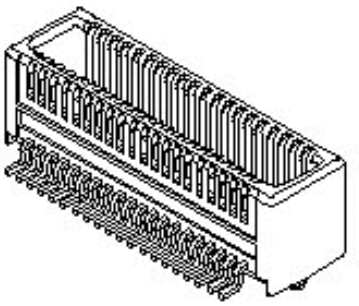
This document was generated on 05/27/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0553391208
Status: Active
Overview: slimstack_mm016_pitch
Description: 0.40mm (.016") Pitch Board-to-Board SlimStack™ Plug, Surface Mount, Dual Row, Vertical Stacking, 4.00mm (.157") Stacking Height, 120 Circuits



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-54477-008 (PDF)
- RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	55339
Application	Board-to-Board
Overview	slimstack_mm016_pitch
Product Name	SlimStack™

Physical

Breakaway	No
Circuits (Loaded)	120
Circuits (maximum)	120
Color - Resin	Brown
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height (in)	0.157 In
Mated Height (mm)	4.00 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.016 In
Pitch - Mating Interface (mm)	0.40 mm
Plating min: Mating (µin)	10
Plating min: Mating (µm)	0.25
Plating min: Termination (µin)	2
Plating min: Termination (µm)	0.05
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-25°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	30V

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-55339-001

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Halogen-Free

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

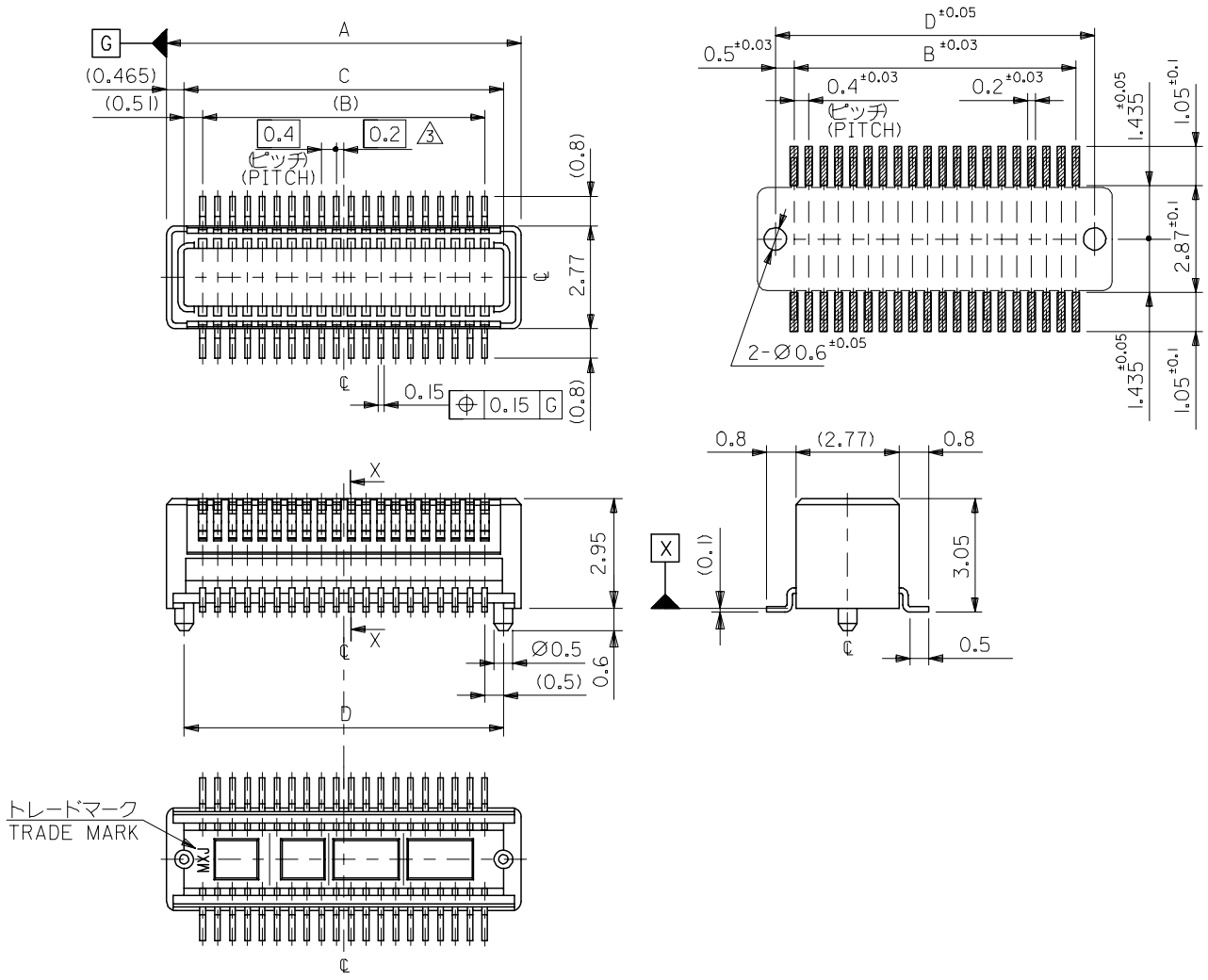
Search Parts in this Series
55339Series

Mates With
54477 Board-to-Board SlimStack™ Receptacle

Product Specification	PS-54477-008, RPS-54477-018, RPS-54477-019, RPS-54684-008
Sales Drawing	SD-55339-003, SD-55339-004

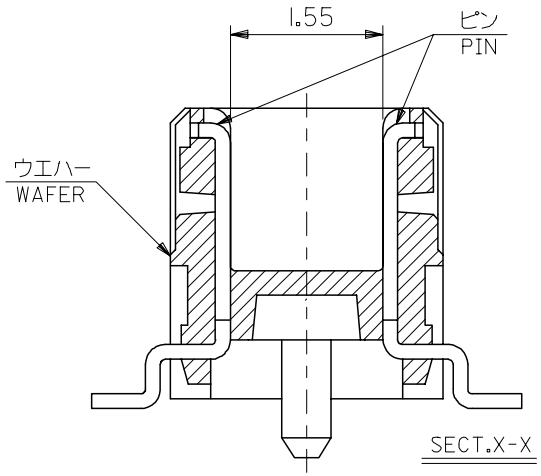
This document was generated on 05/27/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



参考基板レイアウト（マウント面）

RECOMMENDED P.C.BOARD
PATTERN DIMENSION.(REF.)
(MOUNTING AREA)



D	C	B	A	MATERIAL NO.	CIRCUIT
24.6	24.62	23.6	25.55	55339-1207	120
18.6	18.62	17.6	19.55	55339-0907	90
16.6	16.62	15.6	17.55	55339-0807	80
12.6	12.62	11.6	13.55	55339-0607	60

MODEL NO. 55339-***7

REVISED
EC NO: J2005-3657 2005/08/19
DRWN:KSASAKI 2005/08/19
CHKD:THIRATA 2005/08/24
APPR:THIRATA
DESCRIPTION
REV
G

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: M.HAYASHI DATE: 1998/08/28
CHECKED BY: T.ITO DATE: 2000/10/23
APPROVED BY: M.FUKUSHIMA DATE: 2000/10/23
MATERIAL NO.: SEE CHART

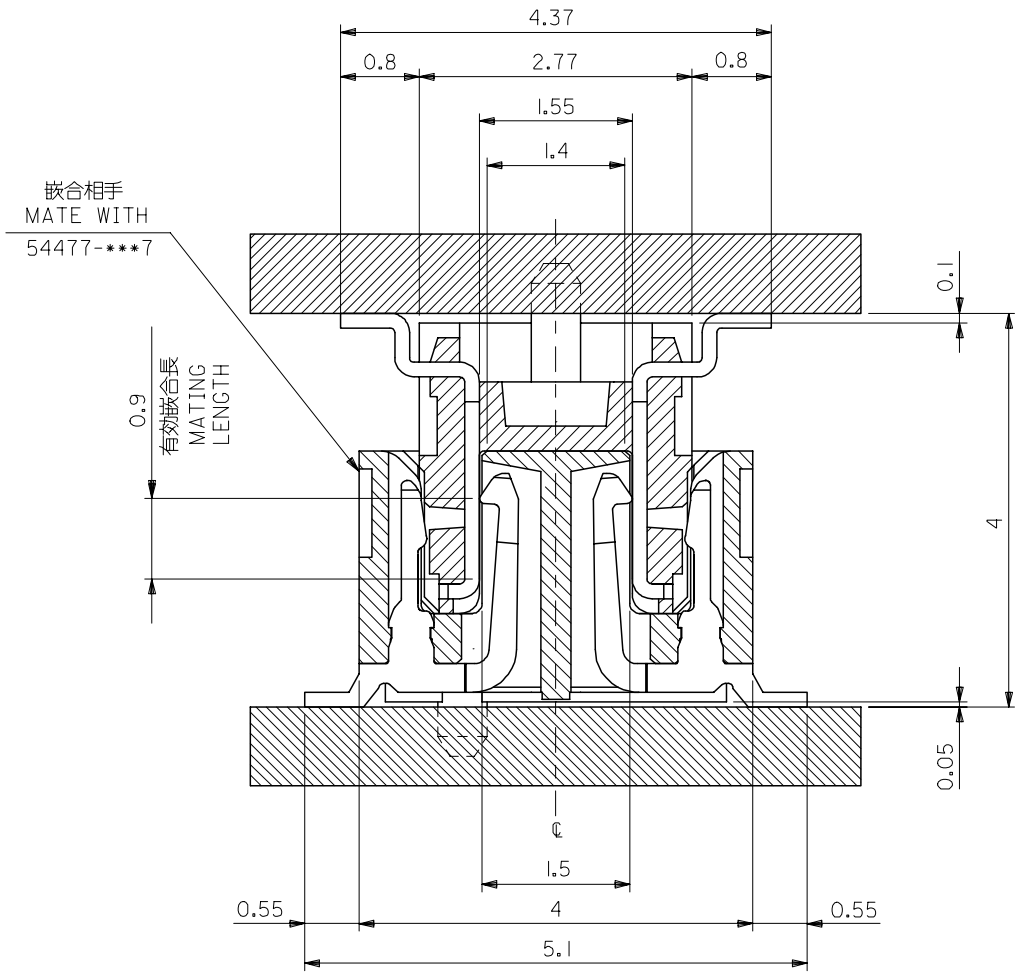
TITLE: 0.4 MM B-TO-B CONN PLUG ASSY (HGT=4MM)

MOLEX INCORPORATED

DOCUMENT NO.: SD-55339-003
SHEET NO.: 1 OF 2

SIZE A3

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嵌合断面図（参考）
MATED DRAWING (REF.)

注記 NOTES:

1. 使用材料 MATERIAL
   ウエハー：液晶ポリマー　ガラス充填 UL94V-0 茶色
   WAFER:LIQUID CRYSTAL POLYMER
   GLASS FILLED UL94V-0
   COLOR BROWN
   ピン：リン青銅（t＝0.15）
   PIN:PHOSPHOR BRONZE(t=0.15)
2. メッキ仕様 PLATING
   金メッキ 0.25 マイクロメートル以上（コンタクト部）
   GOLD 0.25MICROMETER MINIMUM(CONTACT AREA)
   金メッキ 0.4 マイクロメートル以下（テール部）
   GOLD 0.4MICROMETER MAXIMUM(TAIL AREA)
   下地メッキ：ニッケルメッキ 1.5 マイクロメートル以上
   UNDER PLATING : NICKEL 1.5MICROMETER MINIMUM
3. （全極数／2）＝偶数の場合に適用。
   APPLY FOR (CIRCUIT/2)=EVEN.
4. 嵌合相手：54477 シリーズ
   MATE WITH : 54477 SERIES.
5. テール平坦度は、0.08MAX。
   TAIL COPLANARITY TO BE 0.08MAX.
   又、テール半田付け面の位置はウエハーの底面 [X] に対し
   上方向に0、下方向に0.15MAX。とする。
   MISALIGNMENT OF SOLDER TAILS FROM [X]
   : UPPER DIRECTION 0
   : LOWER DIRECTION 0.15 MAX.

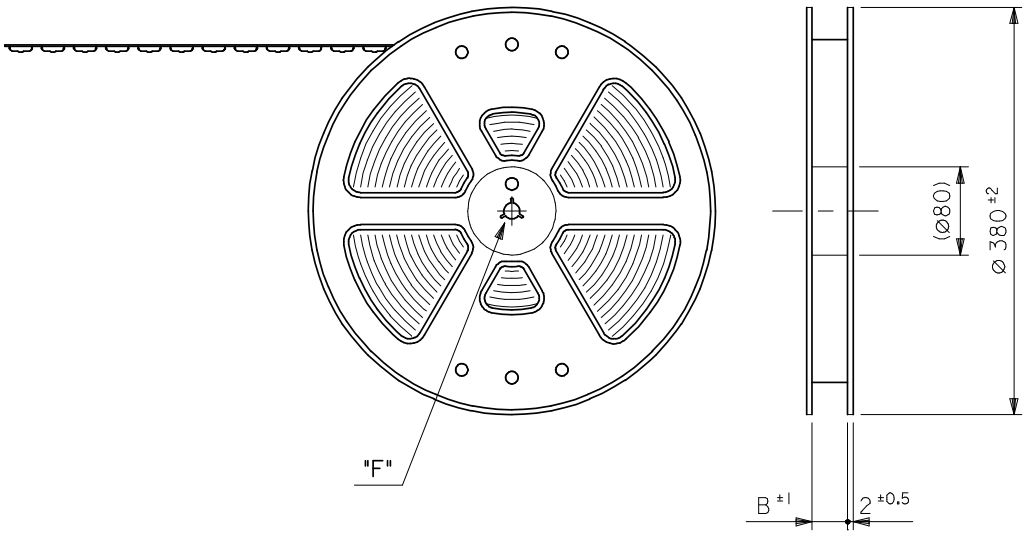
REVISED				REV
EC NO: J2005-3657	2005/08/19	DESCRIPTION		G
DRWN:K.SASAKI	2005/08/19			
CHKD:T.HIRATA	2005/08/24			
APPR:T.HIRATA				

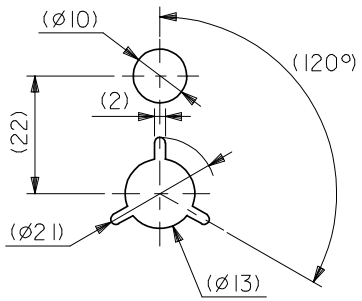
GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: M.HAYASHI	DATE: 1998/08/28	TITLE: 0.4 MM B-TO-B CONN PLUG ASSY (HGT=4MM)	
CHECKED BY: T.ITO	DATE: 2000/10/23		
APPROVED BY: M.FUKUSHIMA	DATE: 2000/10/23	molex MOLEX INCORPORATED	
MATERIAL NO.: SEE CHART		DOCUMENT NO.: SD-55339-003	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		

引き出し方向
PULL OUT
DIRECTION

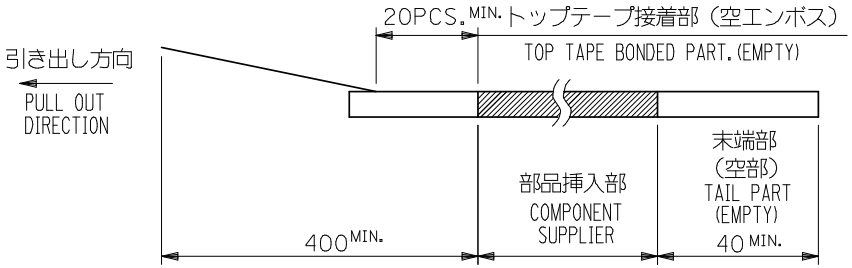




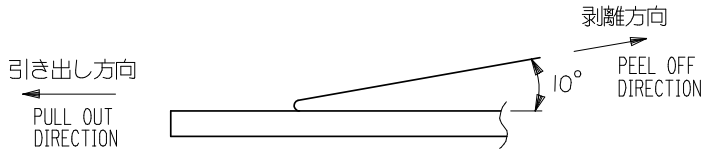
DETAIL "F"

NOTES

1. 製品詳細寸法については図面 SD-55339-003 を参照下さい。
   RE DETAILED DIMENSION, SEE SD-55339-003
2. 梱包数量：１５００個／リール
   NUMBER OF CONNECTORS : 1500PCS/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 ～ 0.7N(10.2gf ～ 71.4gf)
   （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 ～0.7N(10.2gf ～ 71.4gf)
   (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）<リサイクル材を含む>
   POLYSTYREN(PS) <RECYCLE MATERIAL CONTAINED>

MODEL NO. 55339-***8

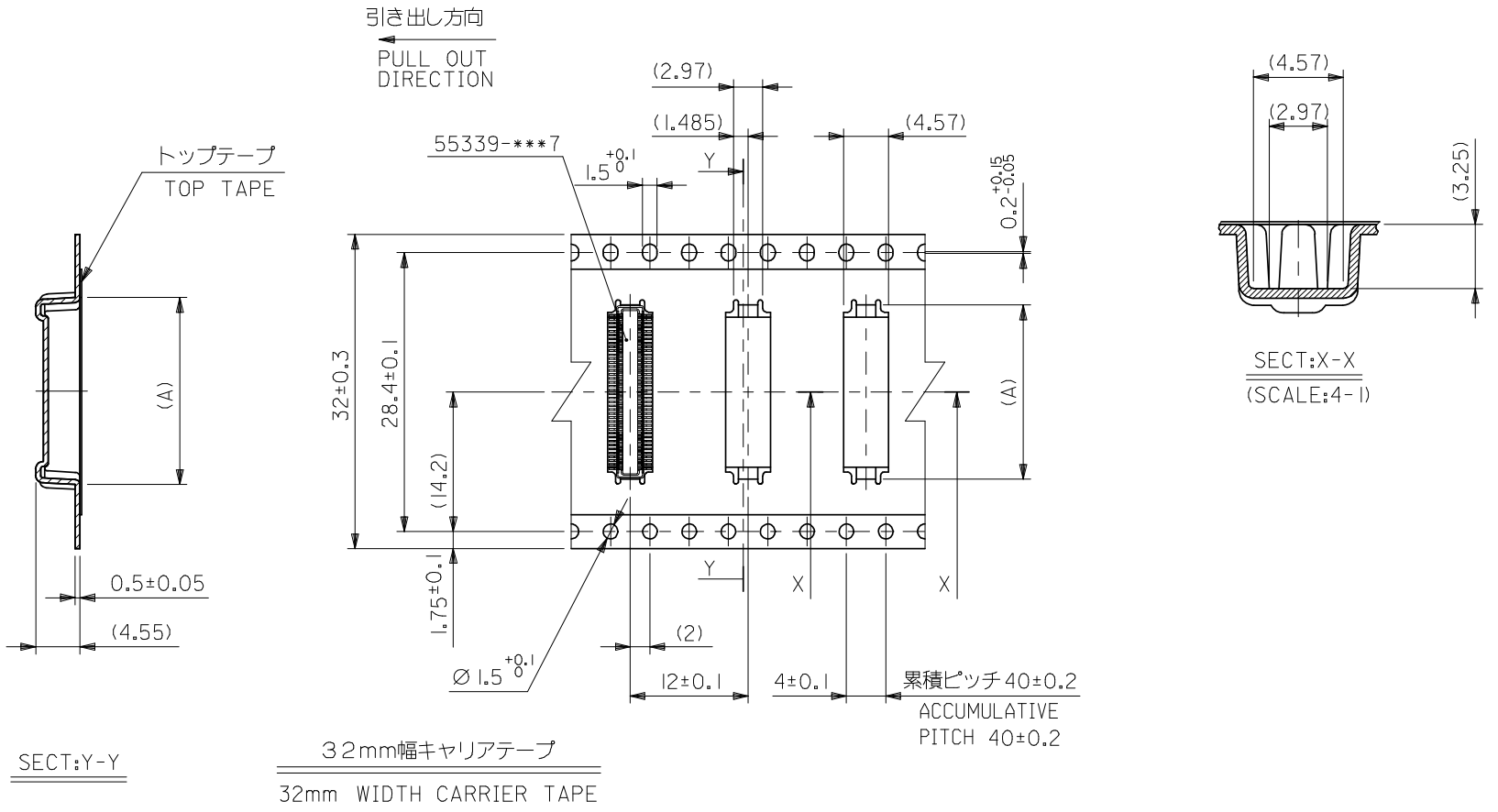
REVISED				
EC NO: J2008-3743	2008/05/12	DRWN:K.INOSHITAA	2008/05/13	
CH'KD:T.HARUYAMA	2008/06/26	APPR:NUKITA		
REV: D		DESCRIPTION		

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	M.HAYASHI
DATE	1998/08/28
CHECKED BY	T.ITO
DATE	2001/02/21
APPROVED BY	M.FUKUSHIMA
DATE	2001/02/21
TITLE	0.4 BTB CONN PLUG ASSY HGT=4 EMBSTP PKG
	MOLEX INCORPORATED
MATERIAL NO.	SEE TABLE
DOCUMENT NO.	SD-55339-004
SHEET NO.	1 OF 3
SIZE	A3

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SECT:Y-Y

32mm幅キャリアテープ

32mm WIDTH CARRIER TAPE

SECT:X-X

(SCALE:4-1)

32	33.5	17.75	55339-0808	80
		13.75	55339-0608	60
キャリアテープ幅 CARRIER TAPE WIDTH	B	(A)	MATERIAL NO.	極数 CKT.
MODEL NO.	55339-***8			

REVISED
EC NO: J2008-3743 2008/05/12
DRWN:K.INOSHITAA 2008/05/13
CH'KD:T.HARUYAMA 2008/06/26
APPR:NUKITA

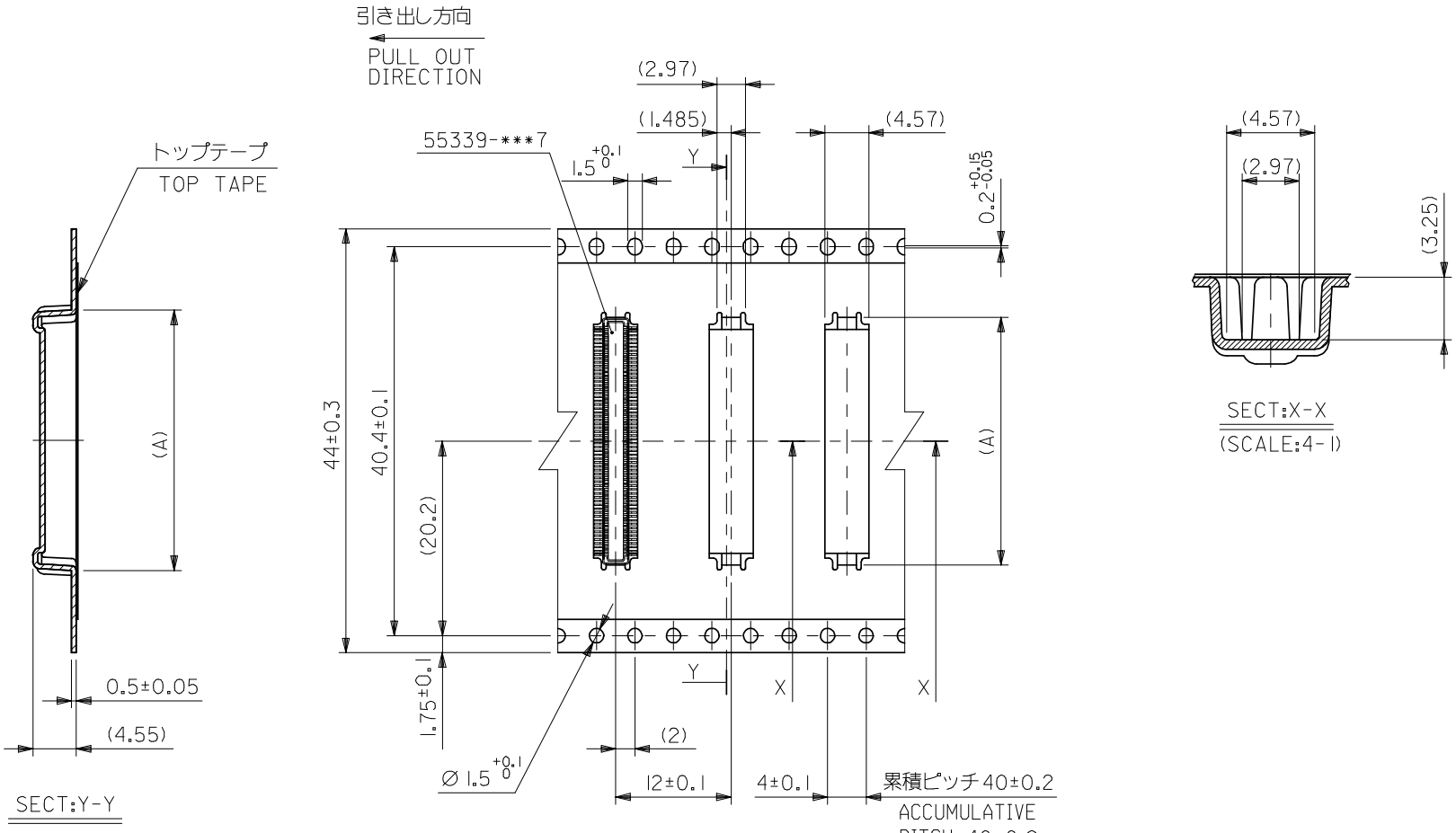
DESCRIPTION	REV
	D

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: M.HAYASHI DATE: 1998/08/28	TITLE: 0.4 BTB CONN PLUG ASSY HGT=4 EMBSTP PKG		
CHECKED BY: T.ITO DATE: 2001/02/21			
APPROVED BY: M.FUKUSHIMA DATE: 2001/02/21	molex MOLEX INCORPORATED		
MATERIAL NO.: SEE TABLE	DOCUMENT NO.: SD-55339-004	SHEET NO.: 2 OF 3	
SIZE: A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



44	45.5	25.75	55339-1208	120
キャリアテープ幅 CARRIER TAPE WIDTH	B	(A)	MATERIAL NO.	極数 CKT.
MODEL NO.	55339-***8			

REVISED
EC NO: J2008-3743 2008/05/12
DRWN:K.INOSHITAA 2008/05/13
CH'KD:T.HARUYAMA 2008/06/26
APPR:NUKITA 2008/06/26
DESCRIPTION
REV D

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	M.HAYASHI 1998/08/28
CHECKED BY / DATE	T.ITO 2001/02/21
APPROVED BY / DATE	M.FUKUSHIMA 2001/02/21
TITLE	0.4 BTB CONN PLUG ASSY HGT=4 EMBSTP PKG
	MOLEX INCORPORATED
MATERIAL NO.	SEE TABLE
DOCUMENT NO.	SD-55339-004
SHEET NO.	3 OF 3
SIZE	A3

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