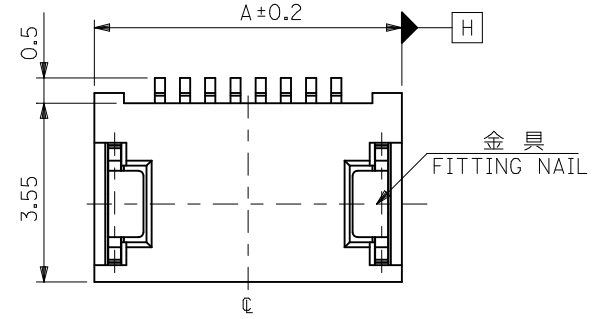
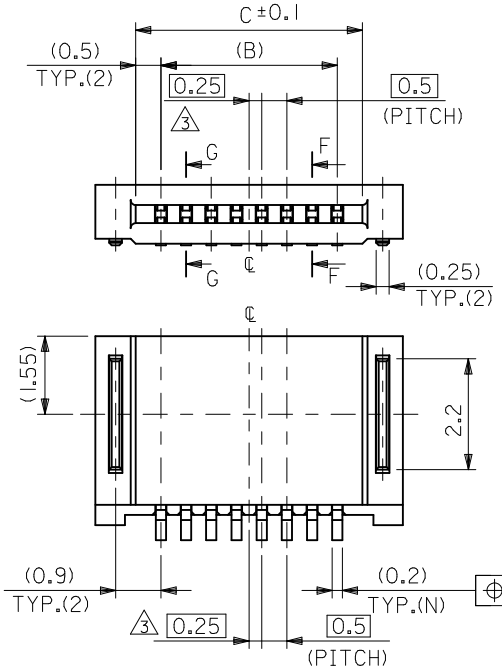
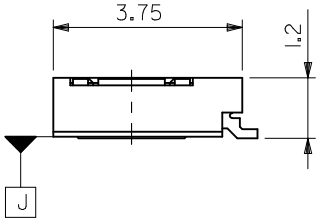
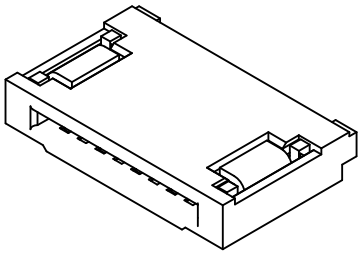
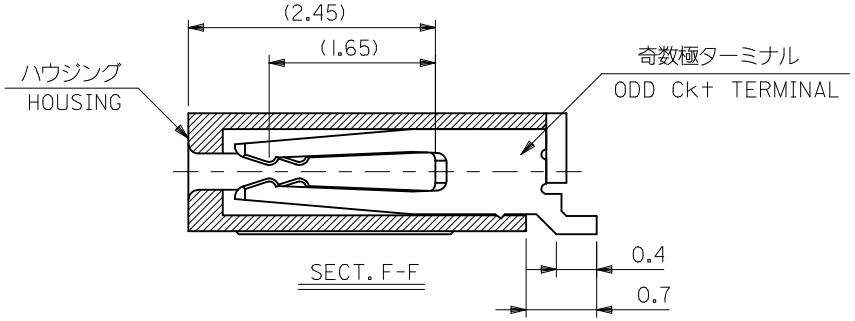




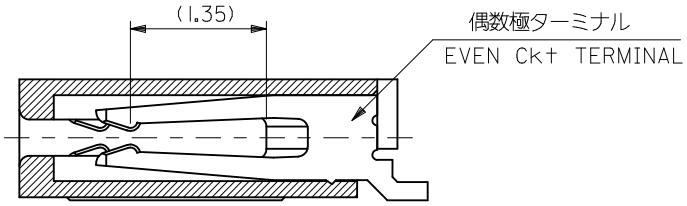




ISO VIEW（参考）



SECT. F-F



SECT. G-G

13.5	12.5	15.1	51281-2694	26
12.5	11.5	14.1	51281-2494	24
11.5	10.5	13.1	51281-2294	22
10.5	9.5	12.1	51281-2094	20
9.5	8.5	11.1	51281-1894	18
8.5	7.5	10.1	51281-1694	16
7.5	6.5	9.1	51281-1494	14
6.5	5.5	8.1	51281-1294	12
6.0	5.0	7.6	51281-1194	11
5.5	4.5	7.1	51281-1094	10
5.0	4.0	6.6	51281-0994	9
4.5	3.5	6.1	51281-0894	8
4.0	3.0	5.6	51281-0794	7
3.5	2.5	5.1	51281-0694	6
3.0	2.0	4.6	51281-0594	5
C	B	A	EMBOSSED TAPE ORDER No. オーダー番号	CIRCUIT

CONNECTOR SERIES NO. : 51281-**40

REVISED
EC NO: J2011-0538 2010/10/12
DRWN:TONO 2010/10/12
CH'KD:HIIJIMA 2010/10/13
APPR:KMORIKAWA
DESCRIPTION
REV J

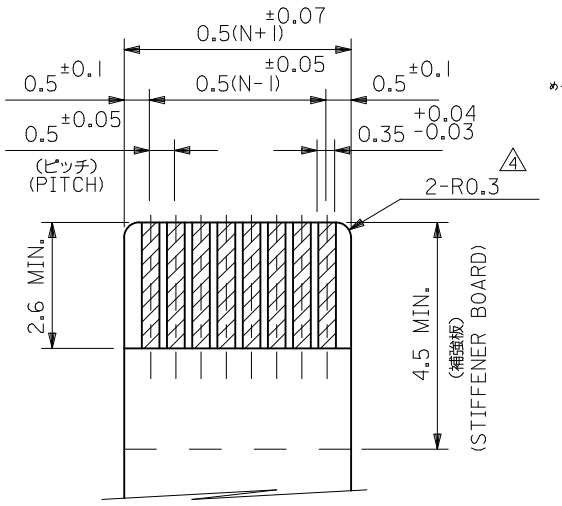
GENERAL TOLERANCES (UNLESS SPECIFIED)

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

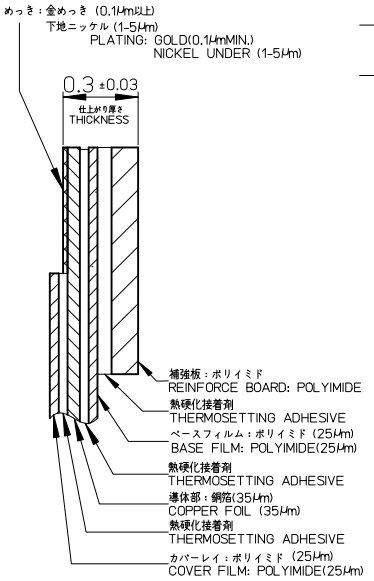
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	---
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY / DATE	KENSUZUKI 2004/10/19
CHECKED BY / DATE	NUKITA 2004/10/19
APPROVED BY / DATE	KMORIKAWA 2010/10/13
MATERIAL NO.	SEE TABLE
TITLE	0.5 FPC CONN NON-ZIF HSG ASSY (HGT=1.2MM)
	MOLEX INCORPORATED
DOCUMENT NO.	SD-51281-011
SHEET NO.	1 OF 2
SIZE	A3

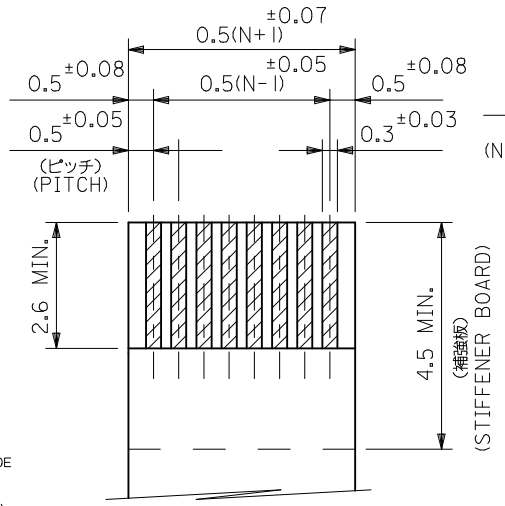
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



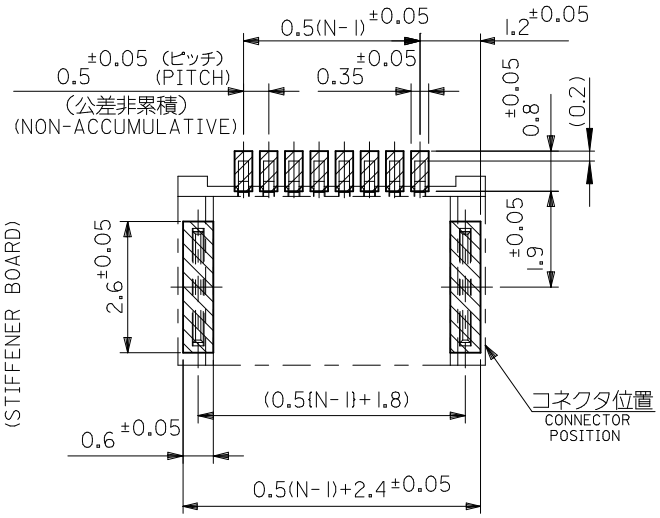
適合ＦＰＣ推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION
（仕上がり厚さ：0.3±0.03）
(THICKNESS:0.3±0.03)



FPC構成推奨仕様
STRUCTURE OF FPC



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図
RECOMMENDED P.C.BOARD LAYOUT
（マウント面）
(MOUNTING SIDE)

注記 NOTES

1. 使用材料 MATERIAL
ハウジング　：液晶ポリマー　ガラス充填　ＵＬ９４Ｖ－０
HOUSING : LIQUID CRYSTAL POLYMER (GRASS FILLED) UL94V-0
ターミナル　：リン青銅（ｔ＝０．２），ニッケル下地　コンタクト部：金メッキ　テール部：錫メッキ
TERMINAL : PHOSPHOR-BRONZE , TAIL : TIN　CONTACT : GOLD OVER NICKEL PLATING
金具　：　リン青銅（ｔ＝０．２５），ニッケル下地　純錫メッキ
FITTING NAIL : PHOSPHOR-BRONZE , PURE-TIN OVER NICKEL PLATING.

2. ソルダーテ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 J に対し、上方向　０．１ＭＡＸＩＭＵＭ　下方向　０．１５ＭＡＸＩＭＵＭ　とする。
又、相互のバラツキ量は　０．１ＭＡＸＩＭＵＭ　とする。
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM J
UPPER DIRECTION : 0.1 MAXIMUM , LOWER DIRECTION : 0.15 MAXIMUM.
OFFSET BETWEEN SOLDER TAILS AND FITTING NAILS : 0.1 MAXIMUM.

3. 偶数極に適用。
TO BE APPLIED ONLY WHEN ALL CIRCUIT ARE EVEN.

4. ＲＯ．３は、ＦＰＣの導体部にかからないこと。
RO.3 MUST NOT BE ERLAPPED TO PATTERN OF FPC.

5. ＦＰＣ／ＦＦＣについて：
打抜き方向は導体側から補強板側を推奨いたします。
導体部については軟銅箔35μｍまたは50μｍ
メッキ厚 0.1μm 以上 金メッキ（電気メッキ）
を推奨いたします。
RECOMMENDED PUNCHER DIRECTION :
FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED CONDUCTOR SPEC :
THICKNESS OF SOFT COPPER FOIL : 35 μm or 50 μm
GOLD PLATING : 0.1 μm MIN. (ELECTRICAL PLATING)

6. 本製品は５１２８１－＊＊２０の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 51281-**20.

7. 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.

8. ELV 及び RoHS 適合品.
ELV AND RoHS COMPLIANT.

REVISED
EC NO: J2011-0538
DRWN:TONO 2010/10/12
CHKD:HIJIMA 2010/10/12
APPR:KMORIKAWA 2010/10/13
DESCRIPTION
REV: J

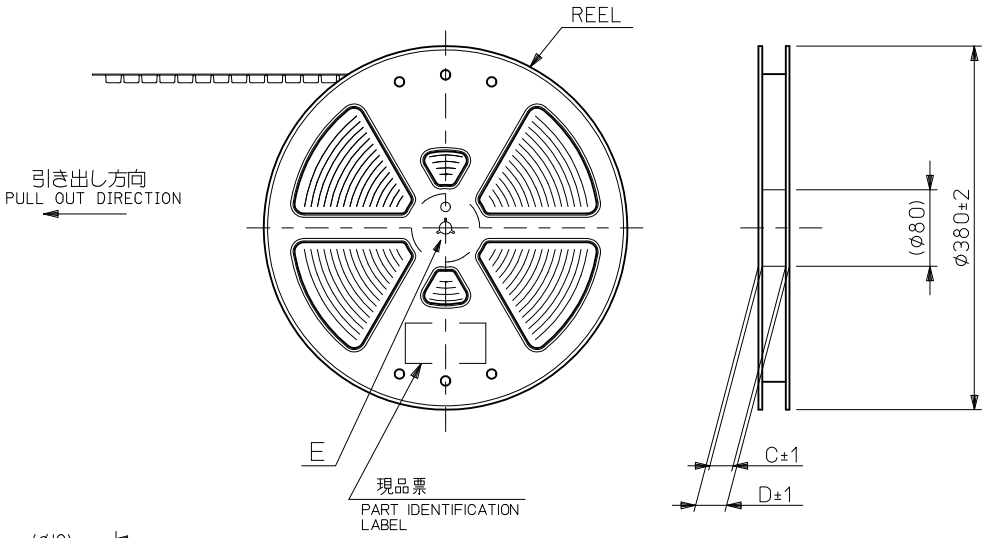
GENERAL TOLERANCES (UNLESS SPECIFIED)

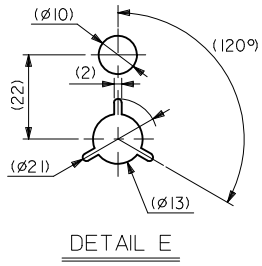
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	---
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY / DATE	KENSUZUKI 2004/10/19
CHECKED BY / DATE	NUKITA 2004/10/19
APPROVED BY / DATE	KMORIKAWA 2010/10/13
MATERIAL NO.	SEE SHEET 1 OF 2
TITLE	0.5 FPC CONN NON-ZIF HSG ASSY (HGT=1.2MM)
	MOLEX INCORPORATED
DOCUMENT NO.	SD-51281-011
SHEET NO.	2 OF 2
SIZE	A3

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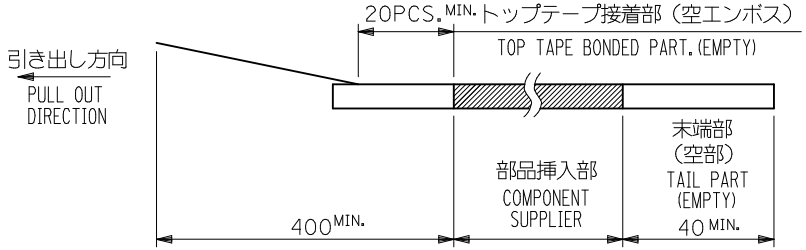




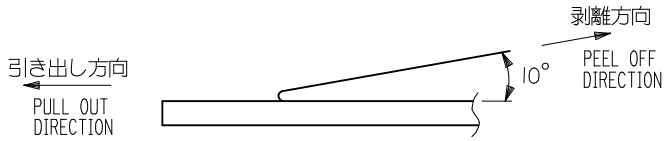
DETAIL E

NOTES

1. 製品詳細寸法については図面　SD-51281-011　を参照下さい。
   RE DETAILED DIMENSION, SEE SD-51281-011
2. 梱包数量：３０００個／リール
   NUMBER OF CONNECTORS : 3000PCS/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：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.



5. 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)〈リサイクル材含む〉
   POLYSTYRENE (PS)<RECYCLE MATERIAL CONTAINED>
6. C,D 寸法は SHEET 2 ～ 3 を参照下さい。
   SEE SHEET 2 ～ 3 (DIMENSION C,D).
7. ELV 及び RoHS 適合品.
   ELV AND RoHS COMPLIANT.

REVISED				
EC NO: J2010-2187	2010/04/30			
DRWN:TONO	2010/09/15			
CH'KD:HIIJIMA	2010/10/04			
APPR:KMORIKAWA				
DESCRIPTION				
REV				
C				

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	SCALE	DESIGN UNITS	
MM ONLY	---	METRIC	THIRD ANGLE PROJECTION

	DRAWN BY	DATE
	KENSUZUKI	2004/10/19
	CHECKED BY	DATE
	NUKITA	2004/10/19
	APPROVED BY	DATE
	NUKITA	2004/10/19

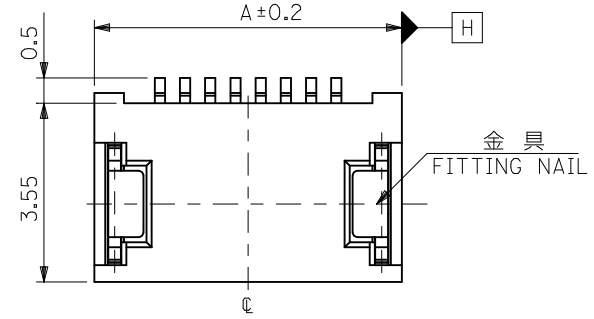
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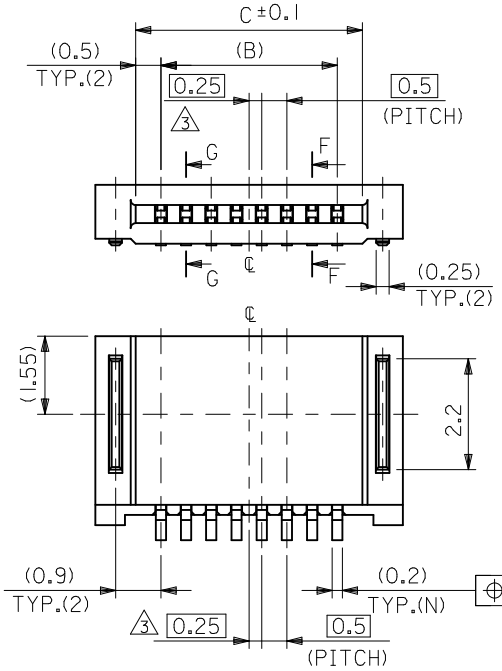
molex MOLEX INCORPORATED

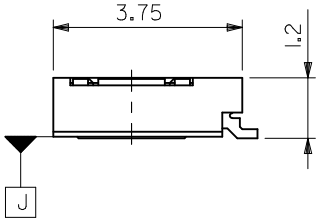
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE SHEET 2~4	SD-51281-012	1 OF 4

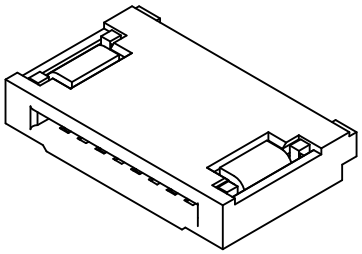
SIZE A3

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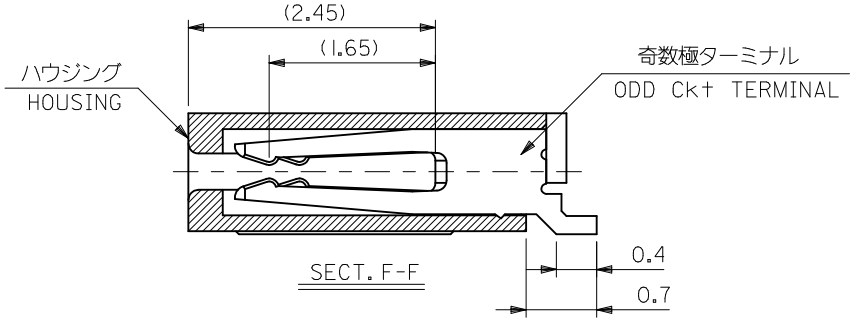




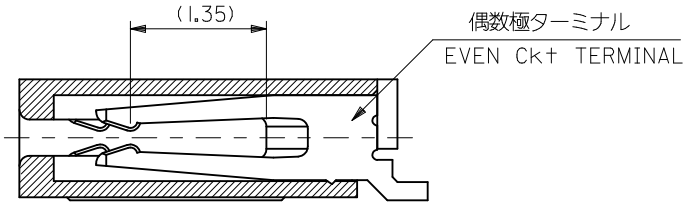




ISO VIEW（参考）



SECT. F-F



SECT. G-G

13.5	12.5	15.1	51281-2694	26
12.5	11.5	14.1	51281-2494	24
11.5	10.5	13.1	51281-2294	22
10.5	9.5	12.1	51281-2094	20
9.5	8.5	11.1	51281-1894	18
8.5	7.5	10.1	51281-1694	16
7.5	6.5	9.1	51281-1494	14
6.5	5.5	8.1	51281-1294	12
6.0	5.0	7.6	51281-1194	11
5.5	4.5	7.1	51281-1094	10
5.0	4.0	6.6	51281-0994	9
4.5	3.5	6.1	51281-0894	8
4.0	3.0	5.6	51281-0794	7
3.5	2.5	5.1	51281-0694	6
3.0	2.0	4.6	51281-0594	5
C	B	A	EMBOSSED TAPE ORDER No. オーダー番号	CIRCUIT

CONNECTOR SERIES NO. : 51281-**40

REVISED
EC NO: J2011-0538 2010/10/12
DRWN:TONO 2010/10/12
CH'KD:HIIJIMA 2010/10/13
APPR:KMORIKAWA
DESCRIPTION
REV J

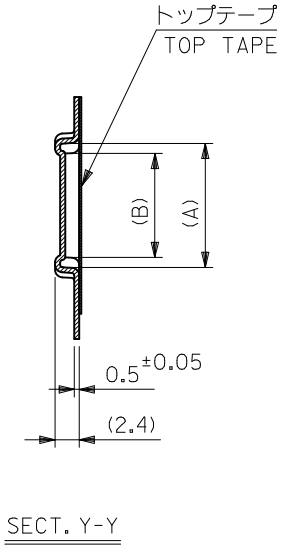
GENERAL TOLERANCES (UNLESS SPECIFIED)

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

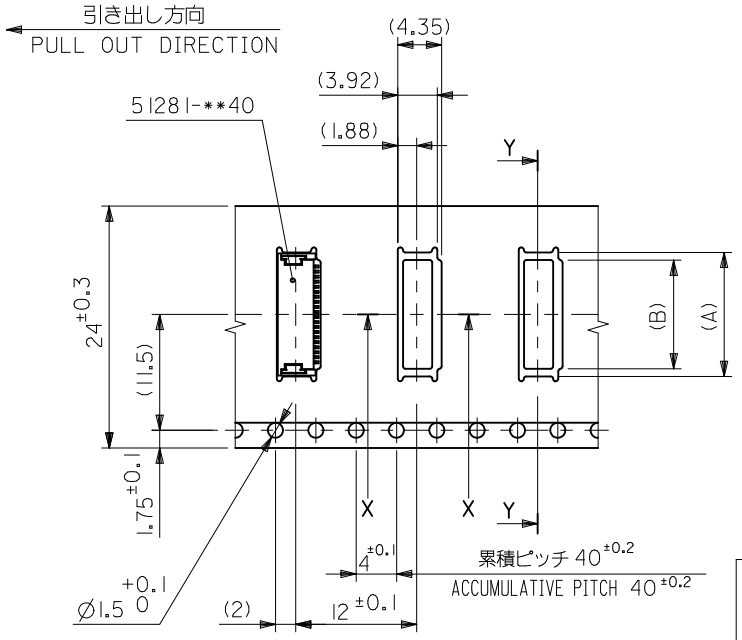
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

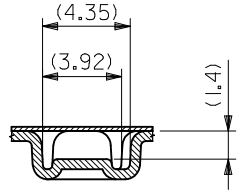
DIMENSION STYLE	MM ONLY
SCALE	---
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY / DATE	KENSUZUKI 2004/10/19
CHECKED BY / DATE	NUKITA 2004/10/19
APPROVED BY / DATE	KMORIKAWA 2010/10/13
MATERIAL NO.	SEE TABLE
TITLE	0.5 FPC CONN NON-ZIF HSG ASSY (HGT=1.2MM)
	MOLEX INCORPORATED
DOCUMENT NO.	SD-51281-011
SHEET NO.	1 OF 2
SIZE	A3

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SECT. Y-Y





SECT. X-X

24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	製品番号 MATERIAL No.	極数 CIRCUIT
24	29.4	25.4	12.3	14.3	51281-2494	24
			11.3	13.3	51281-2294	22
			10.3	12.3	51281-2094	20
			9.3	11.3	51281-1894	18
			8.3	10.3	51281-1694	16
			7.3	9.3	51281-1494	14
			6.3	8.3	51281-1294	12
			5.8	7.8	51281-1194	11
			5.3	7.3	51281-1094	10
			4.8	6.8	51281-0994	9

REVISED
EC NO: J2010-2187
DRWN:TONO 2010/04/30
CH'KD:HIIJIMA 2010/09/15
APPR:KMORIKAWA 2010/10/04
DESCRIPTION
REV C

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

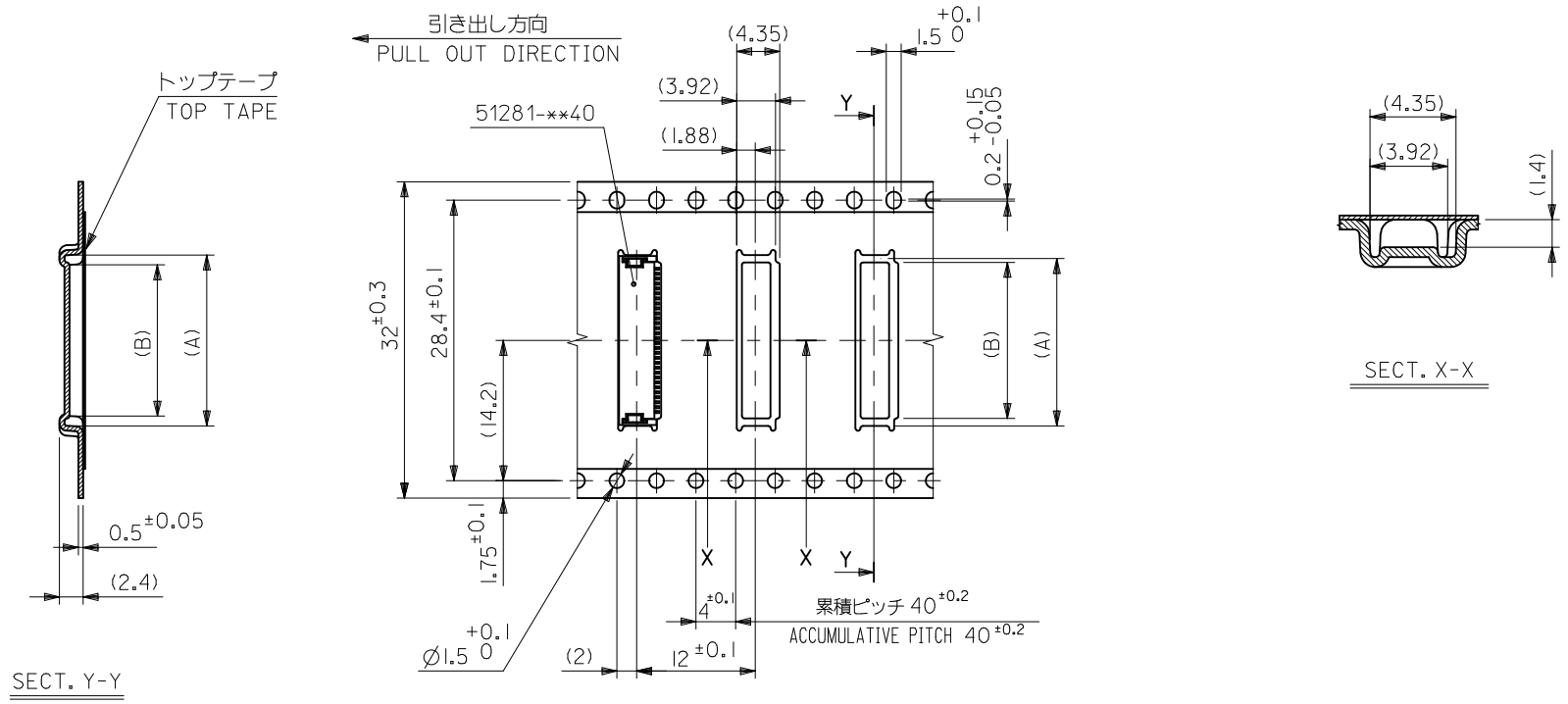
DRAWN BY	KENSUZUKI	DATE 2004/10/19
CHECKED BY	NUKITA	DATE 2004/10/19
APPROVED BY	NUKITA	DATE 2004/10/19

TITLE: 0.5 FPC CONN NON-ZIF (HGT=1.2MM) EMBSTP PKG

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-51281-012
SHEET NO.: 3 OF 4
SIZE: A3

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32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	37.4	33.4	13.3	15.3	51281-2694	26
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	製品番号 MATERIAL No.	極数 CIRCUIT

REVISED
EC NO: J2010-2187 2010/04/30
DRWN:TONO 2010/09/15
CH'KD:HIIJIMA 2010/10/04
APPR:KMORIKAWA
DESCRIPTION
REV
C

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: KENSUZUKI DATE: 2004/10/19
CHECKED BY: NUKITA DATE: 2004/10/19
APPROVED BY: NUKITA DATE: 2004/10/19

TITLE: 0.5 FPC CONN NON-ZIF (HGT=1.2MM) EMBSTP PKG

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-51281-012
SHEET NO.: 4 OF 4
SIZE: A3

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