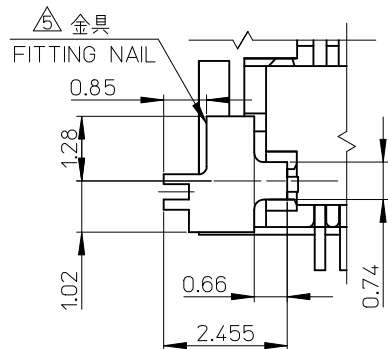
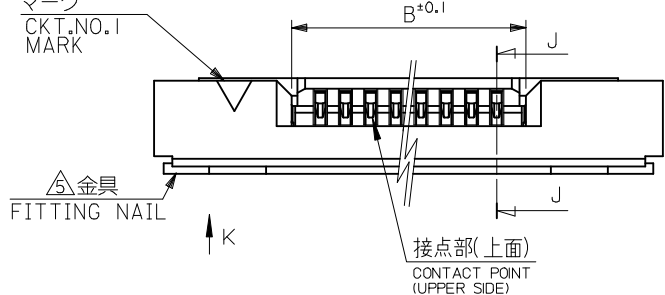
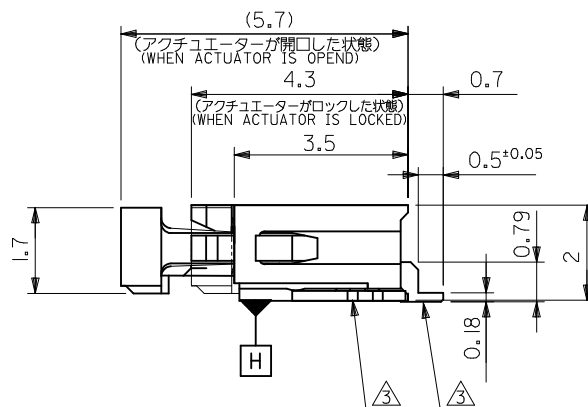
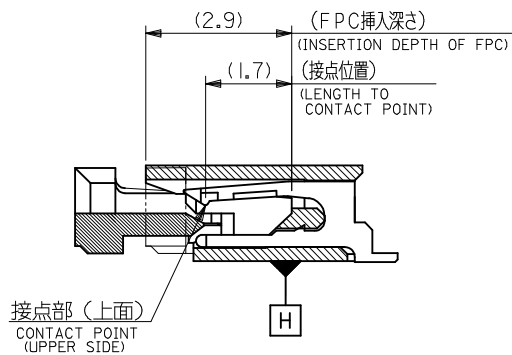
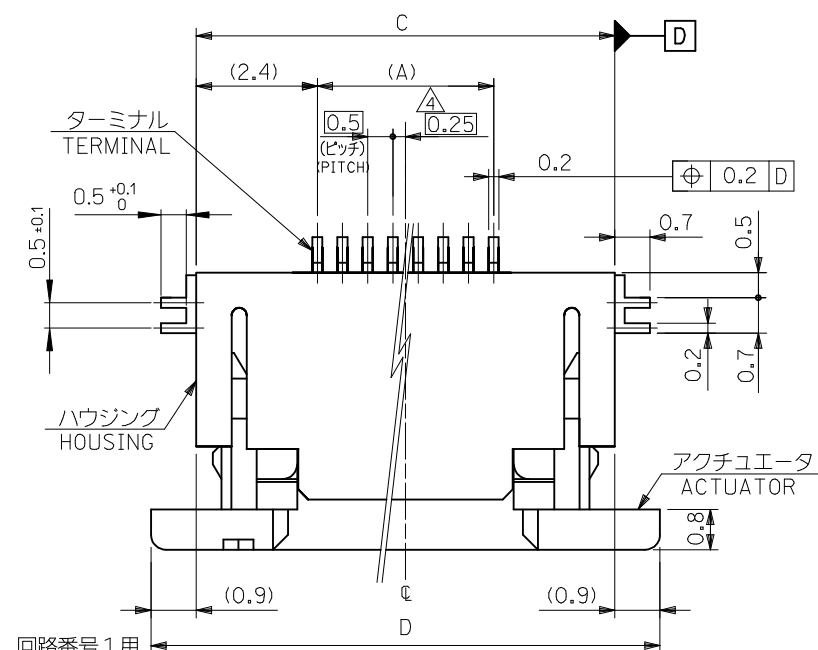




16.1	14.3	10.65	9.5	52745-2097	20
15.6	13.8	10.15	9	52745-1997	19
15.1	13.3	9.65	8.5	52745-1897	18
14.6	12.8	9.15	8	52745-1797	17
14.1	12.3	8.65	7.5	52745-1697	16
13.6	11.8	8.15	7	52745-1597	15
13.1	11.3	7.65	6.5	52745-1497	14
12.6	10.8	7.15	6	52745-1397	13
12.1	10.3	6.65	5.5	52745-1297	12
11.6	9.8	6.15	5	52745-1197	11
11.1	9.3	5.65	4.5	52745-1097	10
10.6	8.8	5.15	4	52745-0997	9
10.1	8.3	4.65	3.5	52745-0897	8
9.6	7.8	4.15	3	52745-0797	7
9.1	7.3	3.65	2.5	52745-0697	6
8.1	6.3	2.65	1.5	52745-0497	4
D	C	B	(A)	EMBOSSED PACKAGE ORDER No. オーダー番号	極数 CKT.

CONNECTOR SERIES NO. : 52745-**59

REVISED EC NO: J2011-0041 DRWN:HYOSHINO 2010/07/08 CHKD:HISHIMOTO 2010/07/08 APPR:KMORIKAWA 2010/07/16	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	± 0.2	DRAWN BY M. NABEI	DATE '05/02/14	TITLE 0.5 FPC CONN. ZIF FOR SMT R/A (UPPER CONTACT) GOLD PLATING		
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOJO	DATE '05/02/14			
		30 OVER	± 0.3	APPROVED BY N. UKITA	DATE '05/02/14			
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
	C	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52745-050	
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

注記NOTES

1.使用材料

MATERIAL

ハウジング：46ナイロン、ガラス充填、UL94V-0、白
HOUSING:PA46, GLASS FILLED, UL94V-0, WHITE
アクチュエータ：ポリフェニレンサルファイド (PPS)、ガラス充填、UL94V-0、黒
ACTUATOR:POLYPHENYLENE SULFIDE, GLASS FILLED, UL94V-0, BLACK
ターミナル：リン青銅、ニッケル下地金めっき (t=0.2)
TERMINAL:PHOSPHOR BRONZE, GOLD OVER NICKEL PLATING
金具：リン青銅、ニッケル下地金めっき (t=0.2)
FITTING NAIL: PHOSPHOR BRONZE, TIN OVER NICKEL PLATING

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になります。

IN THE PACKAGE, ACTUATOR OF PART NO.52745-**-59 SHOULD BE LOCKED.

△3 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Hに対して上方向に0.1MAXIMUM、下方向0.15MAXIMUMとする。
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM DATUM-H.

UPPER DIRECTON:0.1MAXIMUM

LOWER DIRECTION:0.15 MAXIMUM

△4 偶数極に適用

APPLY FOR EVEN CIRCUIT.

△5 ハ' ターン剥離止め金具

FITTING NAIL FOR PREVENTION OF PEELING OF P.W.B. PATTERN.

△6 R0.3は、FPCの胴体部にかからないこと
R0.3 MUST NOT BE OVERLAPED TO PATTERN OF FPC.

7.ELV 及び RoHS 適合品

ELV AND RoHS COMPLIANT

FPCについて：

打抜き方向は導体側から補強板を推奨致します。

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。

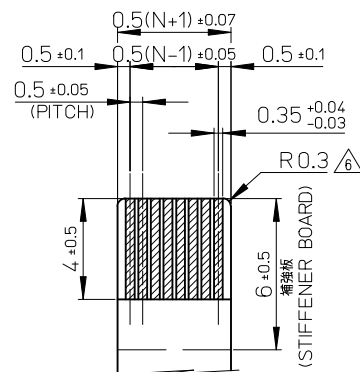
ABOUT FPC:

RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.

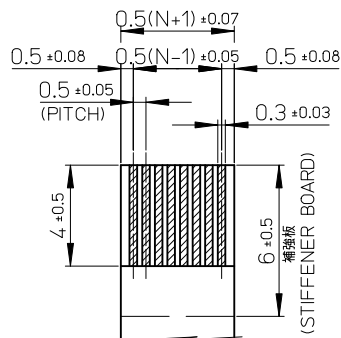
RECOMMENDED MATERIAL :

STIFFENER FILM : POLYIMIDE

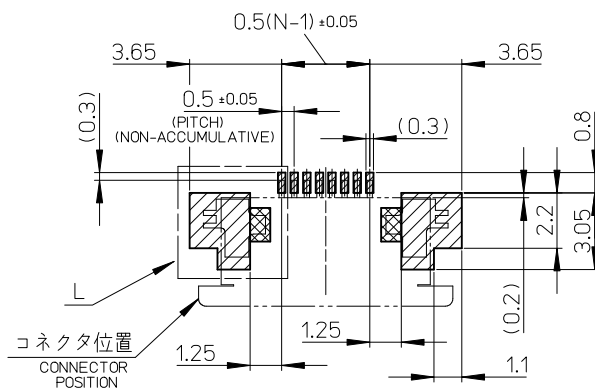
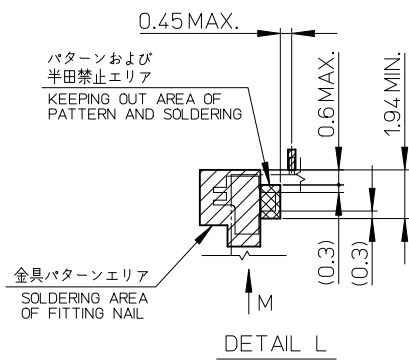
BONDING AGENT : THERMOSETTING BONDING AGENT



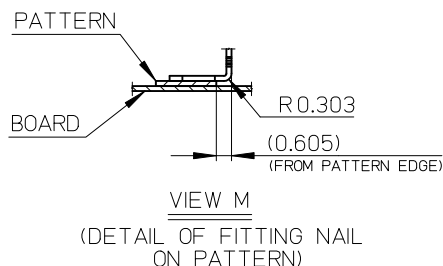
適合金めっきFPC推奨寸法
APPLICABLE FPC OF GOLD
PLATING RECOMMENDED DIMENSION
仕上がり厚さ：0.3±0.03
THICKNESS: 0.3+0.03/-0.03



適合金めっきFFC推奨寸法
APPLICABLE FFC OF GOLD
PLATING RECOMMENDED DIMENSION
仕上がり厚さ：0.3±0.03
THICKNESS: 0.3+0.03/-0.03

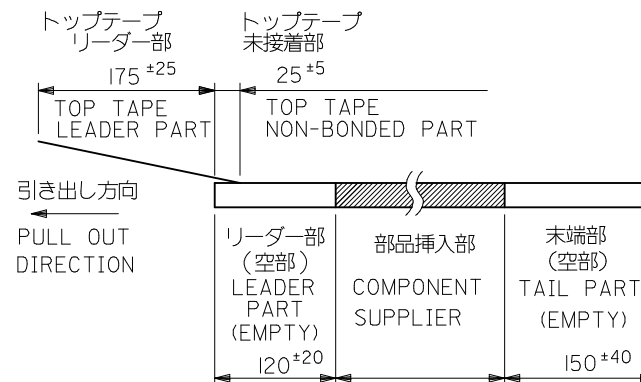


参考基板レイアウト
(マウント面)
RECOMMENDED P.C. BOARD
PATTERN DIMENSION (REF.)
(MOUNTING SIDE)

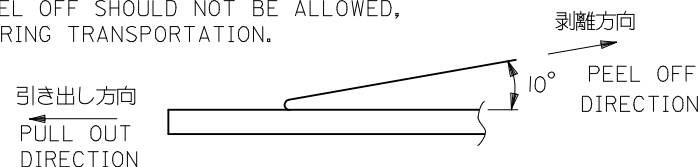


REVISED EC NO: J2011-0041 DRAWN:HYOSHINO 2010/07/08 CHKD:SHIMOMIYAMA 2010/07/08 APPR:KIMORI KAWA 2010/07/16	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY M. NABE I	DATE '05/02/14	TITLE 0.5 FPC CONN. ZIF FOR SMT R/A (UPPER CONTACT) GOLD PLATING				
		10 OVER 30 UNDER	± ---	CHECKED BY K. TOJO	DATE '05/02/14					
		30 OVER	± ---	APPROVED BY N. UKITA	DATE '05/02/14					
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52745-050				2 OF 2
		REV	SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

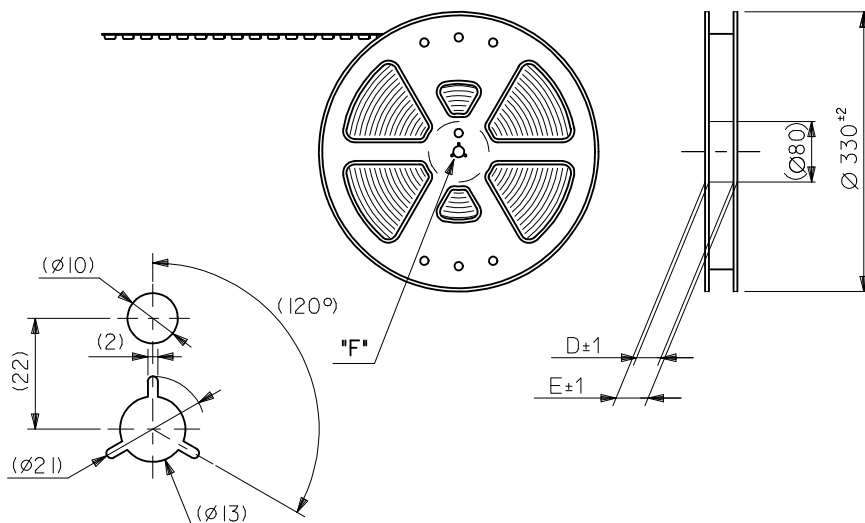
2. 梱包数量: 1000個/リール
NUMBER OF CONNECTORS: 1000PCS/REEL
3. リードテープ長さ LEAD TAPE LENGTH



4. 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:
0.1N～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.
- 剥離方向



引き出し方向
PULL OUT
DIRECTION



DETAIL "F"

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 52745-**90 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52745-**90

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 DRWN:TKON CHKD:HWATSUMOTO APPR:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	± ---	DRAWN BY M.NABEI	DATE '05/02/14	TITLE 0.5 FPC CONN UPR CONT EMBSTP PKG -LEAD FREE-		
		10 OVER 30 UNDER	± ---	CHECKED BY K.TOJO	DATE '05/02/14			
		30 OVER	± ---	APPROVED BY N.UKITA	DATE '05/02/14			
		ANGULAR ± --- °		MATERIAL NO.				
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52745-051		1 OF 3
		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

F

E

D

C

B

A

F

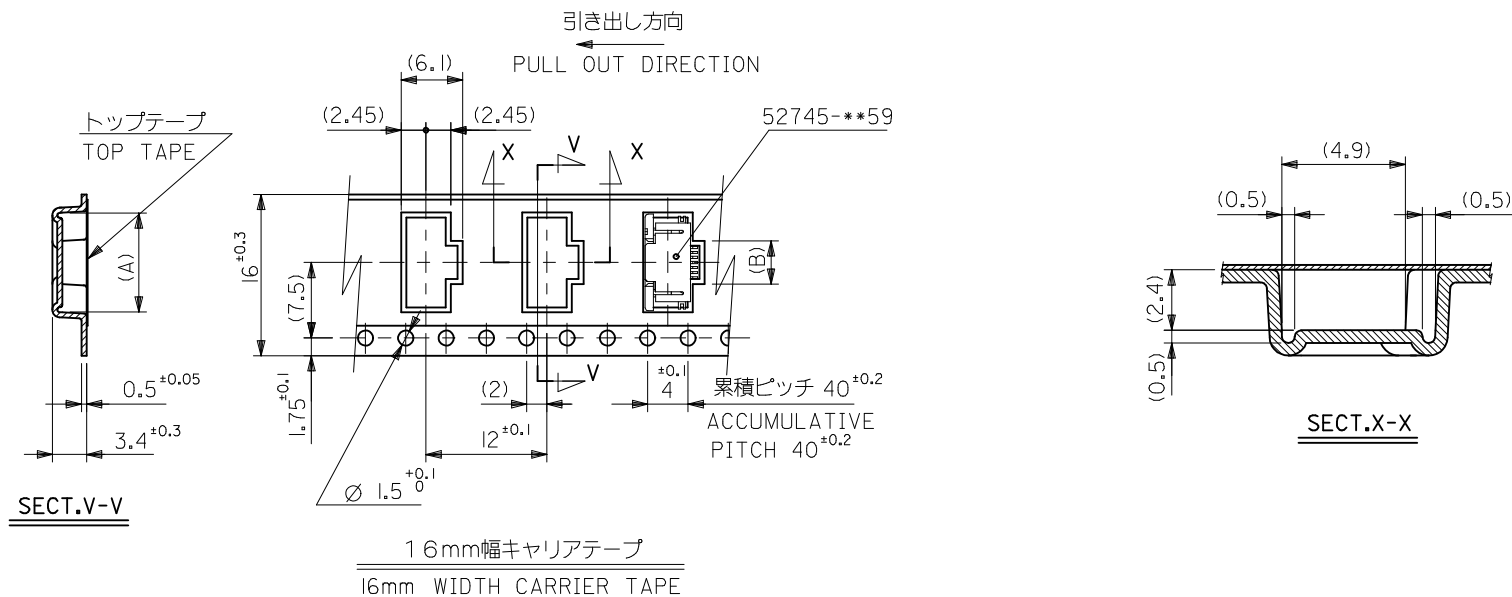
E

D

C

B

A



16	21.4	17.4	2.8	8.4	52745-0497	4
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

REVISED EC NO: J2009-2061 DRWN:TKN 2009/05/20 CHKD:HMATSUMOTO 2009/05/21 APPR:NUKITA 2009/05/21 A	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY M.NABEI	DATE '05/02/14	TITLE 0.5 FPC CONN UPR CONT EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	± ---	CHECKED BY K.TOJO	DATE '05/02/14					
		30 OVER	± ---	APPROVED BY N.UKITA	DATE '05/02/14	MOLEX INCORPORATED				
		ANGULAR ± --- °		MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52745-051		2 OF 3			
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

F

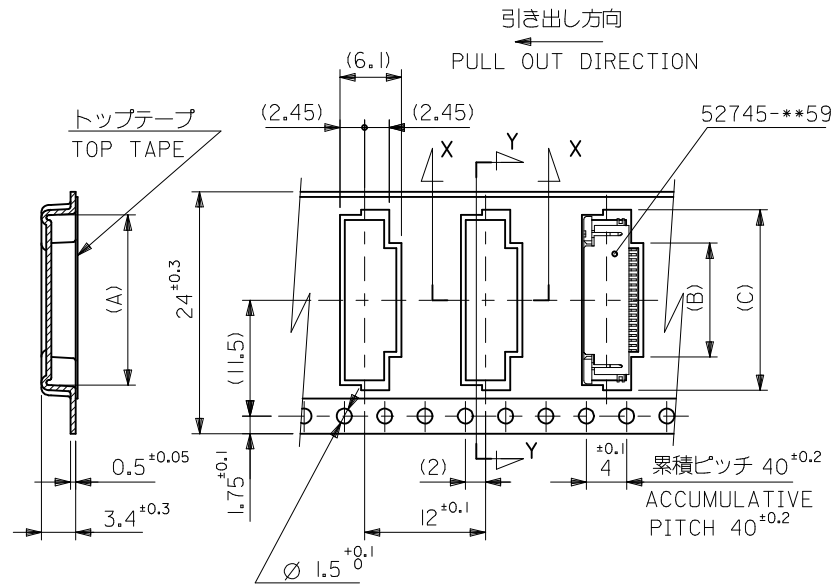
E

D

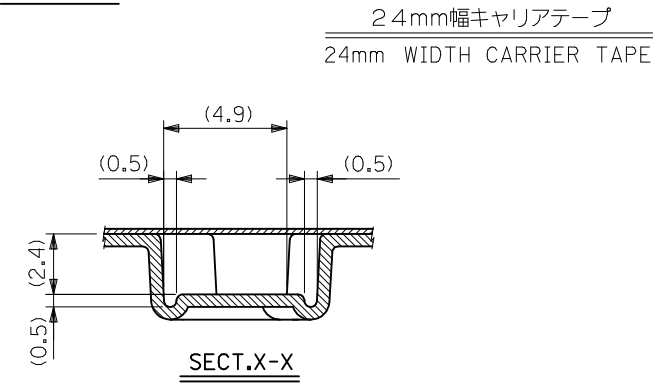
C

B

A



SECT.Y-Y



24	29.4	25.4	17.4	10.8	16.4	52745-2097	20
			16.9	10.3	15.9	- 1997	19
			16.4	9.8	15.4	- 1897	18
			15.9	9.3	14.9	- 1797	17
			15.4	8.8	14.4	- 1697	16
			14.9	8.3	13.9	- 1597	15
			14.4	7.8	13.4	- 1497	14
			13.9	7.3	12.9	- 1397	13
			13.4	6.8	12.4	- 1297	12
			12.9	6.3	11.9	- 1197	11
			12.4	5.8	11.4	- 1097	10
			11.9	5.3	10.9	- 0997	9
			11.4	4.8	10.4	- 0897	8
			10.9	4.3	9.9	- 0797	7
			10.4	3.8	9.4	52745-0697	6
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

REVISED EC NO: J2009-2061 2009/05/20 DRWN:TKN 2009/05/21 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	± ---	DRAWN BY M.NABEI	DATE '05/02/14	TITLE 0.5 FPC CONN UPR CONT EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	± ---	CHECKED BY K.TOJO	DATE '05/02/14					
		30 OVER	± ---	APPROVED BY N.UKITA	DATE '05/02/14	MOLEX INCORPORATED				
		ANGULAR	± --- °	MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52745-051		3 OF 3		
	REV			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				