21
			25.25	21.32	52610-2071	20
			24.25	20.32	52610-1971	19
			23.25	19.32	52610-1871	18
			22.25	18.32	52610-1771	17
			21.25	17.32	52610-1671	16
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CKT.
				52610-**-71	MODEL NO.	

REVISED EC NO: J2009-2061 DRWN:TKN 2009/05/20 CHKD:HMATSUMOTO 2009/05/21 APPR:NUKITA 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 T.UENO	DATE '03/12/12	TITLE 1.0 FPC CONN SMT ZIF EMBSTP PKG -LEAD FREE-			
		10 OVER 30 UNDER	± 0.25	CHECKED BY M.SASAO	DATE '03/12/12				
		30 OVER	± 0.3	APPROVED BY M.SASAO	DATE '03/12/12	MOLEX INCORPORATED			
		ANGULAR	± 3 °	MATERIAL NO.					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52610-038		4 OF 5		
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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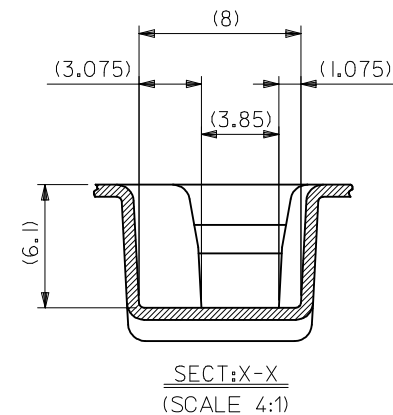
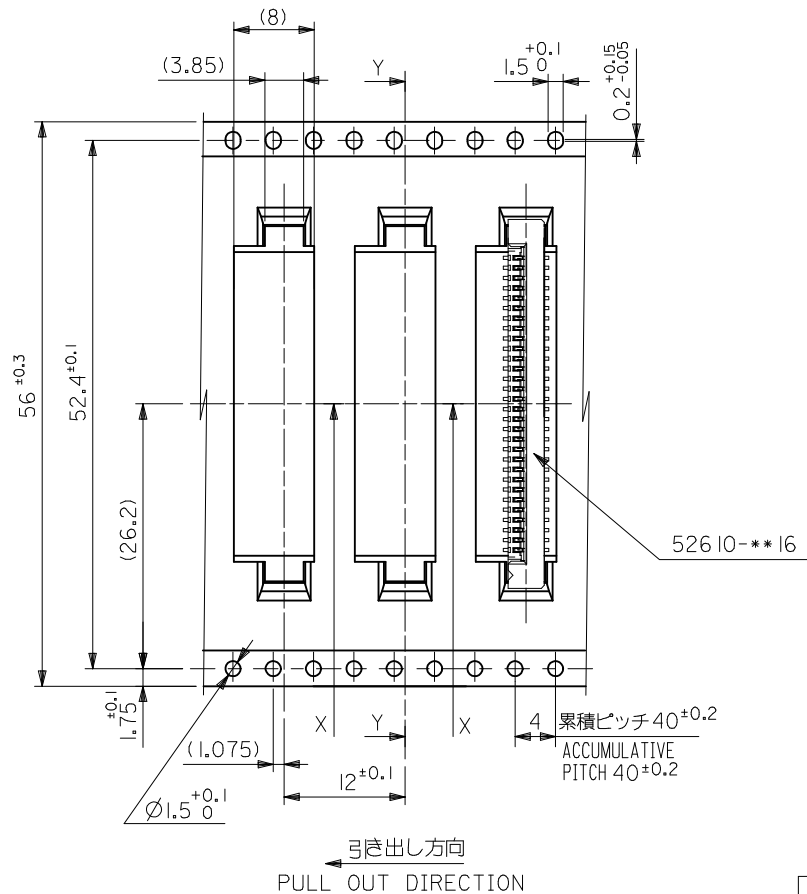
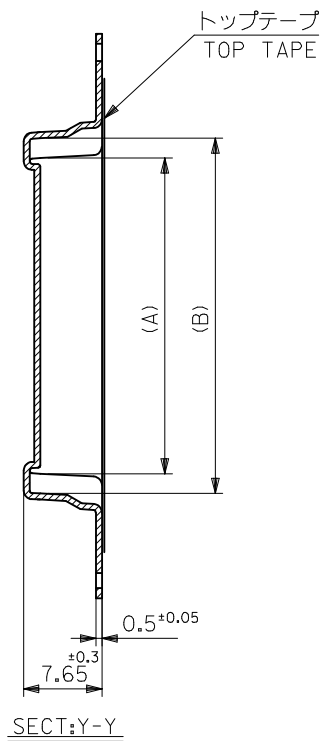
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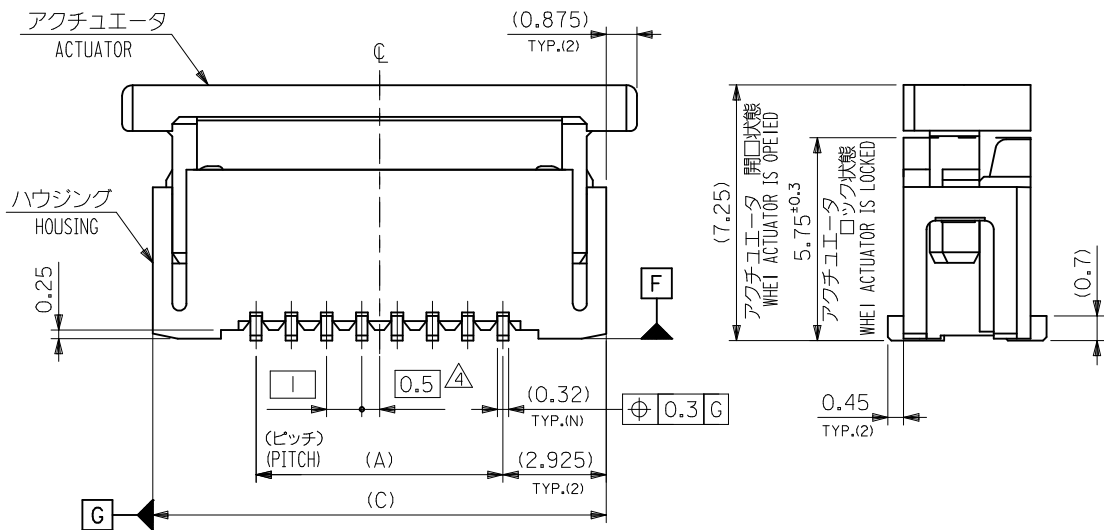
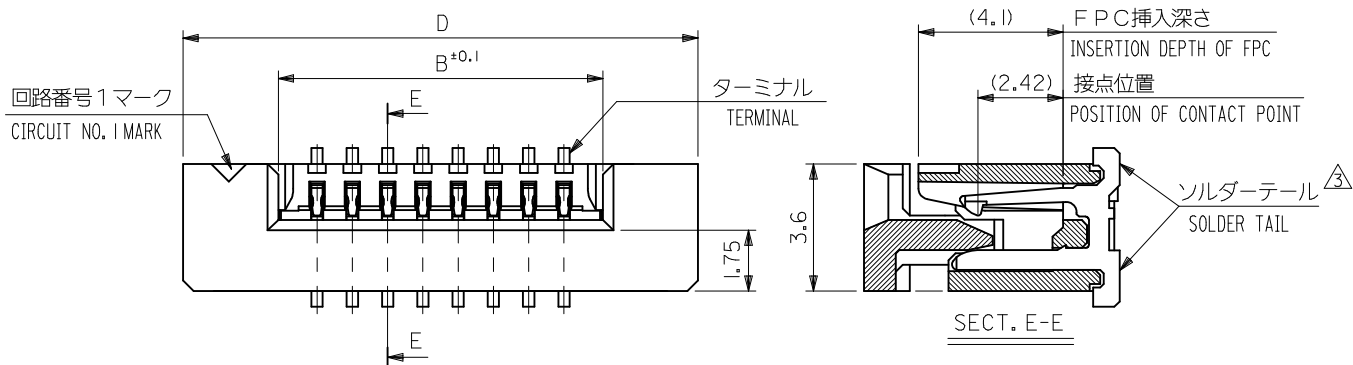
2



56	61.4	57.4	35.25	31.32	52610-3071	30
			33.25	29.32	52610-2871	28
キャリアテープ幅 CARRIER TAPE WIDTH			D	C	(B)	(A)
			MATERIAL NO.		積数 CKT.	
			52610-**-71		MODEL NO.	

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	± 0.2	DRAWN BY T. UENO	DATE '03/12/12	TITLE 1.0 FPC CONN SMT ZIF EMBSTP PKG -LEAD FREE-			
		10 OVER 30 UNDER	± 0.25	CHECKED BY M. SASAO	DATE '03/12/12				
		30 OVER	± 0.3	APPROVED BY M. SASAO	DATE '03/12/12	 MOLEX INCORPORATED			
		ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52610-038			5 OF 5	
	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

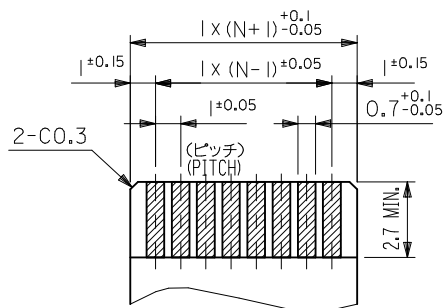
10 9 8 7 6 5 4 3 2 1



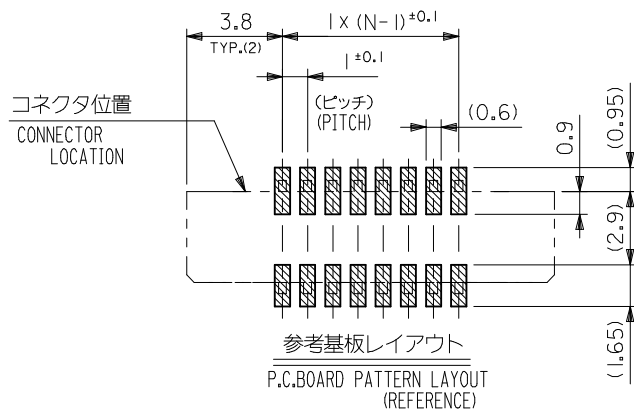
注記 (NOTES) :

- 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 (t=0.32)
PHOS-BRO
錫 (3%±1%) ビスマスメッキ 1. 0マイクロメートル以上
TIN (3%±1%) 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
- 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-**16 SHOULD BE LOCKED.
- ソルダーテ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.
- 偶数極に適用。
APPLY FOR EVEN CIRCUIT.
- 本製品は 52610-**17 の鉛フリー品です

REVISED EC NO: J2013-0406 DRWN:TMORISHITA 2012/10/05 CHKD:KTAHASHI 2012/10/05 APPR:KMORIKAWA 2012/10/05	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	MODEL NO. DESIGN UNITS METRIC	52610-***16  THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY TUENO	DATE '03/12/12	TITLE 1.0 FPC CONNECTOR Z.I.F. FOR SMT.(ST.) -LEAD FREE- molex	DOCUMENT NO. SD-52610-041		SHEET NO. 1 OF 2
		10 OVER 30 UNDER	± 0.25	CHECKED BY MSASAO	DATE '03/12/12				
		30 OVER	± 0.3	APPROVED BY MSASAO	DATE '03/12/12				
		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					



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



参考基板レイアウト
P.C. BOARD PATTERN LAYOUT
(REFERENCE)

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 : THRMOSSETTING BONDING AGENT

36.6	34.85	31.2	29	52610-3016	30	
35.6	33.85	30.2	28	↗	-2916	29
34.6	32.85	29.2	27		-2816	28
33.6	31.85	28.2	26		-2716	27
32.6	30.85	27.2	25		-2616	26
31.6	29.85	26.2	24		-2516	25
30.6	28.85	25.2	23		-2416	24
29.6	27.85	24.2	22		-2316	23
28.6	26.85	23.2	21		-2216	22
27.6	25.85	22.2	20		-2116	21
26.6	24.85	21.2	19		-2016	20
25.6	23.85	20.2	18		-1916	19
24.6	22.85	19.2	17		-1816	18
23.6	21.85	18.2	16		-1716	17
22.6	20.85	17.2	15		-1616	16
21.6	19.85	16.2	14		-1516	15
20.6	18.85	15.2	13		-1416	14
19.6	17.85	14.2	12		-1316	13
18.6	16.85	13.2	11		-1216	12
17.6	15.85	12.2	10		-1116	11
16.6	14.85	11.2	9		-1016	10
15.6	13.85	10.2	8		-0916	9
14.6	12.85	9.2	7		-0816	8
13.6	11.85	8.2	6		-0716	7
12.6	10.85	7.2	5	↘	-0616	6
11.6	9.85	6.2	4		52610-0516	5
D	(C)	B	(A)	MODEL NO.	CKT.	

REVISED EC NO.: J2013-0406 DRWN: TMORISHITA 2012/10/05 CHKD: KTAHASHI 2012/10/05 APPR: KMORIKAWA 2012/10/05	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	± 0.2	DRAWN BY TUENO	DATE '03/12/12	TITLE 1.0 FPC CONNECTOR Z.I.F. FOR SMT. (ST.) -LEAD FREE-		
		10 OVER 30 UNDER	± 0.25	CHECKED BY MSASAO	DATE '03/12/12			
		30 OVER	± 0.3	APPROVED BY MSASAO	DATE '03/12/12			
		ANGULAR ±3 °		MATERIAL NO.				
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52610-041		
D			SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					