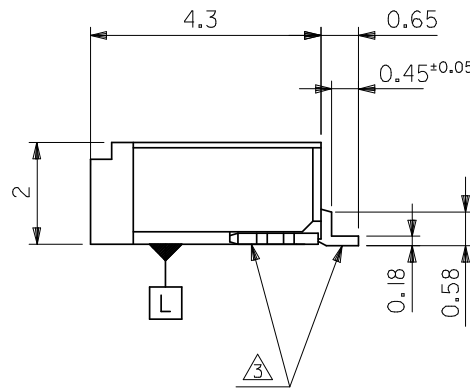
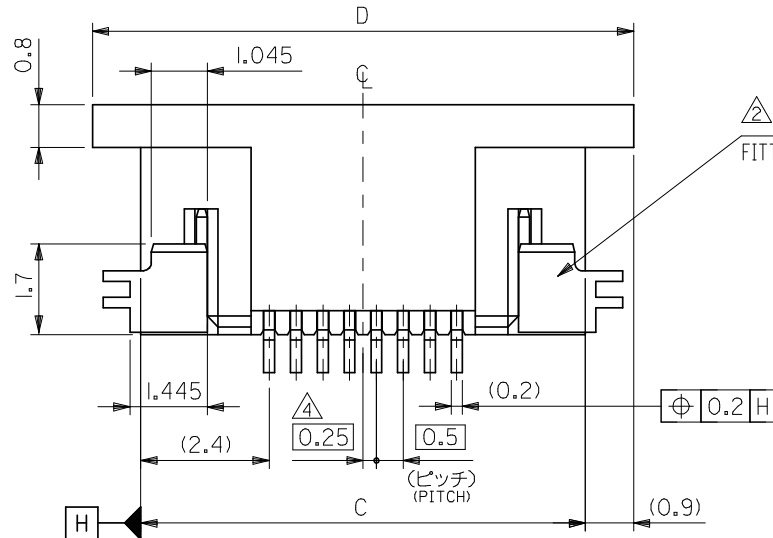
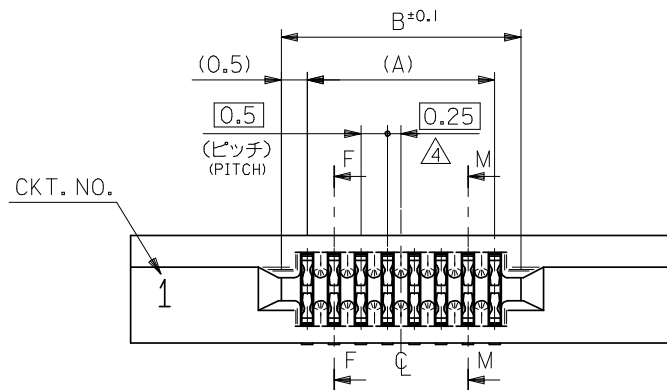
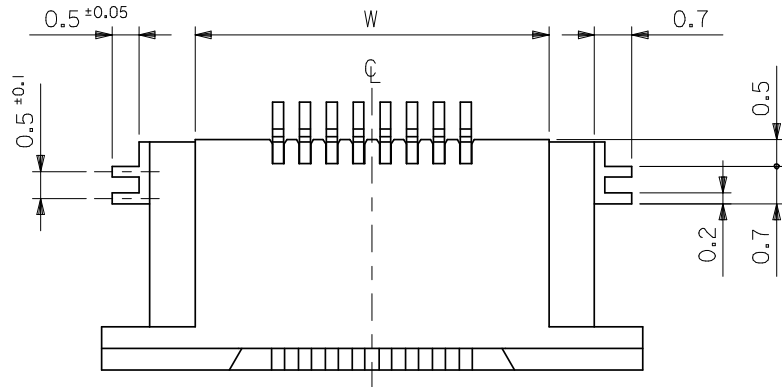
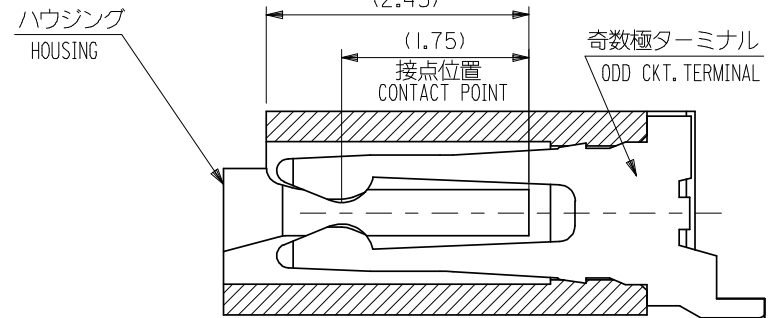
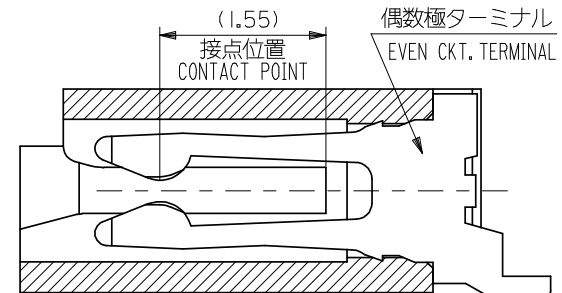




△金具
FITTING NAIL



SECT. M-M
SCALE 20:1



SECT. F-F
SCALE 20:1

注記(NOTES)

1. 使用材料 (MATERIAL)
ターミナル (TERMINAL): リン青銅、ニッケル下地 金メッキ (接点部)、錫メッキ (テール部)
(PHOSPHOR BRONZE t=0.2, GOLD (CONTACT), TIN (TAIL) PLATING OVER NICKEL)
ハウジング (HOUSING): 46ナイロン(46NYLON), UL 94V-0
金具 (FITTING NAIL): リン青銅、ニッケル下地、錫メッキ
(PHOSPHOR BRONZE t=0.2, TIN PLATING OVER NICKEL)
△2 パターン剥離止め用金具。(FITTING NAIL FOR PREVENTION OF PEELING OFF PCB. PATTERN.)
△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 L に対し上方向 0.1MAX. 下方向 0.15MAX. とする。
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM L .
UPPER DIRECTION 0.1MAX., LOWER DIRECTION 0.15MAX.
△4 偶数極に適用。(TO BE APPLIED ONLY WHEN ALL CKTS. ARE EVEN.)
5. 本製品は 52689-**40 の鉛フリー (部分金メッキ) 品である。
THIS PRODUCT IS LEAD FREE OF 52689-***40 (CONTACT GOLD PLATING).

52689-**66 MODEL NO.

REVISED		EC NO: J2008-4308		2008/06/27		DRWN:MNAMEI		2008/06/30		CH'KD:THARUYAMA		2008/06/30		APPR:NUKITA		DESCRIPTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION			
																		10 UNDER		± 0.2		DRAWN BY M.NABEI		'04/08/06		DATE		TITLE	
																		10 OVER 30 UNDER		± 0.25		CHECKED BY K.TOJO		'04/08/06		DATE		0.5 FPC CONN NON ZIF HSG ASSY FOR SMT(R/A) -LEAD FREE-	
																		30 OVER		± 0.3		APPROVED BY N.UKITA		'04/08/06		DATE		MOLEX MOLEX INCORPORATED	
																		ANGULAR ± 3 °				MATERIAL NO.		DOCUMENT NO.		SD-52689-040		SHEET NO.	
																		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE SHEET 2						1 OF 2	
																				SIZE A3		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

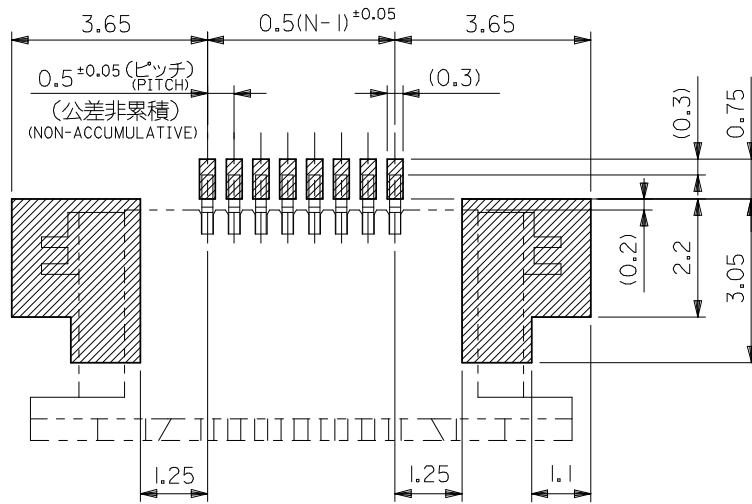
E

D

C

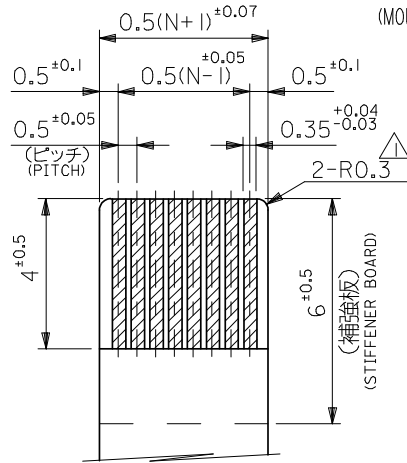
B

A



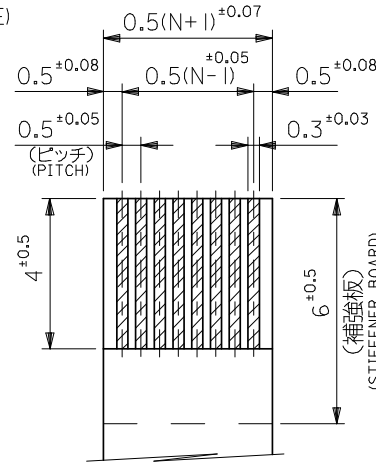
参考基板レイアウト
(マウント面)

REFERENCE P.C. BOARD
PATTERN DIMENSION
(MOUNTING SIDE)



適用F.P.C.推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION

(仕上がり厚さ: 0.3±0.03)
(THICKNESS: 0.3±0.03)



適用F.F.C.推奨寸法
APPLICABLE FFC
RECOMMENDED DIMENSION

(仕上がり厚さ: 0.3±0.03)
(THICKNESS: 0.3±0.03)

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.

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

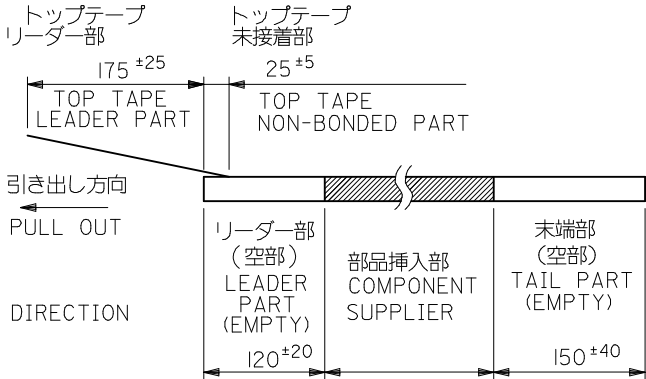
BONDING AGENT : THERMOSETTING BONDING AGENT

17.6	21.1	19.3	15.5	14.5	52689-3075	52689-3066	30
16.6	20.1	18.3	14.5	13.5	-2875	-2866	28
15.6	19.1	17.3	13.5	12.5	-2675	-2666	26
15.1	18.6	16.8	13.0	12.0	-2575	-2566	25
14.6	18.1	16.3	12.5	11.5	-2475	-2466	24
14.1	17.6	15.8	12.0	11.0	-2375	-2366	23
13.6	17.1	15.3	11.5	10.5	-2275	-2266	22
13.1	16.6	14.8	11.0	10.0	-2175	-2166	21
12.6	16.1	14.3	10.5	9.5	-2075	-2066	20
12.1	15.6	13.8	10.0	9.0	-1975	-1966	19
11.6	15.1	13.3	9.5	8.5	-1875	-1866	18
10.6	14.1	12.3	8.5	7.5	-1675	-1666	16
10.1	13.6	11.8	8.0	7.0	-1575	-1566	15
9.6	13.1	11.3	7.5	6.5	-1475	-1466	14
9.1	12.6	10.8	7.0	6.0	-1375	-1366	13
8.6	12.1	10.3	6.5	5.5	-1275	-1266	12
8.1	11.6	9.8	6.0	5.0	-1175	-1166	11
7.6	11.1	9.3	5.5	4.5	-1075	-1066	10
6.6	10.1	8.3	4.5	3.5	-0875	-0866	8
6.1	9.6	7.8	4.0	3.0	-0775	-0766	7
5.6	9.1	7.3	3.5	2.5	-0675	-0666	6
5.1	8.6	6.8	3.0	2.0	52689-0575	52689-0566	5

52689-**66		W	D	C	B	A	EMBOSSED TAPE	MATERIAL NO.	極数 CKT.	
MODEL NO.							ORDER No. オーダー番号			
GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY			SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 		
			DRAWN BY MNABEI		DATE '04/08/06	TITLE 0.5 FPC CONN NON ZIF HSG ASSY FOR SMT(R/A) -LEAD FREE-				
UNDER 30		± 0.2	CHECKED BY KTOJO		DATE '04/08/06					
OVER		± 0.25	APPROVED BY NUKITA		DATE '04/08/06					
± 0.3				 MOLEX INCORPORATED						
LAR ±3 °		MATERIAL NO.			DOCUMENT NO.			SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE			SD-52689-040			2 OF 2	
			SIZE A3			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

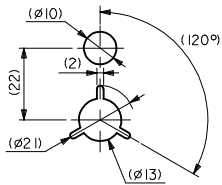
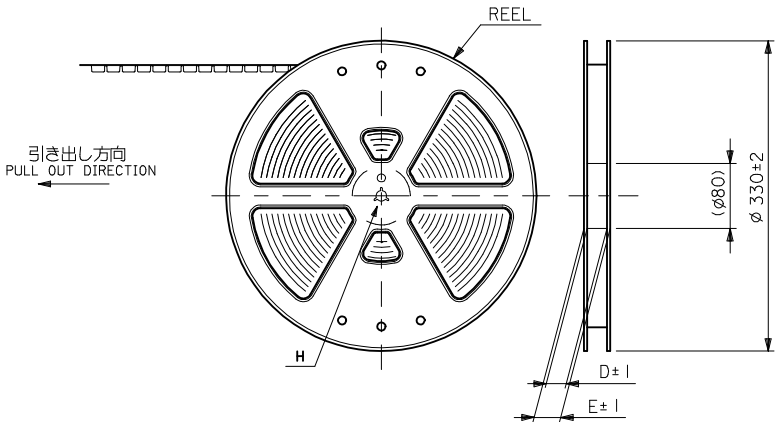
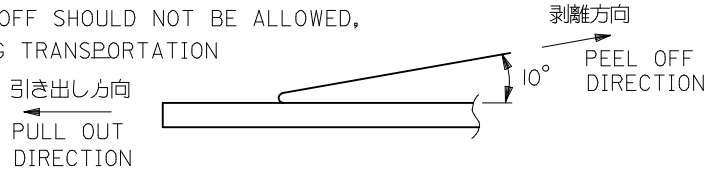
注記 NOTES

1. 製品詳細寸法については図面 SD-52689-040 を参照下さい。
RE DETAILED DIMENSION,SEE SD-52689-040.
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)
0.1～1.3N {10～130gf} 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
0.1～1.3N {10～130gf}(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT
PEEL OFF SHOULD NOT BE ALLOWED,
DURING TRANSPORTATION



DETAIL H

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)

MATERIAL CARRIER TAPE:POLYPROPYLENE
TOP TAPE:PET,PE,PEF
REEL:POLYSTYRENE

6. 本製品は 52689-**97 の鉛フリー(部分金メッキ)品である。
THIS PRODUCT IS LEAD FREE OF 52689-**97 (CONTACT GOLD PLATING).
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:TKON 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 MNABEI	DATE '04/08/06	TITLE EMBOSSD TAPE PACKAGE FOR 52689-**66 -LEAD FREE-				
		10 OVER 30 UNDER	± ---	CHECKED BY KTOJO	DATE '04/08/06					
		30 OVER	± ---	APPROVED BY NUKITA	DATE '04/08/06					
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52689-041		1 OF 4			
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

10

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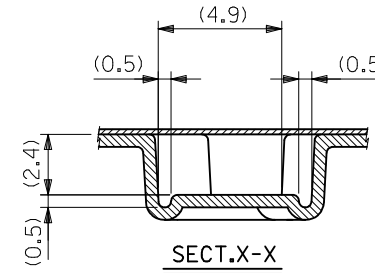
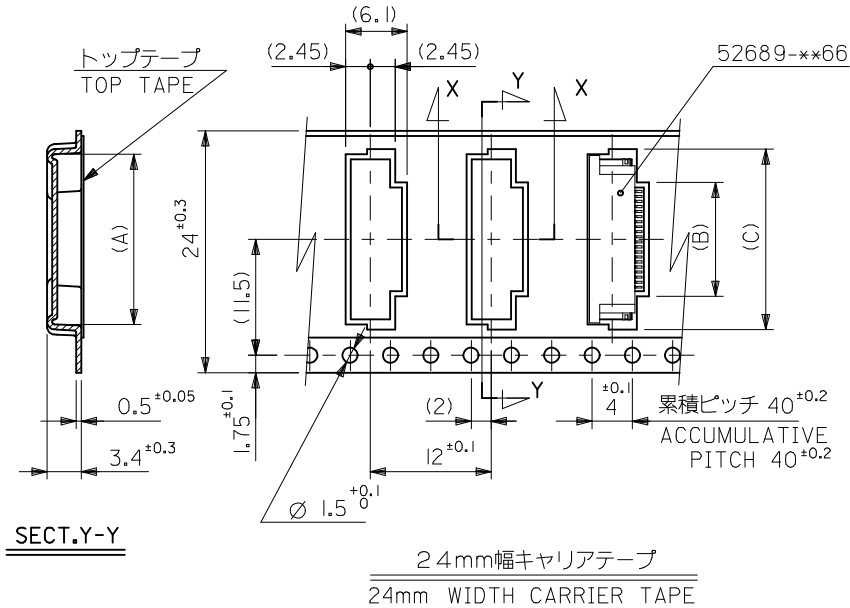
4

3

2

1

引き出し方向 PULL OUT DIRECTION

トップテープ
TOP TAPE

24	29.4	25.4	17.9	11.3	16.9	52689-2175	21
			17.4	10.8	16.4	-2075	20
			16.9	10.3	15.9	-1975	19
			16.4	9.8	15.4	-1875	18
			15.4	8.8	14.4	-1675	16
			14.9	8.3	13.9	-1575	15
			14.4	7.8	13.4	-1475	14
			13.9	7.3	12.9	-1375	13
			13.4	6.8	12.4	-1275	12
			12.9	6.3	11.9	-1175	11
			12.4	5.8	11.4	-1075	10
			11.4	4.8	10.4	-0875	8
			10.9	4.3	9.9	-0775	7
			10.4	3.8	9.4	-0675	6
			9.9	3.3	8.9	52689-0575	5

キャリアテープ幅
CARRIER TAPE WIDTH

DIMENSION STYLE

MM ONLY

SCALE

DESIGN UNITS

METRIC

THIRD ANGLE
PROJECTIONREVISED
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)10 UNDER ± ---
10 OVER 30 UNDER ± ---
30 OVER ± ---ANGULAR ± --- °
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DRAWN BY

MNAMEI

DATE

'04/08/06

CHECKED BY

KTOJO

DATE

'04/08/06

APPROVED BY

NUKITA

DATE

'04/08/06

MATERIAL NO.

SEE TABLE

SIZE

A3

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

TITLE

EMBOSSD TAPE PACKAGE
FOR 52689-***66
-LEAD FREE-

molex

MOLEX INCORPORATED

DOCUMENT NO.

SD-52689-041

SHEET NO.

2 OF 4

9

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7

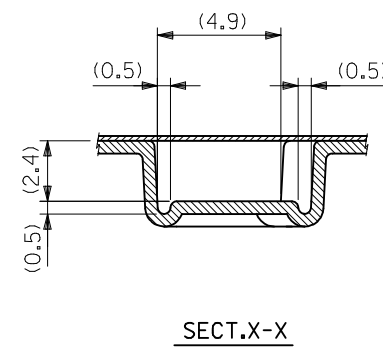
6

5

4

3

2



24	29.4	25.4	11.8	17.4	52689-2275	22
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.:TKON CHKD.: APPR.:NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	± ---	DRAWN BY MNA BEI	DATE '04/08/06	TITLE EMBOSSED TAPE PACKAGE FOR 52689-***66 -LEAD FREE-		
		10 OVER 30 UNDER	± ---	CHECKED BY KTOJO	DATE '04/08/06			
		30 OVER	± ---	APPROVED BY NUKITA	DATE '04/08/06			
		ANGULAR ± --- °		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-52689-041		SHEET NO. 3 OF 4
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

