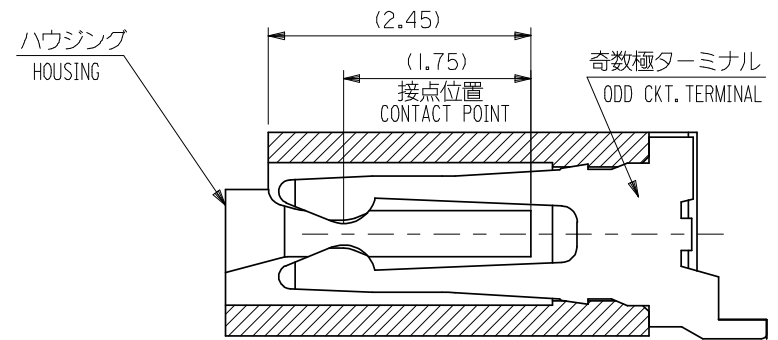
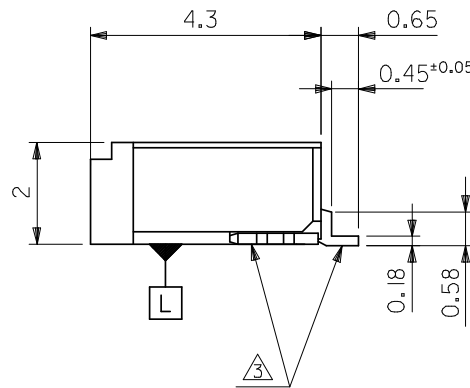
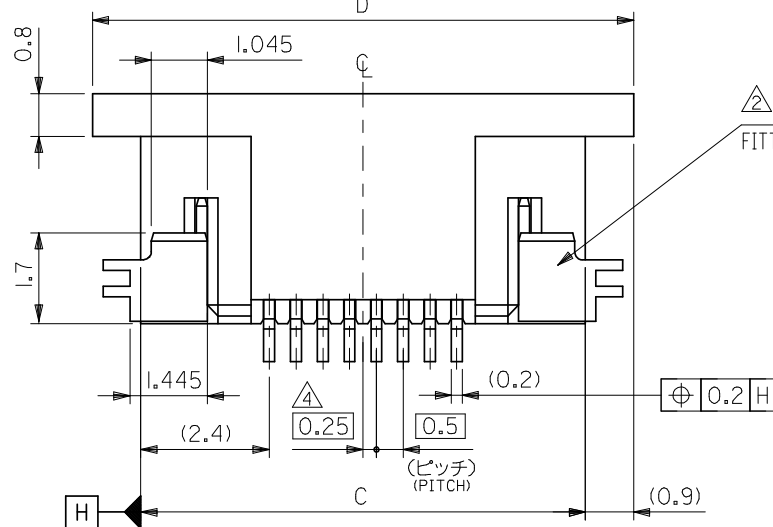
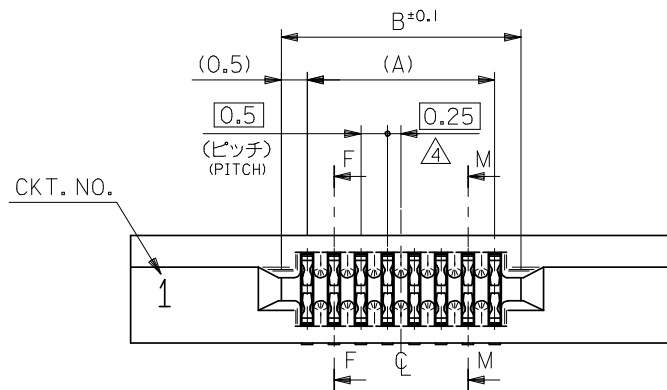
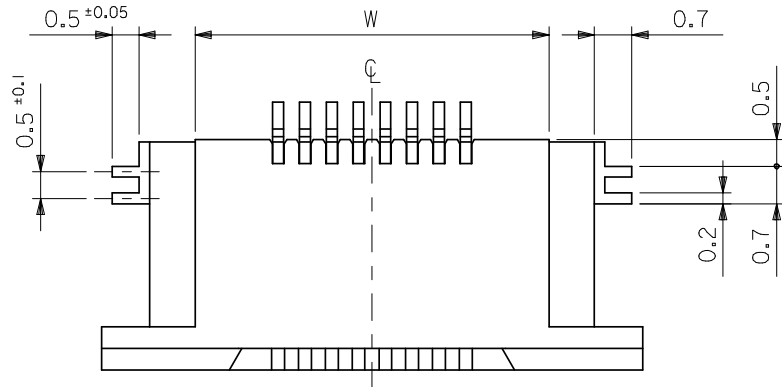
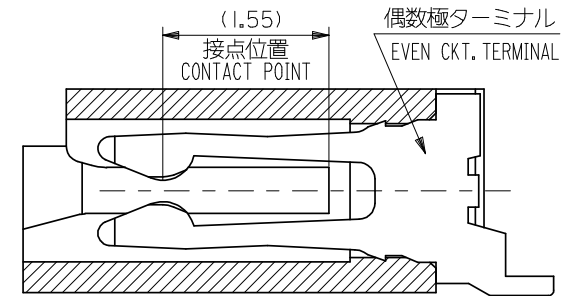


10 9 8 7 6 5 4 3 2 1



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 DRWN:NABEI CHK'D:THARUYAMA 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	DATE '04/08/06	TITLE 0.5 FPC CONN NON ZIF HSG ASSY FOR SMT(R/A) -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY K. TOJO	DATE '04/08/06					
		30 OVER	±0.3	APPROVED BY N. UKITA	DATE '04/08/06					
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2		SD-52689-040		1 OF 2		
B	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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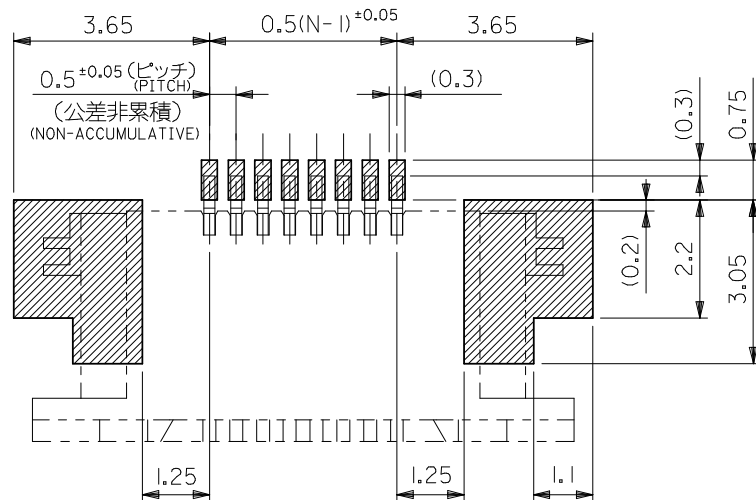
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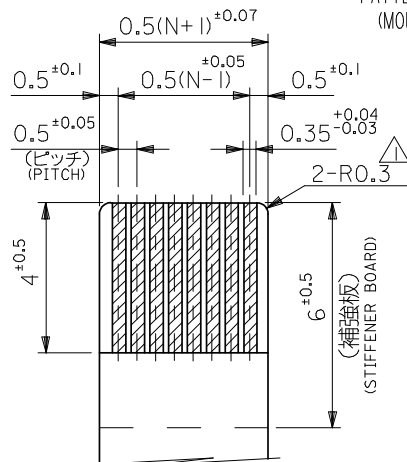
2

1



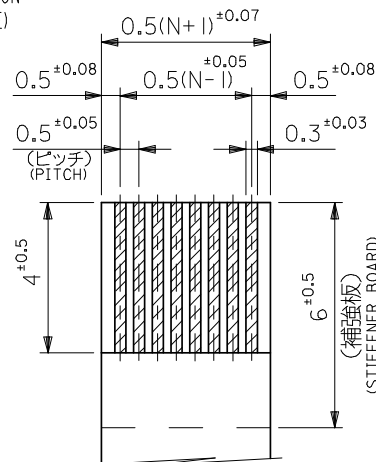
参考基板レイアウト
(マウント面)

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



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)

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			
UNDER		± 0.2	DRAWN BY MNABEI		DATE '04/08/06		TITLE 0.5 FPC CONN NON ZIF HSG ASSY FOR SMT(R/A) -LEAD FREE-				
30 UNDER		± 0.25	CHECKED BY KTOJO		DATE '04/08/06						
OVER		± 0.3	APPROVED BY NUKITA		DATE '04/08/06						
ANGULAR		± 3 °	MATERIAL NO.		DOCUMENT NO.						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE			SD-52689-040				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					

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.

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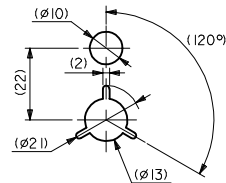
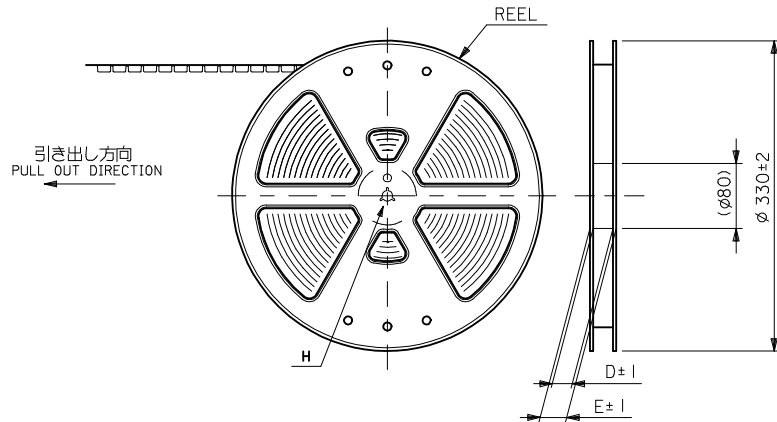
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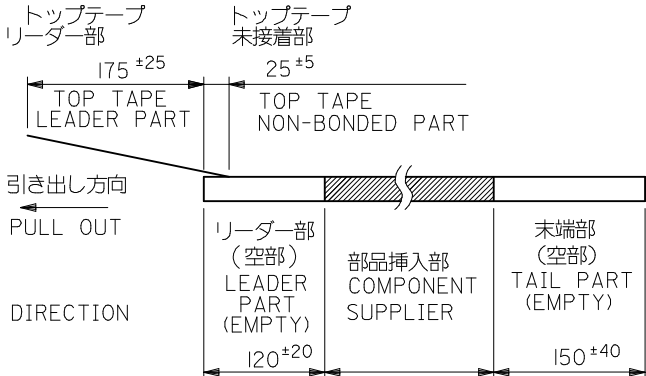
2

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

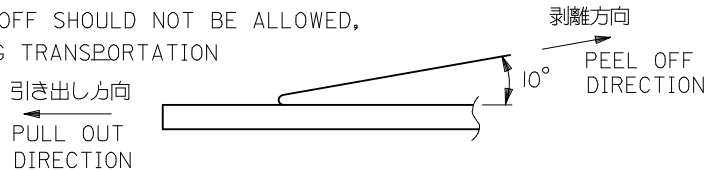


DETAIL H



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



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 DRWN:TKON CHKD:HMATSUMOTO APPR:NUKITA REV B	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- MOLEX INCORPORATED	DOCUMENT NO. SD-52689-041	SHEET NO. 1 OF 4	INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
		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					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3						
	REV								

10 9 8 7 6 5 4 3 2 1

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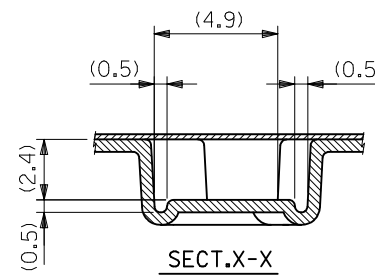
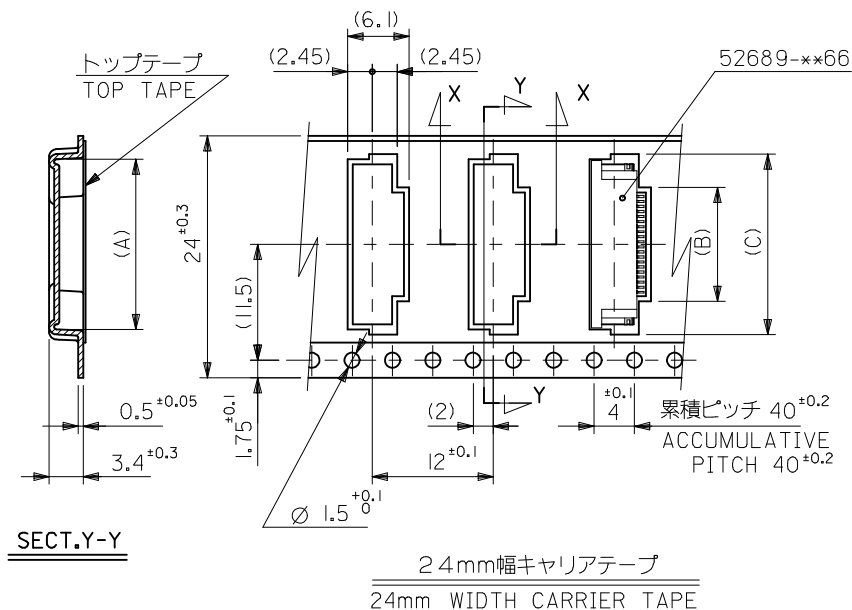
D

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引き出し方向 PULL OUT DIRECTION



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 E D (C) (B) (A) MATERIAL NO. CIRCUIT

REVISED EC NO: J2009-2061 2009/05/20 DRWN:TKN CH'KD: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	± ---	MNABE I	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	MOLEX MOLEX INCORPORATED				
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		SEE TABLE SD-52689-041 2 OF 4 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

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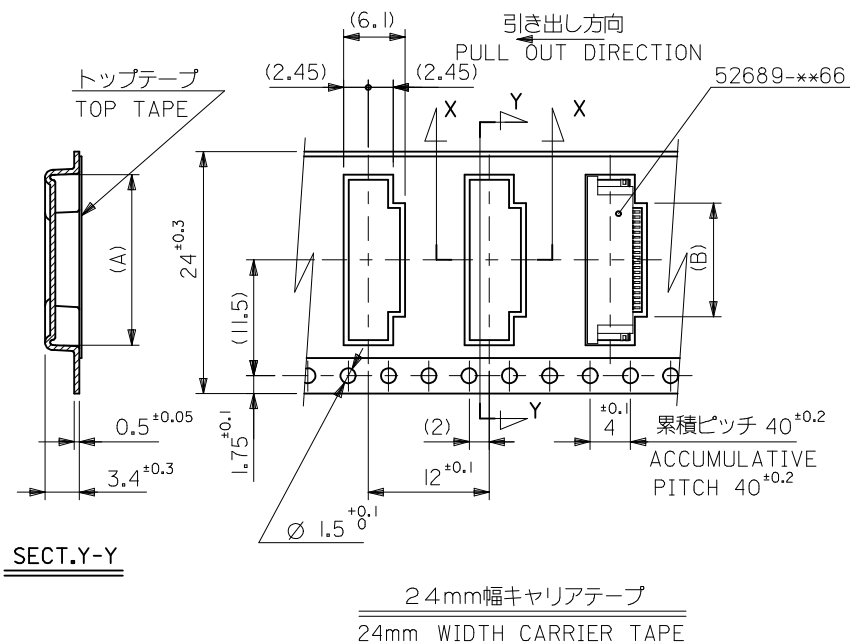
E

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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 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	± ---	DRAWN BY MNABEI	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	MOLEX INCORPORATED				
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52689-041			3 OF 4		
B	REV	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

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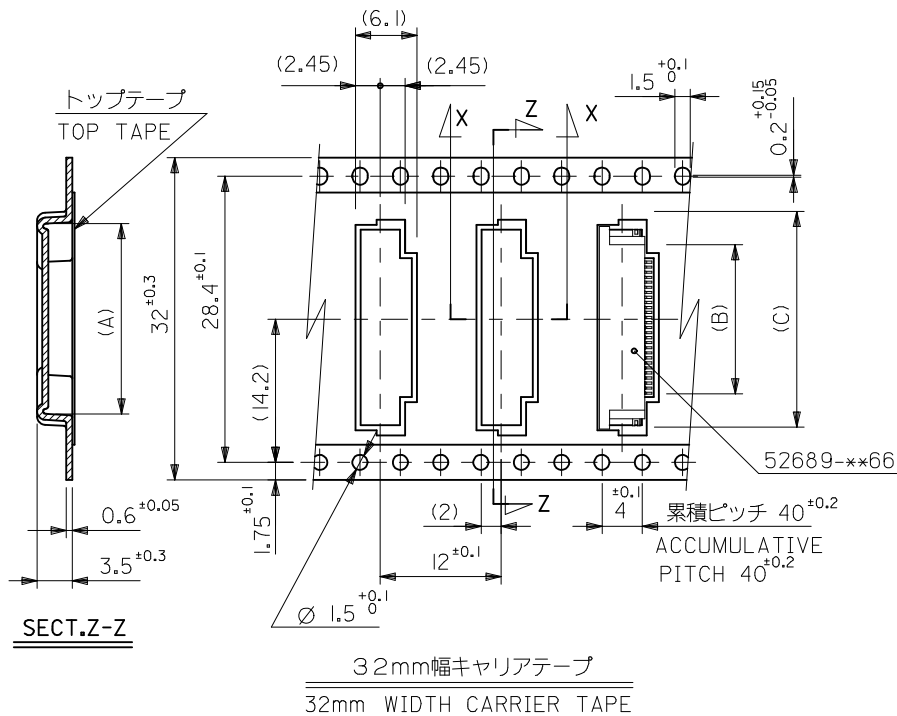
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引き出し方向 PULL OUT DIRECTION



32	37.4	33.4	22.4	15.8	21.4	52689-3075	30		
			21.4	14.8	20.4	-2875	28		
			20.4	13.8	19.4	-2675	26		
			19.9	13.3	18.9	-2575	25		
			19.4	12.8	18.4	-2475	24		
			18.9	12.3	17.9	52689-2375	23		
キャリアテープ幅 CARRIER TAPE WIDTH			E	D	(C)	(B)	(A)	MATERIAL NO.	CIRCUIT

REVISED EC NO: J2009-2061 DRWN:TKON CHKD:HMATSUMOTO 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	± ---	DRAWN BY MNABEI	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	MOLEX INCORPORATED				
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-52689-041				4 OF 4
	REV B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								