

10

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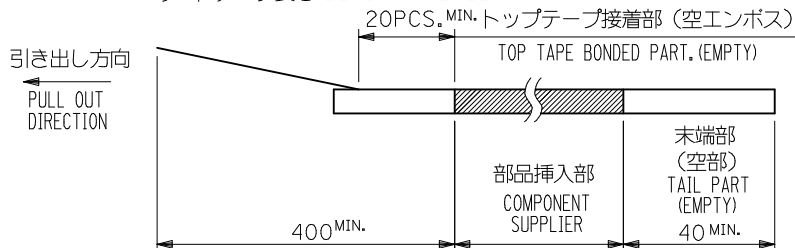
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2

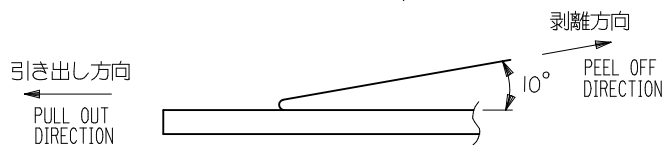
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NOTES

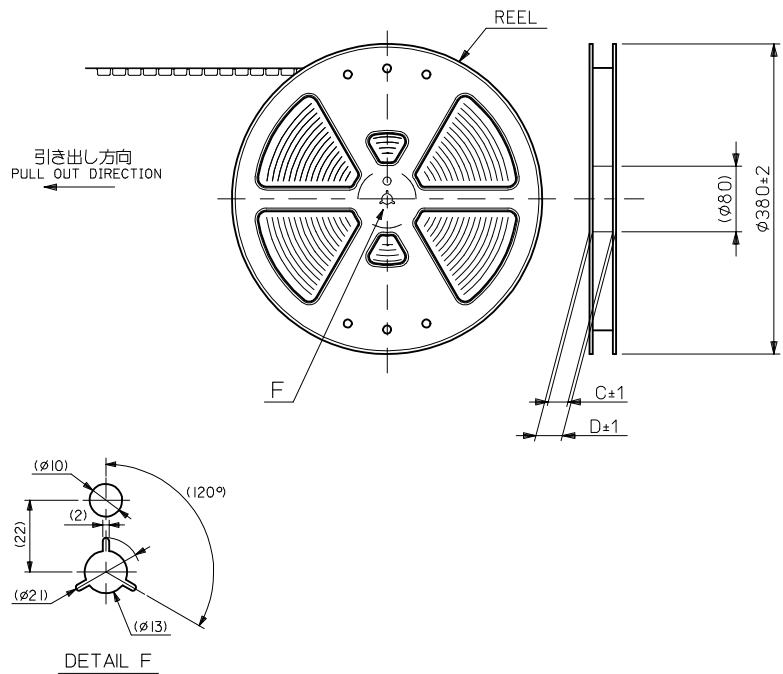
1. 梱包数量：1000個/リール
NUMBER OF CONNECTORS : 1000PCS/REEL
2. リードテープ長さ LEAD TAPE LENGTH



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 REV	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		1 OF 5	
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

9

8

7

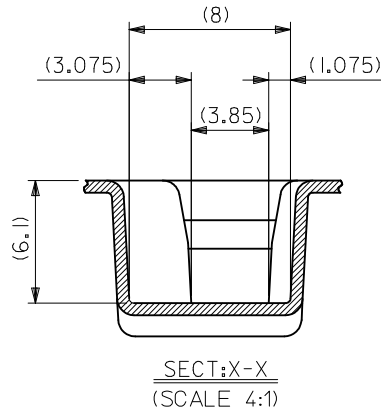
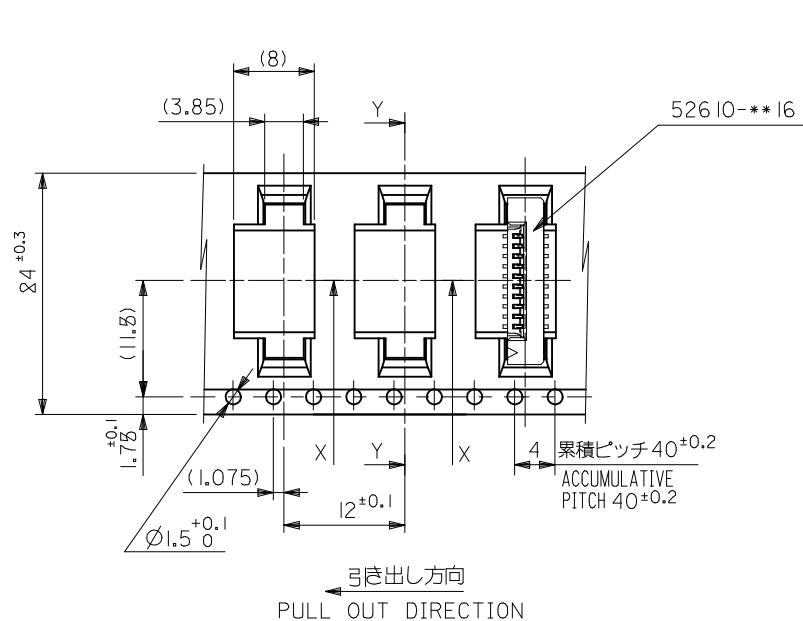
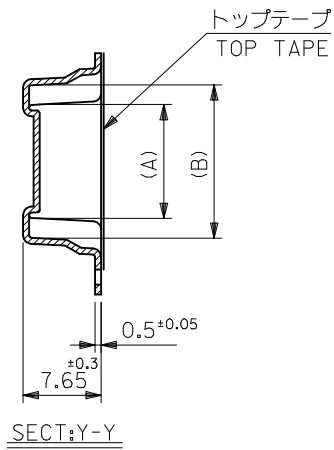
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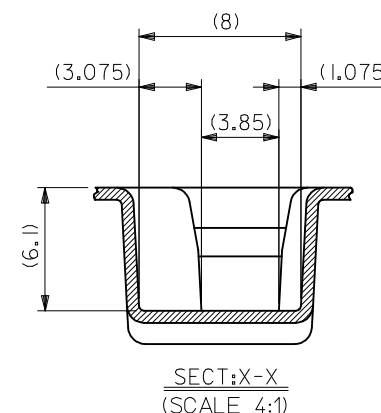
3

2



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:TKN CHKD:HMATSUMOTO APPR:NUKITA	DESCRIPTION REV	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		
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



REVISED	EC NO: J2009-2061 DRAWN:TKON CHKD:HWATSUNOTO 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 T. UENO	DATE '03/12/12	TITLE 1.0 FPC CONN SMT ZIF EMBSTP PKG -LEAD FREE-  MOLEX INCORPORATED					
				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	
				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

F

E

D

C

B

A

F

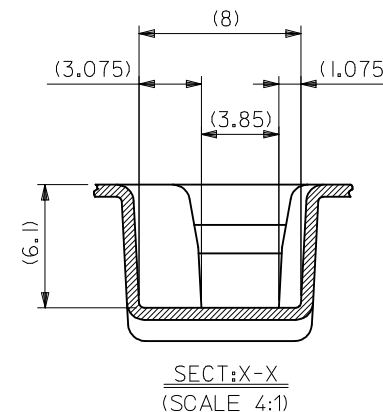
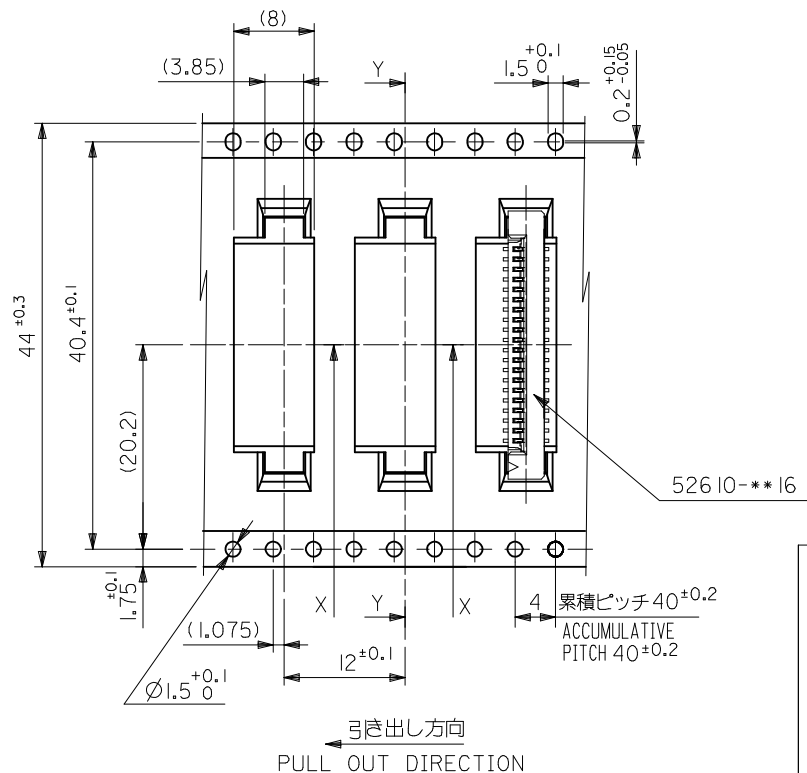
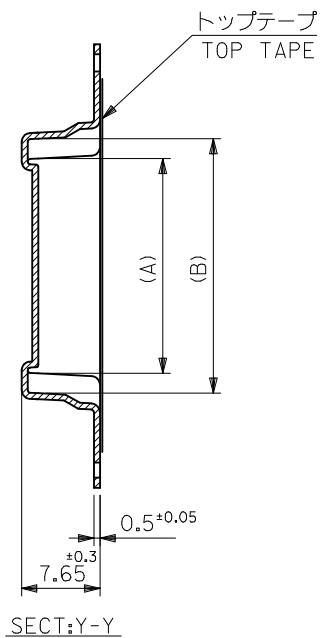
E

D

C

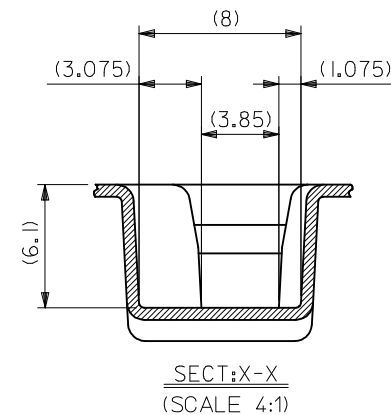
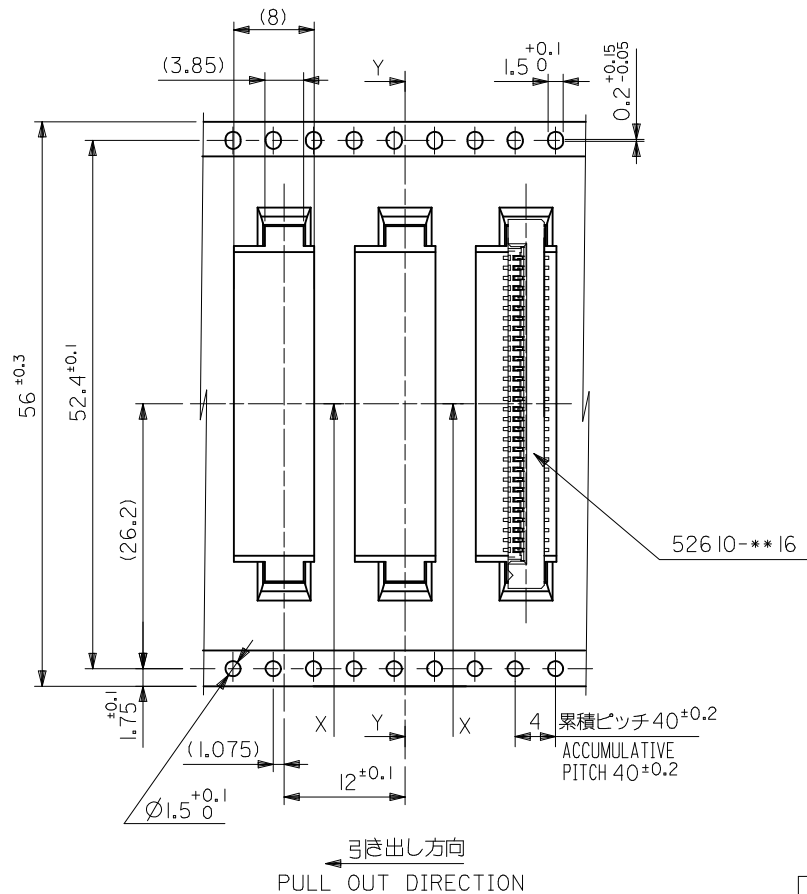
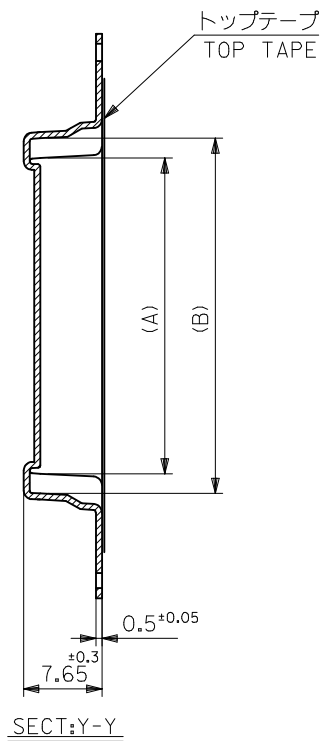
B

A



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
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	21.25	17.32	52610-1671	16
			(B)	(A)	MATERIAL NO.	極数 CKT.
				52610-**-71	MODEL NO.	

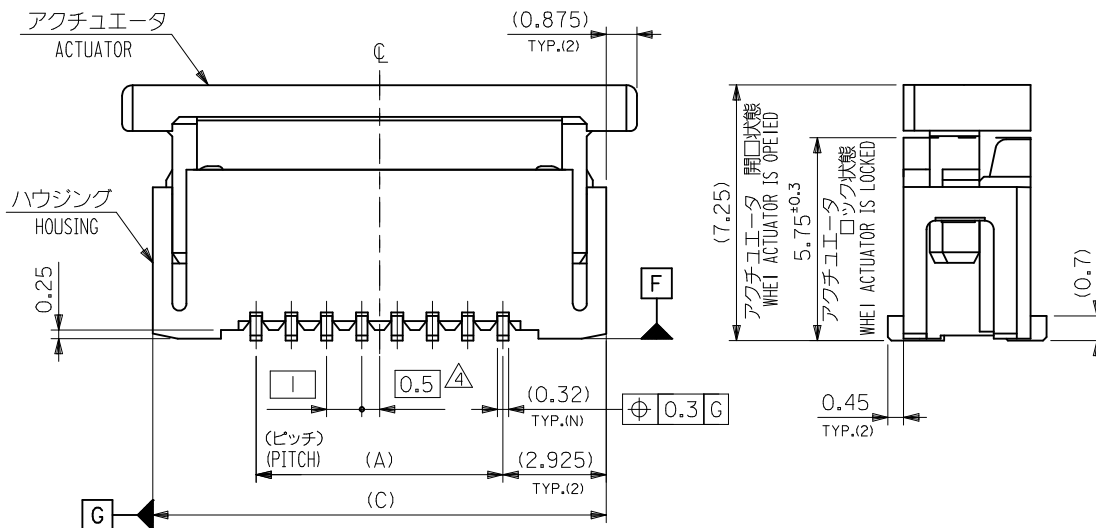
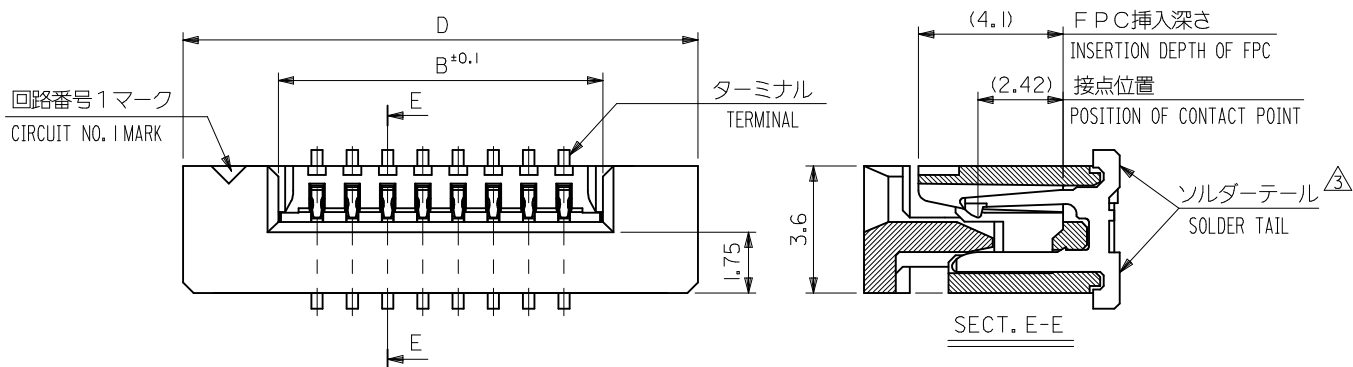
REVISED EC NO: J2009-2061 DRWN:TKON CHKD:HMATSUMOTO APPR:NUKITA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY T.UENO	DATE '03/12/12	TITLE 1.0 FPC CONN SMT ZIF EMBSTP PKG -LEAD FREE-				
		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.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52610-038		4 OF 5		
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



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.		SHEET 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) :

1. 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

2. 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.

△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。

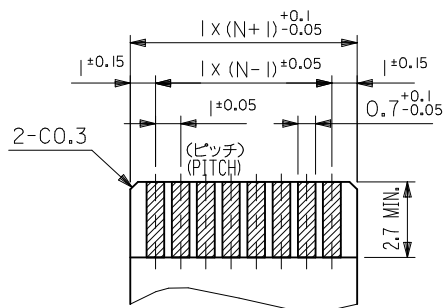
MISALIGNMENT OF SOLDER TAILS FROM [F] UPPER DIRECTION : 0.05 MAX. , LOWER DIRECTION : 0.15 MAX.

△4 偶数極に適用。
APPLY FOR EVEN CIRCUIT.

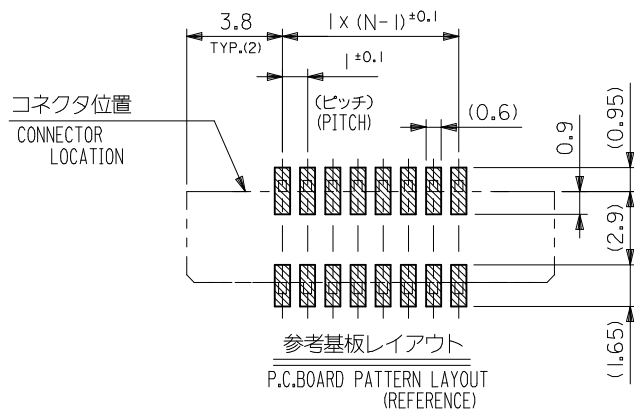
5. 本製品は 52610-**17 の鉛フリー品です

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 ---	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- molex				
		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.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52610-041		1 OF 2			
D	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

9 8 7 6 5 4 3 2



適合FPC推奨寸法
APPLICABLE FPC RECOMMENDED DIM.
仕上がり厚さ(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 : 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

REV

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

DIMENSION STYLE
MM ONLY

DRAWN BY TUENO

CHECKED BY MSASAO

APPROVED BY MSASAO

MATERIAL NO.

DATE '03/12/12

DATE '03/12/12

DATE '03/12/12

SEE CHART

SIZE A3

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

1.0 FPC CONNECTOR
Z.I.F. FOR SMT. (ST.)
-LEAD FREE-

molex

SD-52610-041

SHEET NO.
2 OF 2