

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

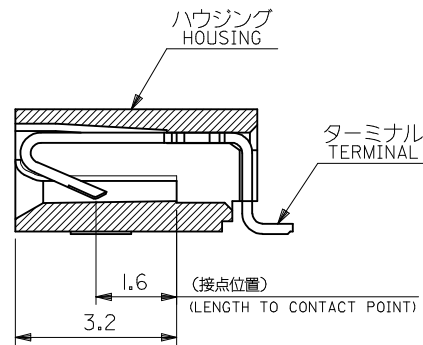
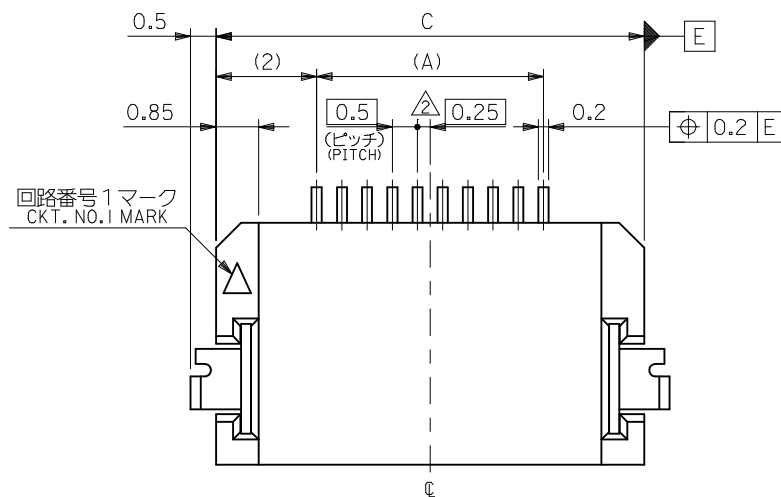
E

D

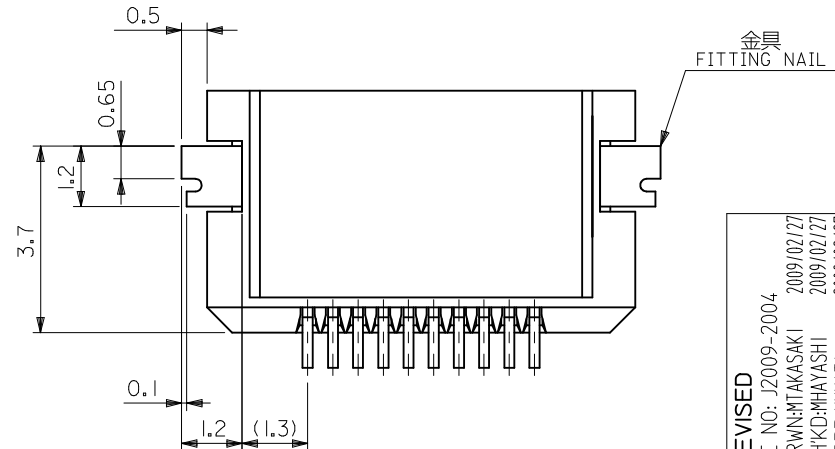
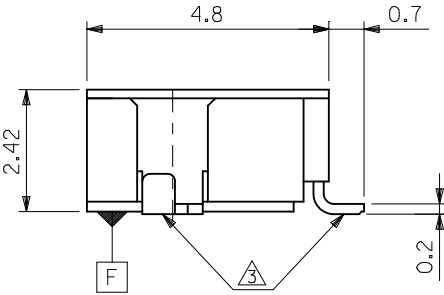
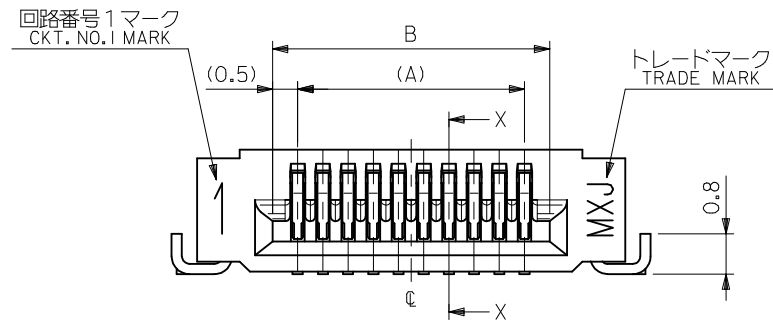
C

B

A



SECT. X-X

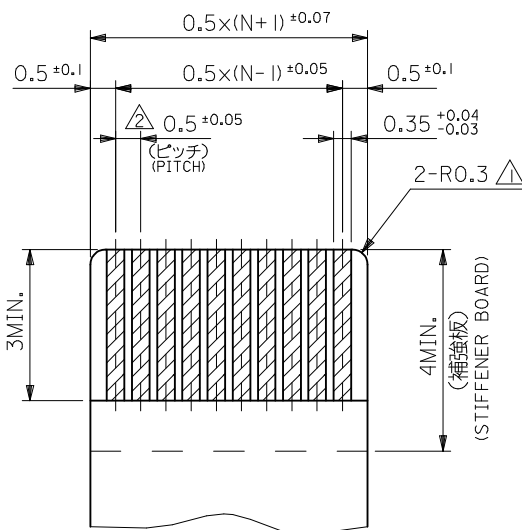


注記 NOTES

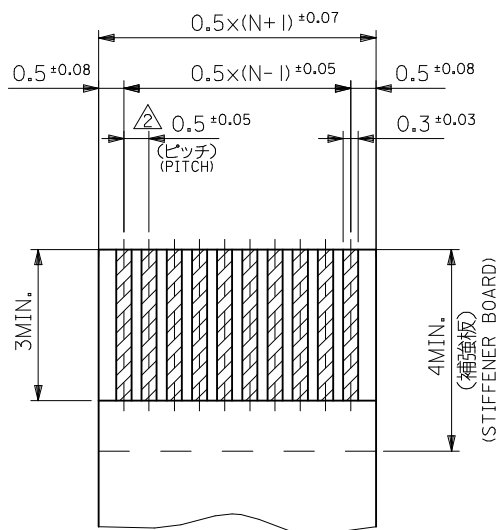
1. 材質 MATERIAL
ハウジング: PPHS, UL94V-0
HOUSING: PPHS, UL94V-0
ターミナル: リン青銅 ($t=0.2$)、
ニッケル下地、金メッキ (接点部) 錫メッキ (テール部)
TERMINAL: PHOS-BRO. ($t=0.2$),
GOLD (CONTACT) TIN (TAIL) OVER NICKEL PLATING
金具: リン青銅 ($t=0.2$)、ニッケル下地 錫メッキ
FITTING NAIL: PHOS-BRO. ($t=0.2$), TIN OVER NICKEL PLATING
2. 偶数極に適用。
APPLY FOR EVEN CIRCUIT.
3. ソルダータール半田付け面及び金具半田付け面のスレ量は、
基準面 F に対し、上方向 0.1 MAX.
下方向 0.15 MAX. とする。
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS
FROM F: UPPER DIRECTION 0.1 MAX.
: LOWER DIRECTION 0.15 MAX.
4. 本製品は 52975-**40 の鉛フリー (部分金メッキ) 品である。
THIS PRODUCT IS LEAD FREE OF 52975-**40 (CONTACT GOLD PLATING).
5. ソルダータールの平坦度は 0.1 MAXIMUM とする。
SOLDER TAIL COPLANARITY IS 0.1 MAXIMUM.

16.5	13.5	12.5	52975-2663	52975-2645	26
15.5	12.5	11.5	-2463	-2445	24
14.0	11.0	10.0	-2163	-2145	21
13.0	10.0	9.0	-1963	-1945	19
12.5	9.5	8.5	-1863	-1845	18
12.0	9.0	8.0	-1763	-1745	17
11.5	8.5	7.5	-1663	-1645	16
11.0	8.0	7.0	-1563	-1545	15
10.0	7.0	6.0	-1363	-1345	13
9.5	6.5	5.5	-1263	-1245	12
9.0	6.0	5.0	-1163	-1145	11
8.5	5.5	4.5	-1063	-1045	10
8.0	5.0	4.0	-0963	-0945	9
7.5	4.5	3.5	-0863	-0863	8
7.0	4.0	3.0	-0763	-0745	7
6.5	3.5	2.5	52975-0663	52975-0645	6

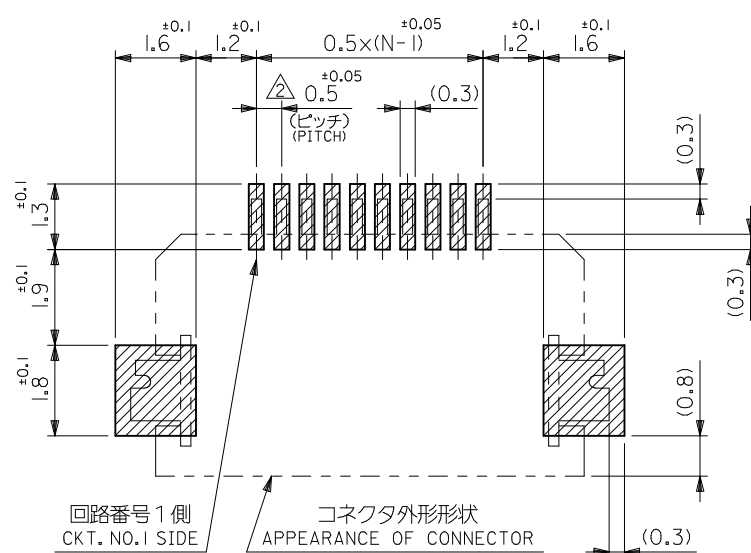
52975-**45	MODEL NO.	C	B	A	EMBOSSED TAPE ORDER No. オーダー番号	MATERIAL NO.	極数 NO. OF CKT.		
GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
10 UNDER ± 0.2		DRAWN BY MNABEI		DATE '04/08/16		TITLE 0.5 FFC/FPC CONN NON-ZIF HOUSING ASSY(UPPER CONT) -LEAD FREE-			
10 OVER 30 UNDER ± 0.25		CHECKED BY KTOJO		DATE '04/08/16		MOLEX INCORPORATED			
30 OVER ± 0.3		APPROVED BY NUKITA		DATE '04/08/16		DOCUMENT NO. SD-52975-017			
ANGULAR $\pm 3^\circ$		MATERIAL NO.		SEE TABLE		SHEET NO. 1 OF 2			
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 DIMENSION
(仕上がり厚さ : 0.3±0.03)
(THICKNESS : 0.3±0.03)



適合FFC推奨寸法
APPLICABLE FFC
RECOMMENDED DIMENSION
(仕上がり厚さ : 0.3±0.03)
(THICKNESS : 0.3±0.03)



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

注記 NOTES

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

△ 公差非累積のこと。
NON-ACCUMULATIVE.

3 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

REVISED	EC NO. J2009-2004	DRWN:MTAKASAKI	2009/02/27	CHKD:MHAYASHI	2009/02/27	APPR:NUKITA	2009/02/27	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
								10 UNDER	± 0.2	DRAWN BY MNABEI	DATE '04/08/16	TITLE 0.5 FFC/FPC CONN NON-ZIF HOUSING ASSY(UPPER CONT) -LEAD FREE-			
								10 OVER 30 UNDER	± 0.25	CHECKED BY KTOJO	DATE '04/08/16				
								30 OVER	± 0.3	APPROVED BY NUKITA	DATE '04/08/16				
								ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
								DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-52975-017		2 OF 2	
								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

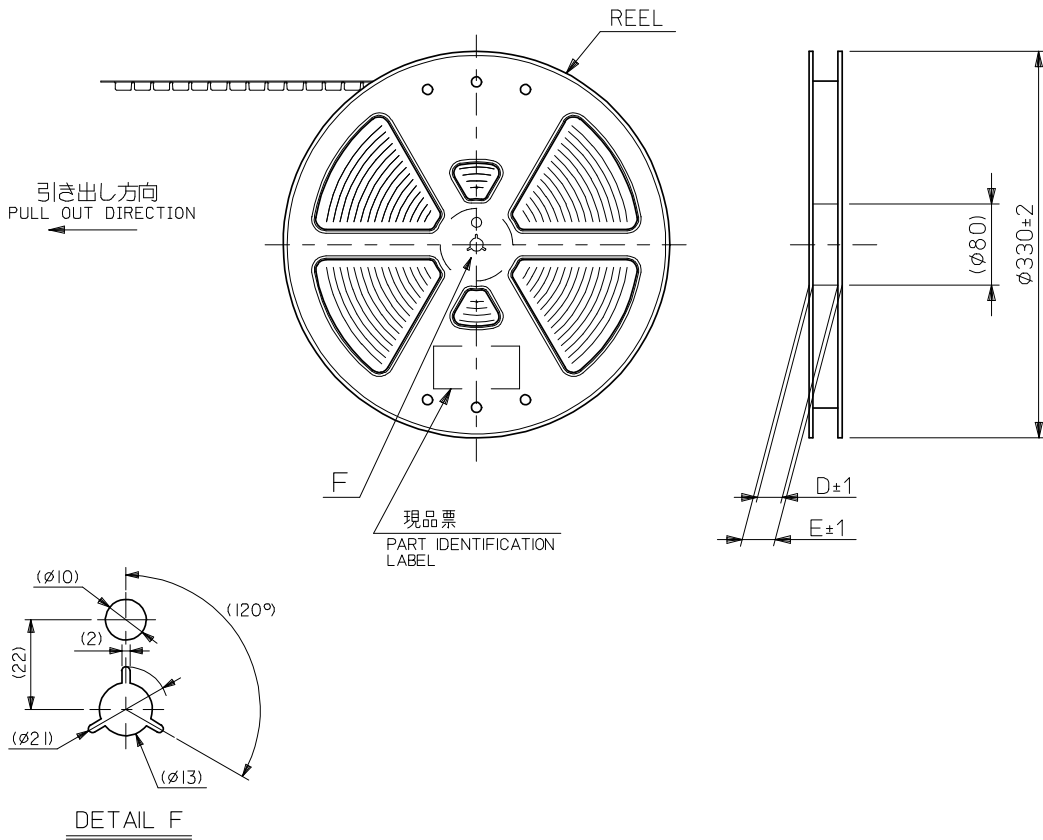
E

D

C

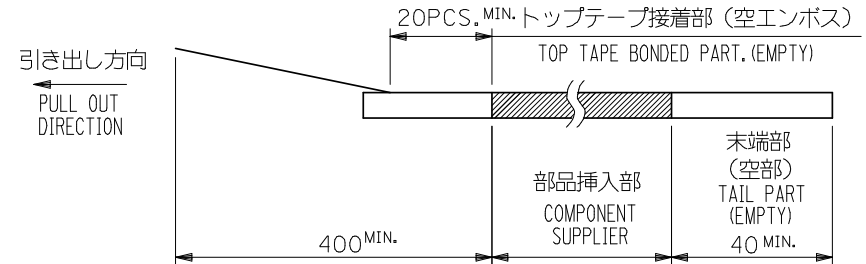
B

A

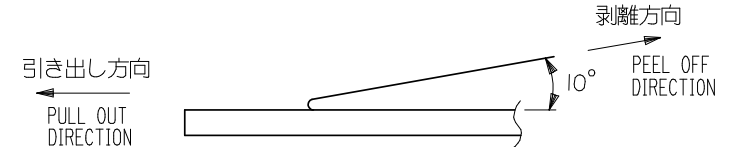


NOTES

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：0.1N ～ 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.



4. 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>
5. 本製品は 52975-***92 の鉛フリー(部分金メッキ)品である。
THIS PRODUCT IS LEAD FREE OF 52975-***92
(CONTACT GOLD PLATING).

REVISED EC NO: J2009-0003 DRWN:MNABEI CHKD:THARUYAMA APPR:NUKITA		DESCRIPTION 2008/07/08 2008/07/09	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	52975-***63	MODEL NO.
			10 UNDER ±0.2	MNABEI DATE '04/08/16	TITLE 0.5 FFC/FPC CONN NON-ZIF HSG ASSY UPPER CONTACT -LEAD FREE-						
10 OVER 30 UNDER ±0.25	CHECKED BY DATE '04/08/16										
30 OVER ±0.3	APPROVED BY DATE '04/08/16	MOLEX MOLEX INCORPORATED									
ANGULAR ±3 °	MATERIAL NO.	DOCUMENT NO.					SHEET NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE SHEET 2	SD-52975-018					1 OF 2				
B	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

F

E

D

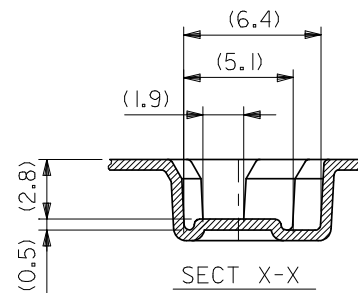
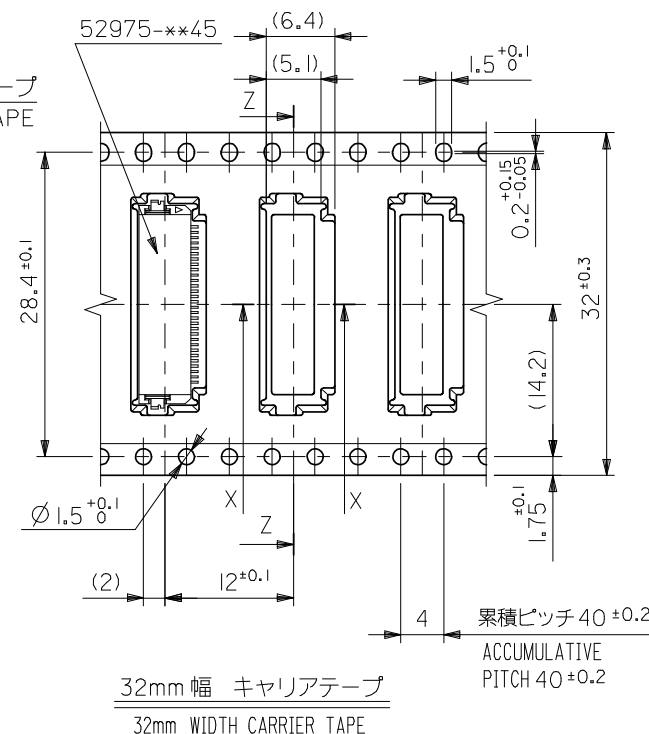
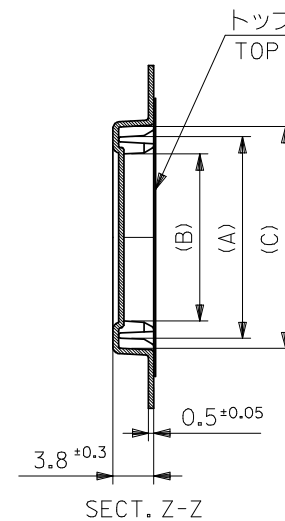
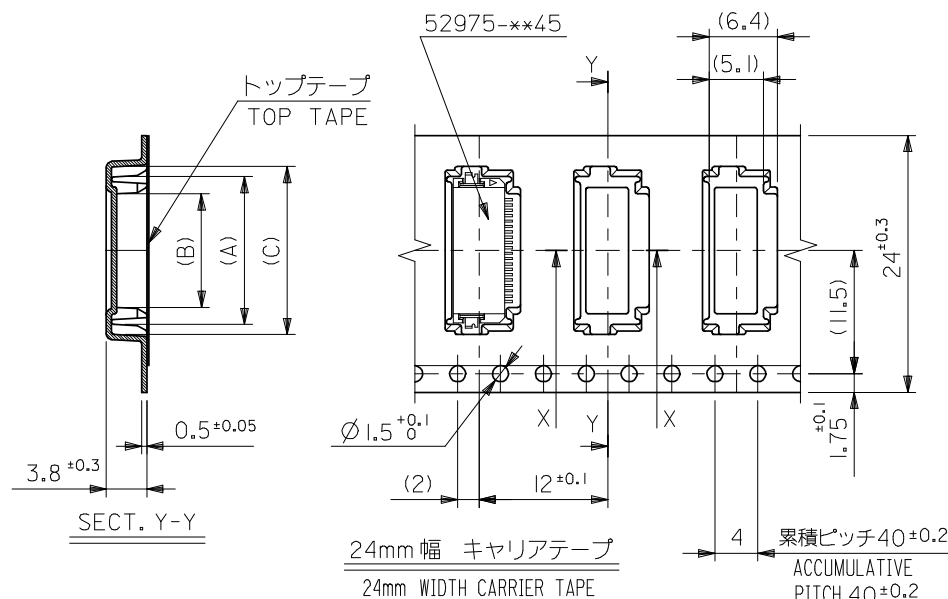
C

B

A

引き出し方向
PULL OUT DIRECTION

引き出し方向
PULL OUT DIRECTION



32	37.4	33.4	13.6	18.7	16.8	52975-2663	26
			12.6	17.7	15.8	52975-2463	24
24	29.4	25.4	11.1	16.2	14.3	52975-2163	21
			10.1	15.2	13.3	52975-1963	19
			9.6	14.7	12.8	52975-1863	18
			9.1	14.2	12.3	52975-1763	17
			8.6	13.7	11.8	52975-1663	16
			8.1	13.2	11.3	52975-1563	15
			7.1	12.2	10.3	52975-1363	13
			6.6	11.7	9.8	52975-1263	12
			6.1	11.2	9.3	52975-1163	11
			5.6	10.7	8.8	52975-1063	10
			5.1	10.2	8.3	52975-0963	9
			4.6	9.7	7.8	52975-0863	8
			4.1	9.2	7.3	52975-0763	7
			3.6	8.7	6.8	52975-0663	6
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL. NO.	極数 CKT.

REVISED EC NO: J2009-0003 DRWN:MNABEI CHKD:THARUYAMA APPR:NUKITA	DESCRIPTION 2008/07/08 2008/07/09	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		10 UNDER	± 0.2	DRAWN BY MNABEI	DATE '04/08/16	TITLE 0.5 FFC/FPC CONN NON-ZIF HSG ASSY UPPER CONTACT -LEAD FREE-					
		10 OVER 30 UNDER	± 0.25	CHECKED BY KTOJO	DATE '04/08/16						
		30 OVER	± 0.3	APPROVED BY NUKITA	DATE '04/08/16						
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52975-018		2 OF 2				
B	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						