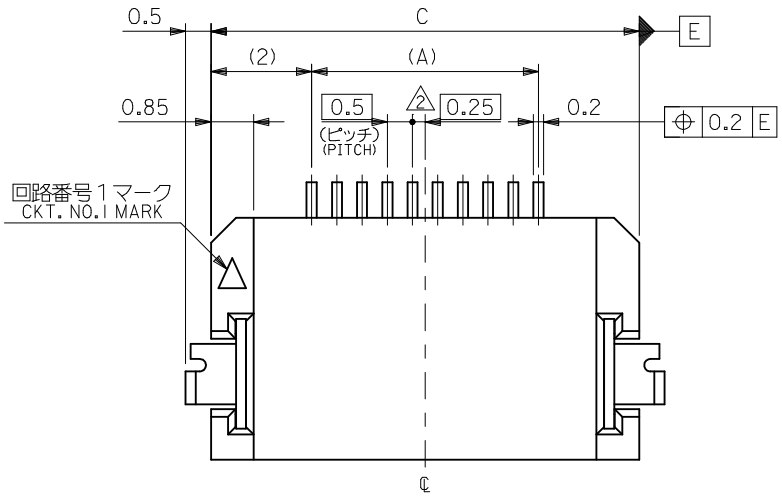
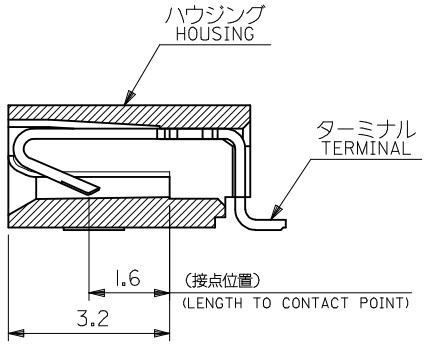




SECT. X-X

注記 NOTES

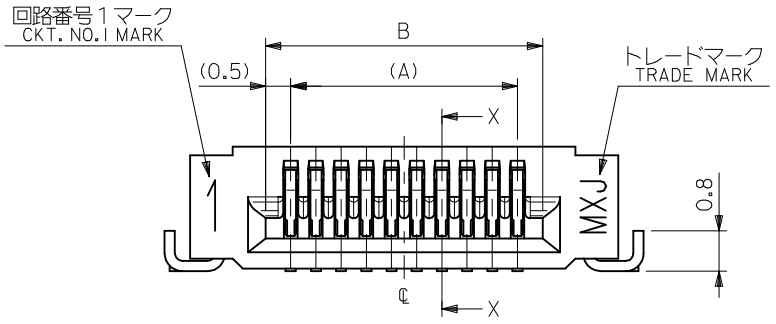
1. 材質 MATERIAL
   ハウジング： PPHS, UL94V-0
   HOUSING : PPHS, UL94V-0
   ターミナル：リン青銅（t＝0。2）、
   ニッケル下地、金メッキ（接点部） 錫メッキ（テール部）
   TERMINAL : PHOS-BRO.(t=0.2),
   GOLD (CONTACT) TIN (TAIL) OVER NICKEL PLATING
   金具：リン青銅（t＝0。2）、ニッケル下地 錫メッキ
   FITTING NAIL : PHOS-BRO.(t=0.2), TIN OVER NICKEL PLATING

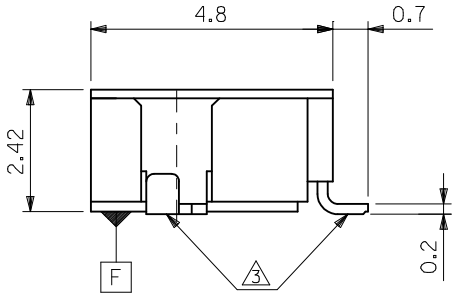
△2 偶数極に適用。
APPLY FOR EVEN CIRCUIT.

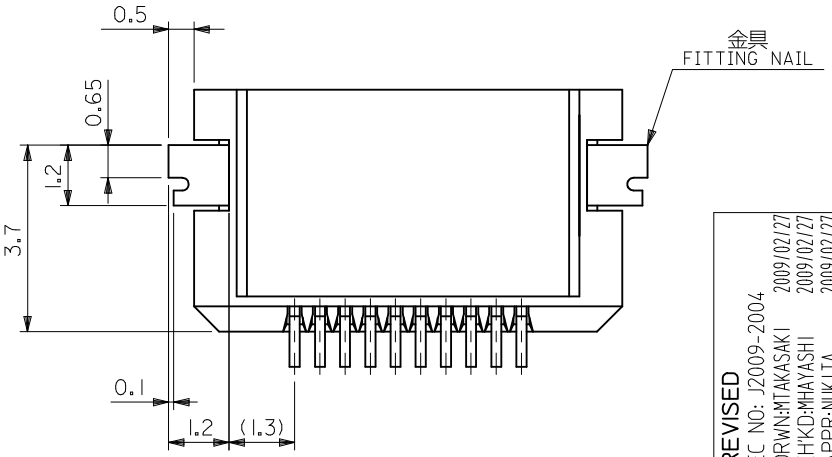
△3 ソルダーテール半田付け面及び金具半田付け面のズレ量は、
基準面 F に対し、上方向 0.1 MAX.
下方向 0.15MAX. とする。
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS
FROM F : UPPER DIRECTION 0.1 MAX.
: LOWER DIRECTION 0.15MAX.

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. ソルダーテールの平坦度は、0.1 MAXIMUM とする。
SOLDER TAIL COPLANARITY IS 0.1 MAXIMUM.







C	B	A	EMBOSSED TAPE / ORDER No. オーダー番号	MATERIAL NO.	極数 NO. OF CKT.
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.

REVISED
EC NO: J2009-2004 2009/02/27
DRWN:MTAKASAKI 2009/02/27
CH'KD:MHAYASHI 2009/02/27
APPR:NUKITA 2009/02/27
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °

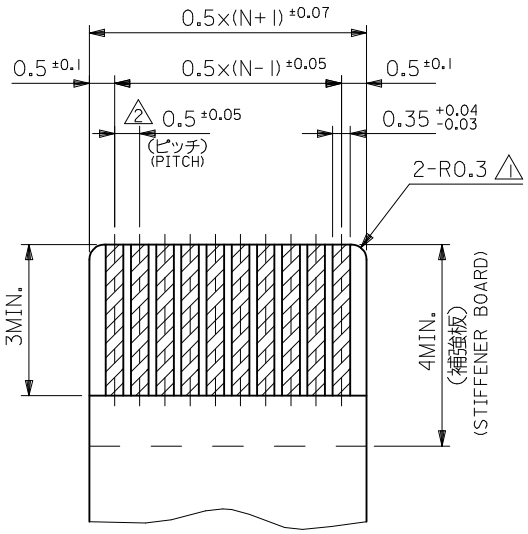
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	---
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	MNABEI
DATE	'04/08/16
CHECKED BY	KTOJO
DATE	'04/08/16
APPROVED BY	NUKITA
DATE	'04/08/16
MATERIAL NO.	SEE TABLE
DOCUMENT NO.	SD-52975-017
SHEET NO.	1 OF 2
SIZE	A3

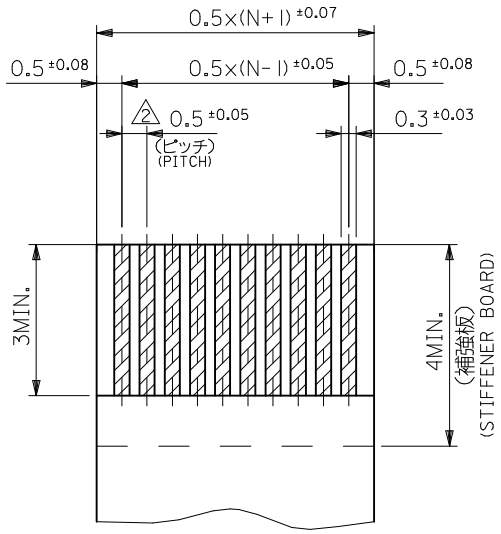
TITLE
0.5 FFC/FPC CONN NON-ZIF HOUSING ASSY(UPPER CONT) -LEAD FREE-

MOLEX INCORPORATED

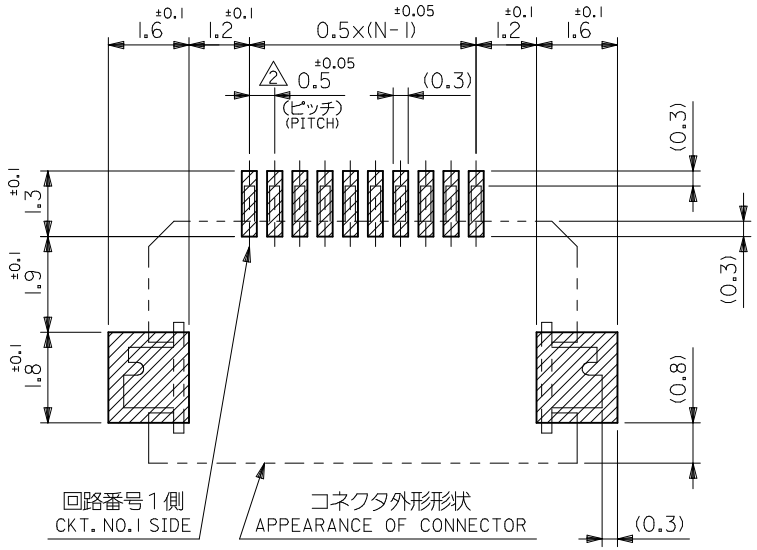
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



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

1 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.

2 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	CH'KD:MHAYASHI	APPR:NUKITA	DESCRIPTION
C	2009/02/27	2009/02/27	2009/02/27	REV

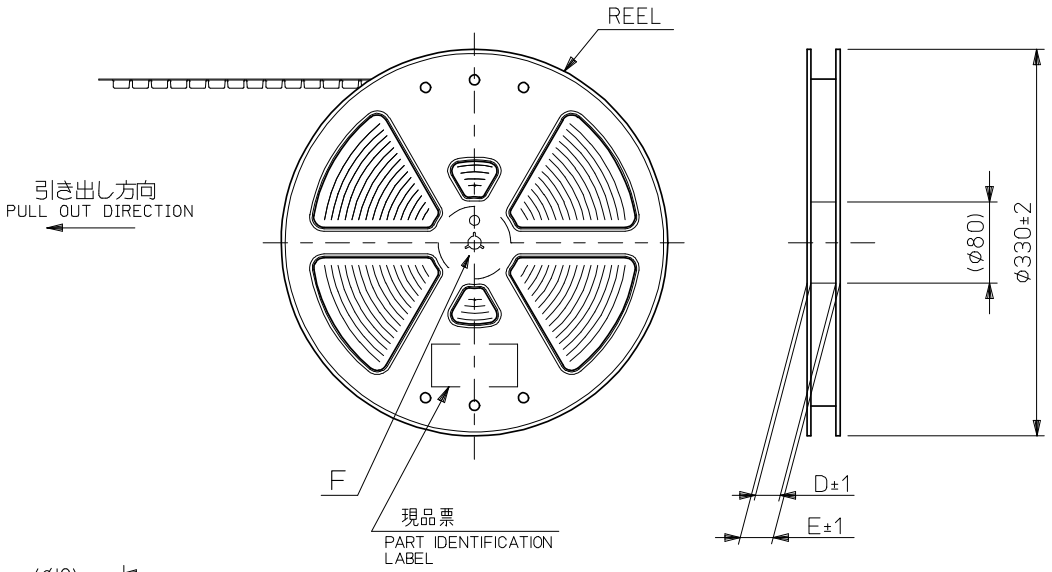
GENERAL TOLERANCES (UNLESS SPECIFIED)

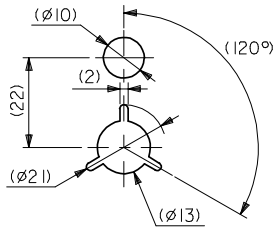
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: MNABEI DATE: '04/08/16	TITLE: 0.5 FFC/FPC CONN NON-ZIF HOUSING ASSY(UPPER CONT) -LEAD FREE-		
CHECKED BY: KTOJO DATE: '04/08/16			
APPROVED BY: NUKITA DATE: '04/08/16	molex MOLEX INCORPORATED		
MATERIAL NO.: SEE SHEET 1	DOCUMENT NO.: SD-52975-017	SHEET NO.: 2 OF 2	
SIZE: A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

52975-**45 MODEL NO.

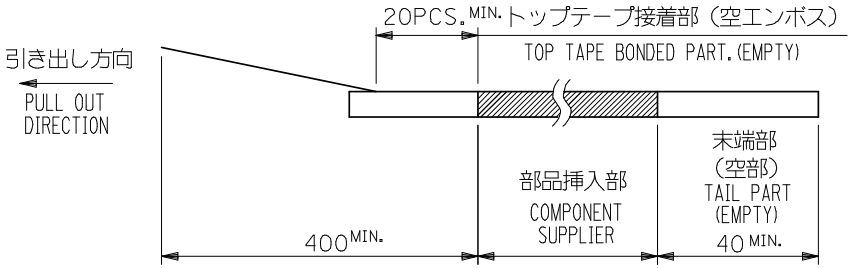




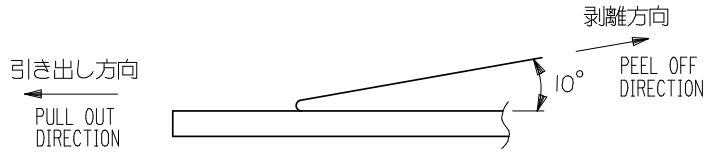
DETAIL F

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 2008/07/08	CH'KD:THARUYAMA 2008/07/09	APPR:NUKITA 2008/07/09	DESCRIPTION	REV
						B

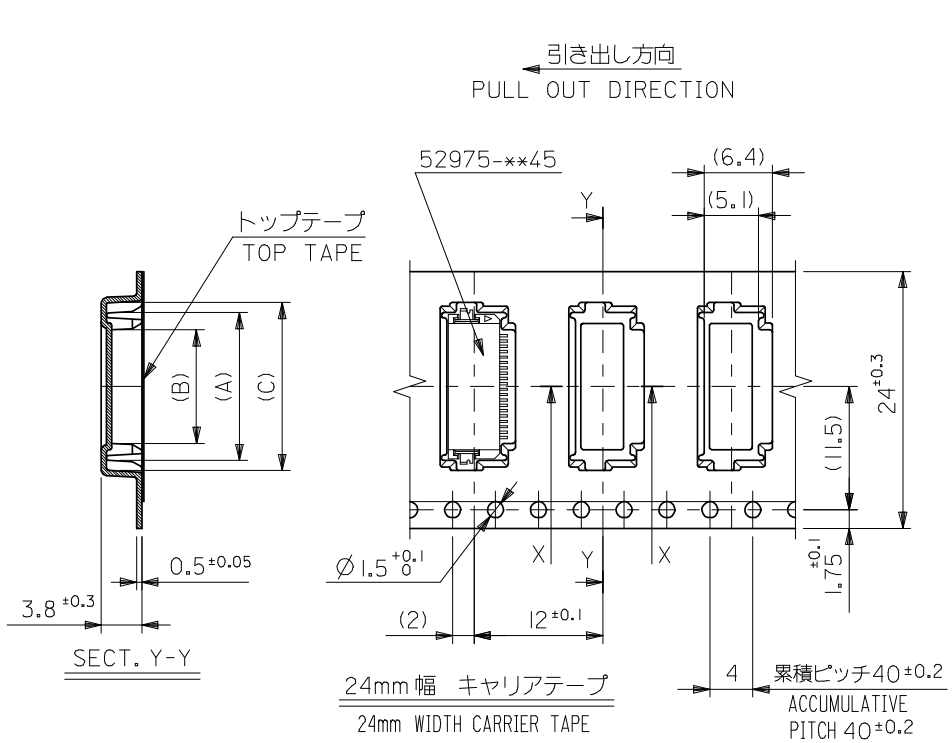
GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR ±3 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

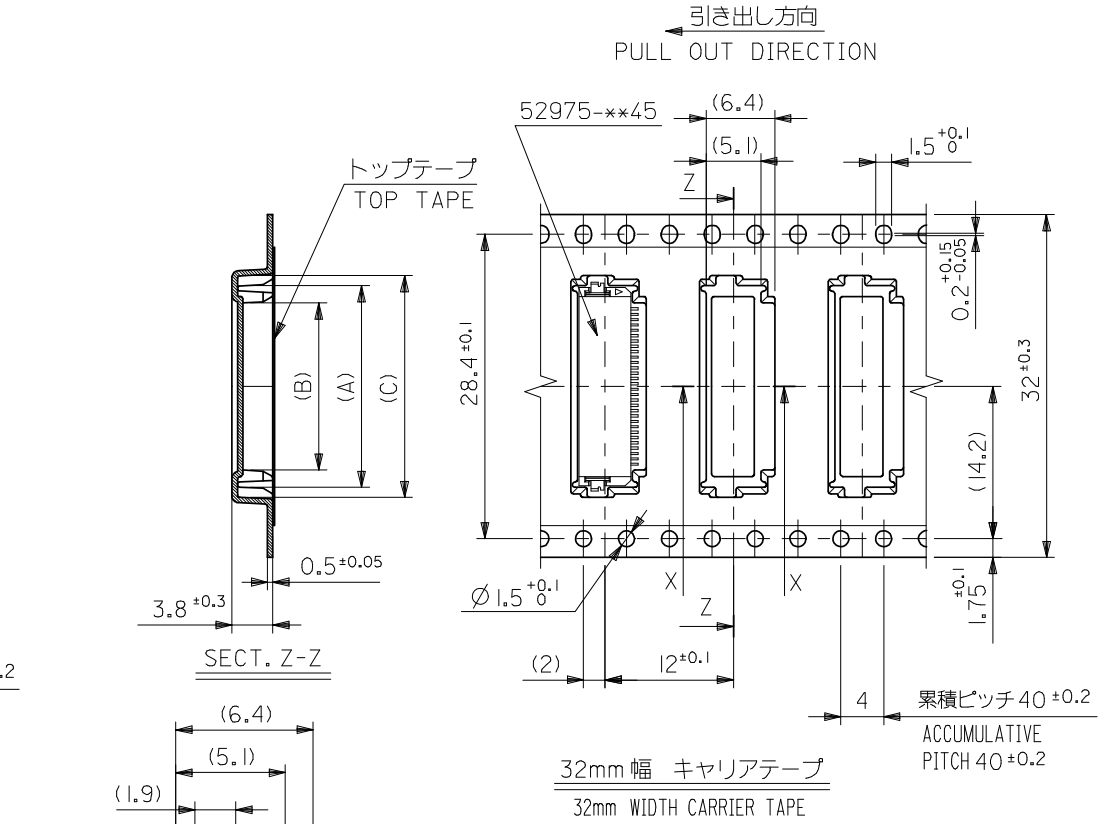
DIMENSION STYLE: MM ONLY	SCALE: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: MNABEI	DATE: '04/08/16		
CHECKED BY: KTOJO	DATE: '04/08/16		
APPROVED BY: NUKITA	DATE: '04/08/16		
MATERIAL NO.: SEE SHEET 2	DOCUMENT NO.: SD-52975-018		SHEET NO.: 1 OF 2
SIZE: A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

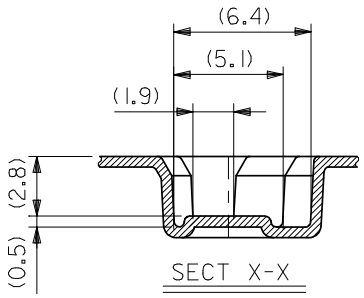
52975-**63 MODEL NO.

TITLE: 0.5 FFC/FPC CONN NON-ZIF HSG ASSY UPPER CONTACT -LEAD FREE-

molex MOLEX INCORPORATED







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:	DRWN	CH'KD	APPR	DESCRIPTION	REV
	J2009-0003	MNABEI 2008/07/08	THARUYAMA 2008/07/09	NUKITA 2008/07/09		B

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
SCALE	---
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY / DATE	MNABEI '04/08/16
CHECKED BY / DATE	KTOJO '04/08/16
APPROVED BY / DATE	NUKITA '04/08/16
MATERIAL NO.	SEE TABLE
SIZE	A3

52975-**63 | MODEL NO.

TITLE: 0.5 FFC/FPC CONN NON-ZIF HSG ASSY UPPER CONTACT -LEAD FREE-

molex MOLEX INCORPORATED

DOCUMENT NO. SD-52975-018

SHEET NO. 2 OF 2

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