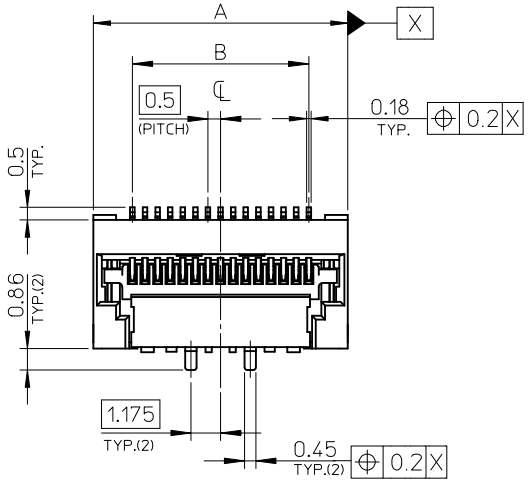
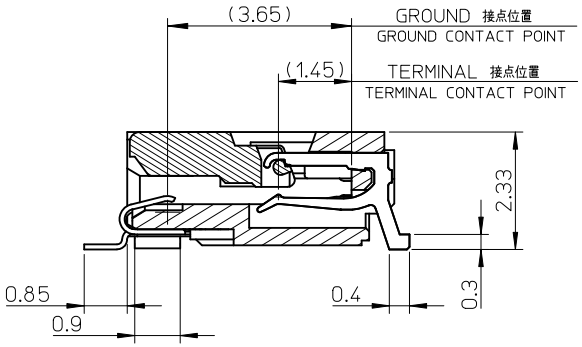
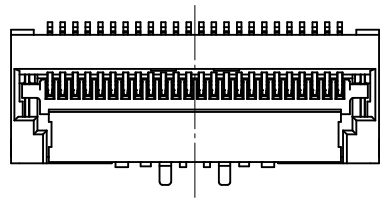
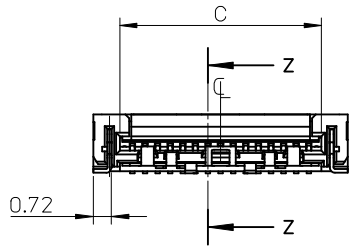


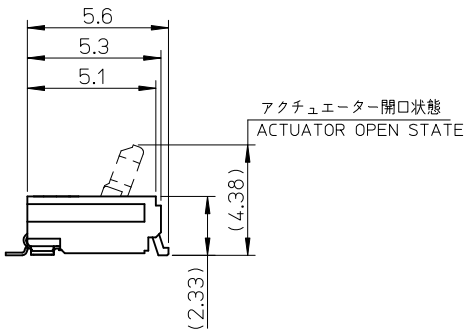


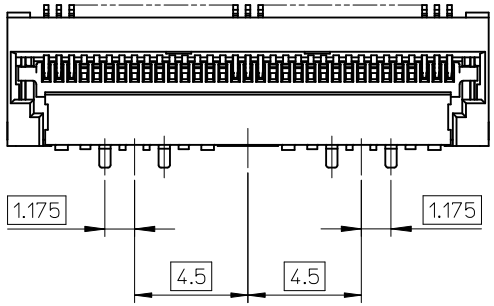
SECTION Z-Z
(Scale 10:1)



24極品形状







33極品形状

17	16	19.1	502244-3330	33
12.5	11.5	14.6	502244-2430	24
8	7	10.1	502244-1530	15
C	B	A	EMBOSSED TAPE ORDER No.	CIRCUIT

CONNECTOR SERIES No.502244-**39

REVISED
EC NO: J2010-1947 2010/03/18
DRWN:NNISHI 2010/03/18
CH'KD:NMATSUURA 2010/03/29
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: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: THANYU DATE: '06/03/10
CHECKED BY: SMARUYAMA DATE: '06/03/10
APPROVED BY: SICHIKAWA DATE: '06/03/10

TITLE: 0.5 FFC CONN. FOR LVDS HOUSING ASSY (BOTTOM CONTACT)

MOLEX INCORPORATED

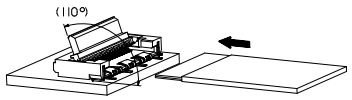
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-502244-001
SHEET NO.: 1 OF 3
SIZE: A3

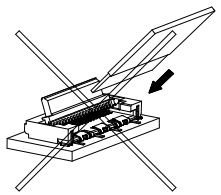
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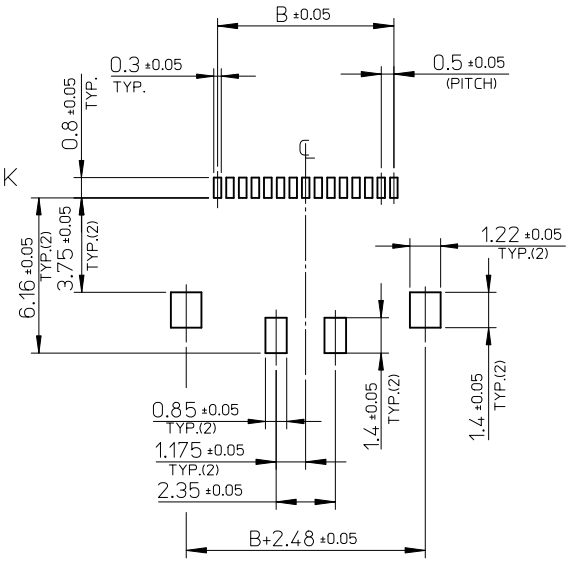
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注記 NOTES

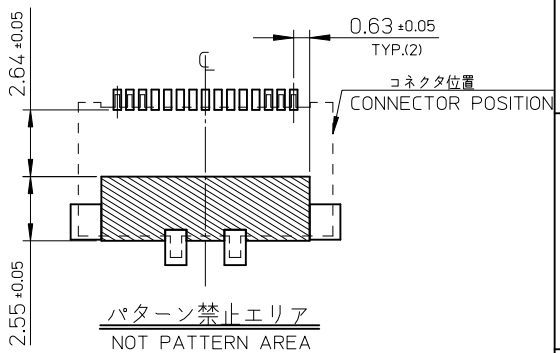
1. 使用材料 MATERIAL
   - ハウジング：液晶ポリマー（LCP），ガラス充填，UL94V-0，ナチュラル（白）
     HOUSING：LIQUID CRYSTAL POLYMER（LCP），GLASS FILLED ，UL94V-0，NATURAL（WHITE）
   - アクチュエーター ACTUATOR
     （15，33極）：ポリアミド（PA），ガラス充填，UL94V-0，黒
     （24極）：ポリフェニレンスルファイド（PPS），ガラス充填，UL94V-0，黒
     （15，33CKT）：POLYAMIDE（PA），GLASS FILLED ，UL94V-0，BLACK
     （24CKT）：POLYPHENYLENESULFIDE（PPS），GLASS FILLED ，UL94V-0，BLACK
   - ターミナル：燐青銅
     TERMNAL:PHOSPHOR BRONZE
   - ネイル：燐青銅
     NAIL:PHOSPHOR BRONZE
   - グランド：燐青銅
     GROUND:PHOSPHOR BRONZE
2. メッキ仕様
   PLATING SPECIFICATION
   - ターミナルコンタクト部：部分金メッキ（0.1μm以上）
     TERMNAL CONTACT:SEPARATED GOLD PLATING（0.1μmMIN.）
   - ターミナルテール部：部分金メッキ（0.05μm以上）
     TERMNAL TAIL:SEPARATED GOLD PLATING（0.05μmMIN.）
   - ターミナル下地：ニッケルメッキ（1.0μm以上）
     TERMNAL UNDERPLATE:NICKEL PLATING（1.0μmMIN.）
   - ネイル：錫メッキ（1.0μm以上）
     NAIL:TIN PLATING（1.0μmMIN.）
   - ネイル下地：ニッケルメッキ（1.0μm以上）
     NAIL UNDERPLATE:NICKEL PLATING（1.0μmMIN.）
   - グランド：錫メッキ（1.0μm以上）
     GROUND:TIN PLATING（1.0μmMIN.）
   - グランド下地：ニッケルメッキ（1.0μm以上）
     GROUND UNDERPLATE:NICKEL PLATING（1.0μmMIN.）
3. エンボステープ梱包時は、アクチュエーターが閉じた状態とする。
   IN THE PACKAGE,ACTUATOR SHOULD BE CLOSED.
4. 使用するFFCはターミナル用パターン導体部とグランドターミナル用パターン導体部が重ならないこと。
   FFC IS NOT OVER LAP PATTERN OF TERMINAL AND GROUND TERMINAL.
5. FFCの挿入はアクチュエーターが完全に開いた状態で行い、挿入口より真っ直ぐハウジングに突き当たるまで挿入してください。
   DO WITH THE ACTUATOR OPENED COMPLETELY, AND INSERT IT IN THE INTERIOR OF THE INSERTION ENTRNCE SURELY WHEN YOU INSERT FFC.
6. ELV AND RoSH COMPLIANT.

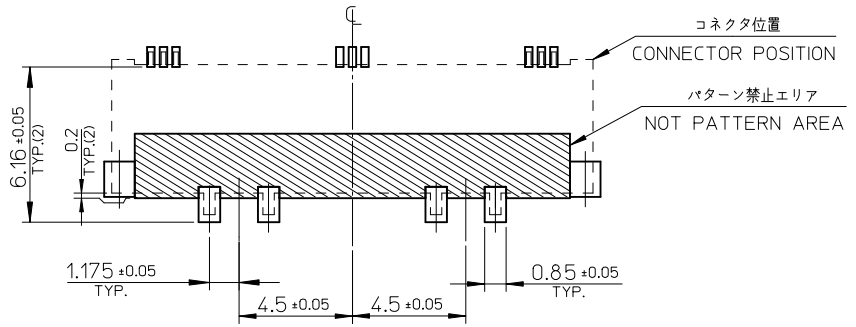






PATTERN LAYOUT
(FOR 15,24CIRCUIT)





PATTERN LAYOUT
(FOR 33CIRCUIT)

REVISED				
EC NO: J2010-1947	DRWN:NNISHI	2010/03/18	C	
	CH'KD:NMATSUURA	2010/03/18		
	APPR:KMORIKAWA	2010/03/29		

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

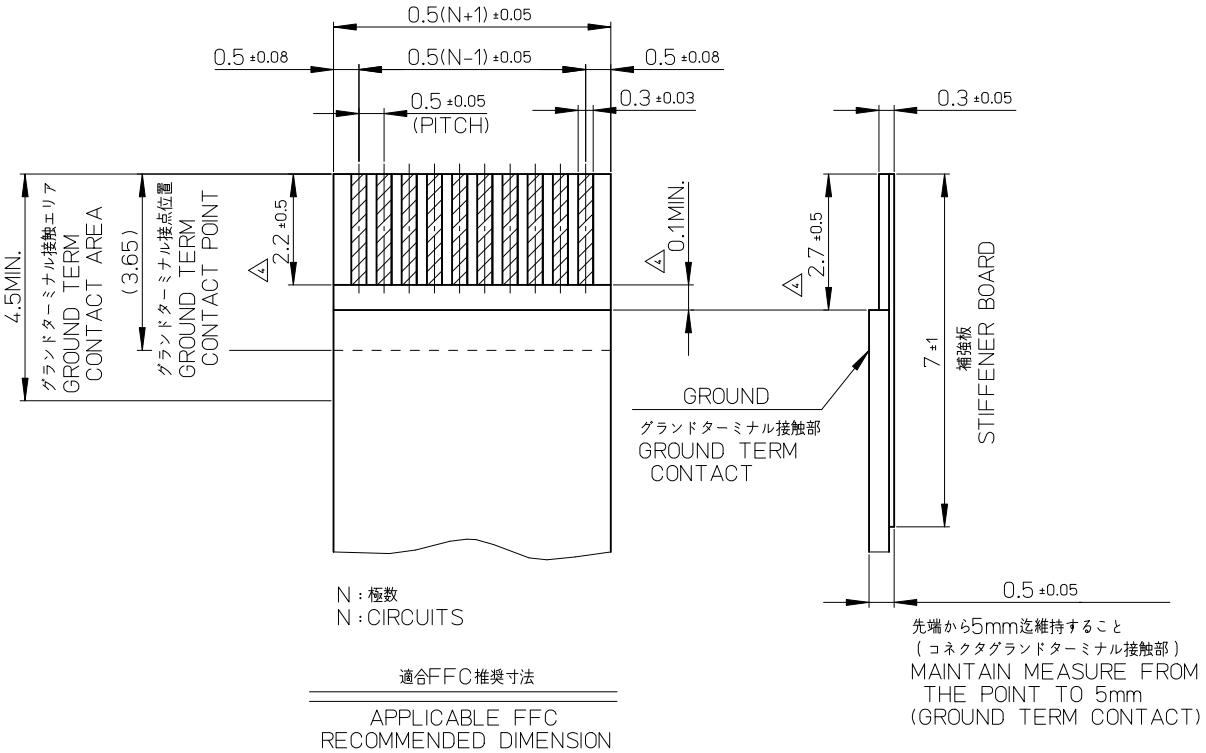
DIMENSION STYLE	SCALE	DESIGN UNITS	
MM ONLY	5:1	METRIC	THIRD ANGLE PROJECTION

DRAWN BY THANYU	DATE '06/03/10	TITLE: 0.5 FFC CONN. FOR LVDS HOUSING ASSY (BOTTOM CONTACT)
CHECKED BY SMARUYAMA	DATE '06/03/10	
APPROVED BY SICHIKAWA	DATE '06/03/10	molex MOLEX INCORPORATED
MATERIAL NO. SEE SHEET 1		DOCUMENT NO. SD-502244-001 / SHEET NO. 2 OF 3

SIZE A3

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FFCについて：
抜き方向は導体側から補強板側を推奨致します．
導体部については、軟銅箔：35マイクロメーター又は50マイクロメーター
金めっきを推奨致します．

ABOUT FFC:
RECIMMENDED PUNCHER DIRECTION :
FROM CONDUCTOR SIDE TO STIFFENER FILM SIDE
RECIMMENDED CONDUCTOR SPEC :
THICKNESS OF SOFT COPPER : 35 MICROMETER OR 50 MICROMETER
GOLD PLATING

REVISED
EC NO: J2010-1947
DRWN:NNISHI 2010/03/18
CH'KD:NMATSUURA 2010/03/18
APPR:KMORIKAWA 2010/03/29
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

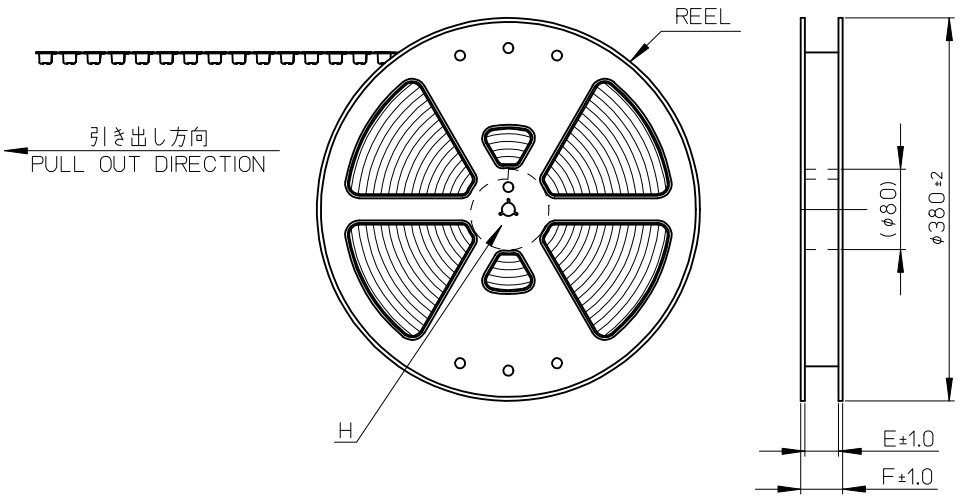
DIMENSION STYLE	MM ONLY
SCALE	5:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	THANYU
DATE	'06/03/10
CHECKED BY	SMARUYAMA
DATE	'06/03/10
APPROVED BY	SICHIKAWA
DATE	'06/03/10
MATERIAL NO.	SEE SHEET 1
DOCUMENT NO.	SD-502244-001
SHEET NO.	3 OF 3
SIZE	A3

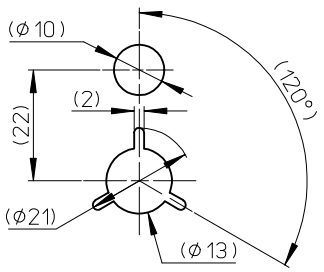
TITLE: 0.5 FFC CONN. FOR LVDS HOUSING ASSY (BOTTOM CONTACT)

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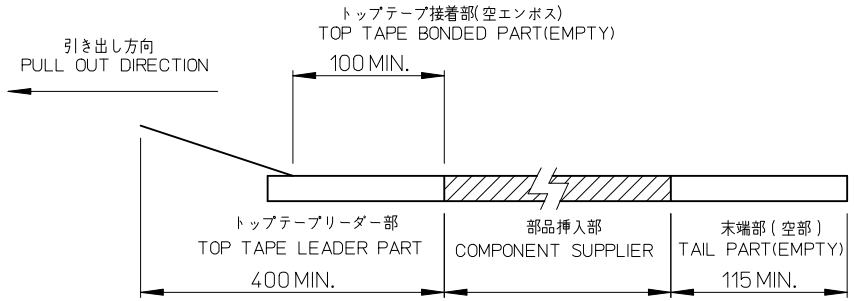
DETAIL H

NOTES

1.製品詳細寸法につきましては、 製品単体図面を参照して下さい.
FOR DETAIL OF CONNECTOR DIMENSIONS.
PLEASE SEE THE DRAWING OF CONNECTOR ITSELF(NOT PACKAGED).

2.梱包数量:2500個/リール
NUMBER OF CONNECTORS : 2500PCS/REEL

3.リードテープの長さ
LEAD TAPE LENGTH



4.材料
MATERIAL
キャリアテープ : ポリスチレン (PS)
CARRIER TAPE : POLYSTYRENE (PS)
トップテープ : PET, OTHER
TOP TAPE : PET, OTHER
リール : ポリスチレン (リサイクル材を含む)
REEL : POLYSTYRENE (RECYCLE MATERIAL CONTAINED)

5.ELV AND RoHS COMPLIANT

REVISED
EC NO: J2009-1513 2008/12/11
DRWN:MTAKASAKI 2008/12/12
CH'KD:MHAYASHI 2008/12/12
APPR:NUKITA 2008/12/12
DESCRIPTION
REV B

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR ±1 °	

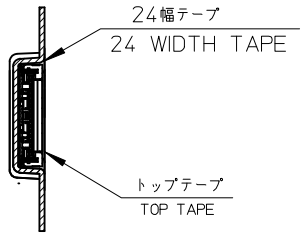
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	---
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY / DATE	NNISHI '06/5/22
CHECKED BY / DATE	SMARUYAMA '06/5/22
APPROVED BY / DATE	SICHIKAWA '06/5/22
TITLE	0.5 FFC CONN.FOR LVDS HOUSING ASSY EMBSTP PKG
	MOLEX INCORPORATED
MATERIAL NO.	SEE SHEET 2
DOCUMENT NO.	SD-502244-002
SHEET NO.	1 OF 3
SIZE	A3

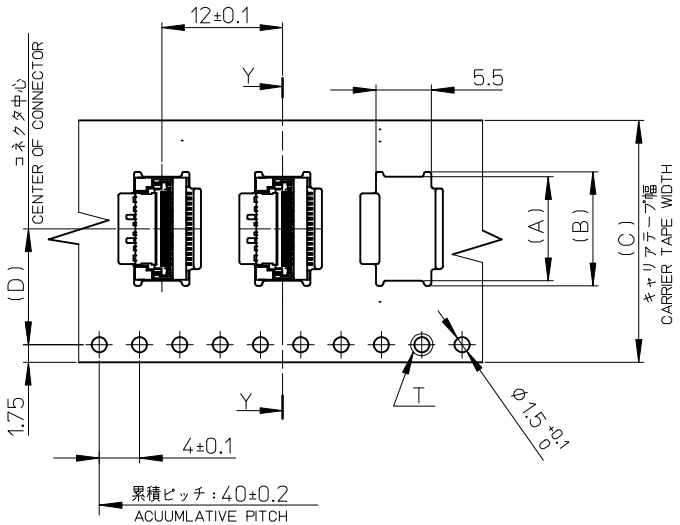
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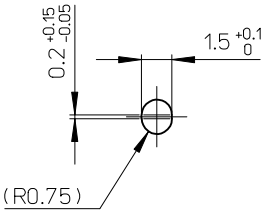
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引き出し方向
PULL OUT DIRECTION



断面Y-Y
SECTION Y-Y





T部詳細
DETAIL T

(F)	(E)	(D)	(C)	(B)	(A)	製品単体 CONNECTOR	製品番号 MATERIAL NO.	極数 CIRCUITS
29.4	25.4	11.5	24	15.8	14.8	502244-2439	502244-2430	24
				11.3	10.3	502244-1539	502244-1530	15

REVISED
EC NO: J2009-1513 2008/12/11
DRWN:MTAKASAKI 2008/12/12
CH'KD:MHAYASHI 2008/12/12
APPR:NUKITA 2008/12/12
DESCRIPTION
REV
B

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: NNISHI DATE: '06/5/22
CHECKED BY: SMARUYAMA DATE: '06/5/22
APPROVED BY: SICHIKAWA DATE: '06/5/22

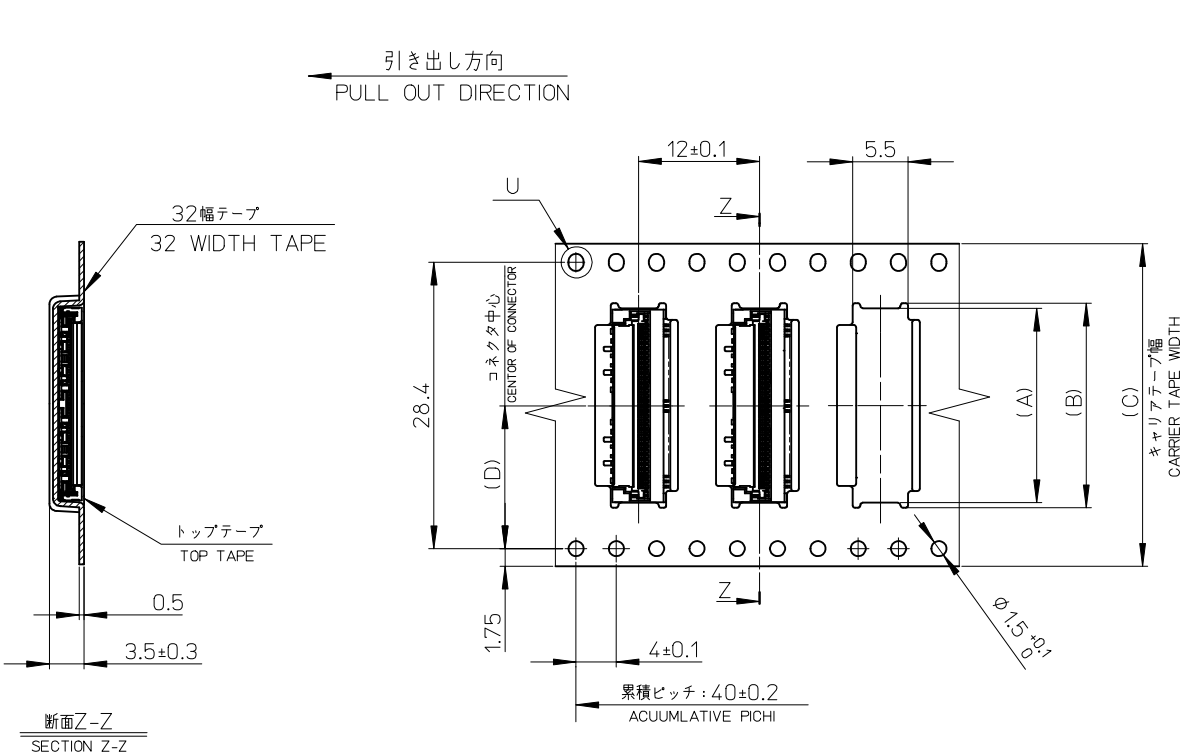
TITLE: 0.5 FFC CONN.FOR LVDS HOUSING ASSY EMBSTP PKG

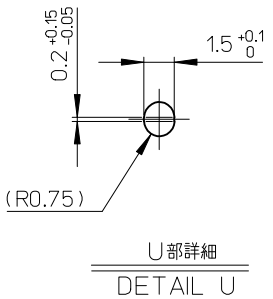
molex MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-502244-002
SHEET NO.: 2 OF 3
SIZE: A3

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37.4	33.4	14.15	32	20.3	19.3	502244-3339	502244-3330	33
F	E	(D)	(C)	(B)	(A)	製品単体 CONNECTOR	製品番号 MATERIAL NO.	極数 CIRCUITS

REVISED
EC NO: J2009-1513 2008/12/11
DRWN:MTAKASAKI 2008/12/12
CH'KD:MHAYASHI 2008/12/12
APPR:NUKITA 2008/12/12
DESCRIPTION
B
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

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DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: NNISHI DATE: '06/5/22
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TITLE: 0.5 FFC CONN.FOR LVDS HOUSING ASSY EMBSTP PKG

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MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-502244-002
SHEET NO.: 3 OF 3
SIZE: A3

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