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Part Number: [0533531871](#)
Status: **Active**
Description: 0.80mm (.031") Pitch Header, Surface Mount, Dual Row, Vertical Stacking, 7.00 and 8.00mm (.276 and .315") Stacking Heights, Lead-free, 18 Circuits

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-52465-010 \(PDF\)](#)
[Product Specification PS-52588-032 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family PCB Headers
Series [53353](#)
Application Board-to-Board
Product Name N/A

Physical

Breakaway No
Circuits (Loaded) 18
Circuits (maximum) 18
Durability (mating cycles max) 30
Glow-Wire Compliant No
Lock to Mating Part None
Mated Height (in) 0.276 In, 0.315 In
Mated Height (mm) 7.00 mm, 8.00 mm
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention None
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface (in) 0.031 In
Pitch - Mating Interface (mm) 0.80 mm
Polarized to PCB No
Stackable No
Temperature Range - Operating -20°C to +105°C
Termination Interface: Style Surface Mount

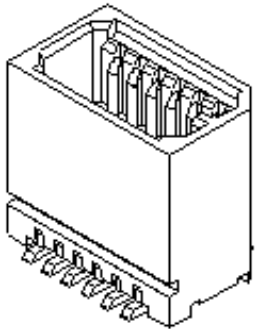
Electrical

Current - Maximum per Contact 0.5A
Voltage - Maximum 50V

Material Info

Reference - Drawing Numbers

Product Specification PS-52465-010, PS-52588-032, RPS-52465-042, RPS-52465-044
Sales Drawing SD-53353-003, SD-53353-004



Series
image - Reference only

EU RoHS

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

China RoHS



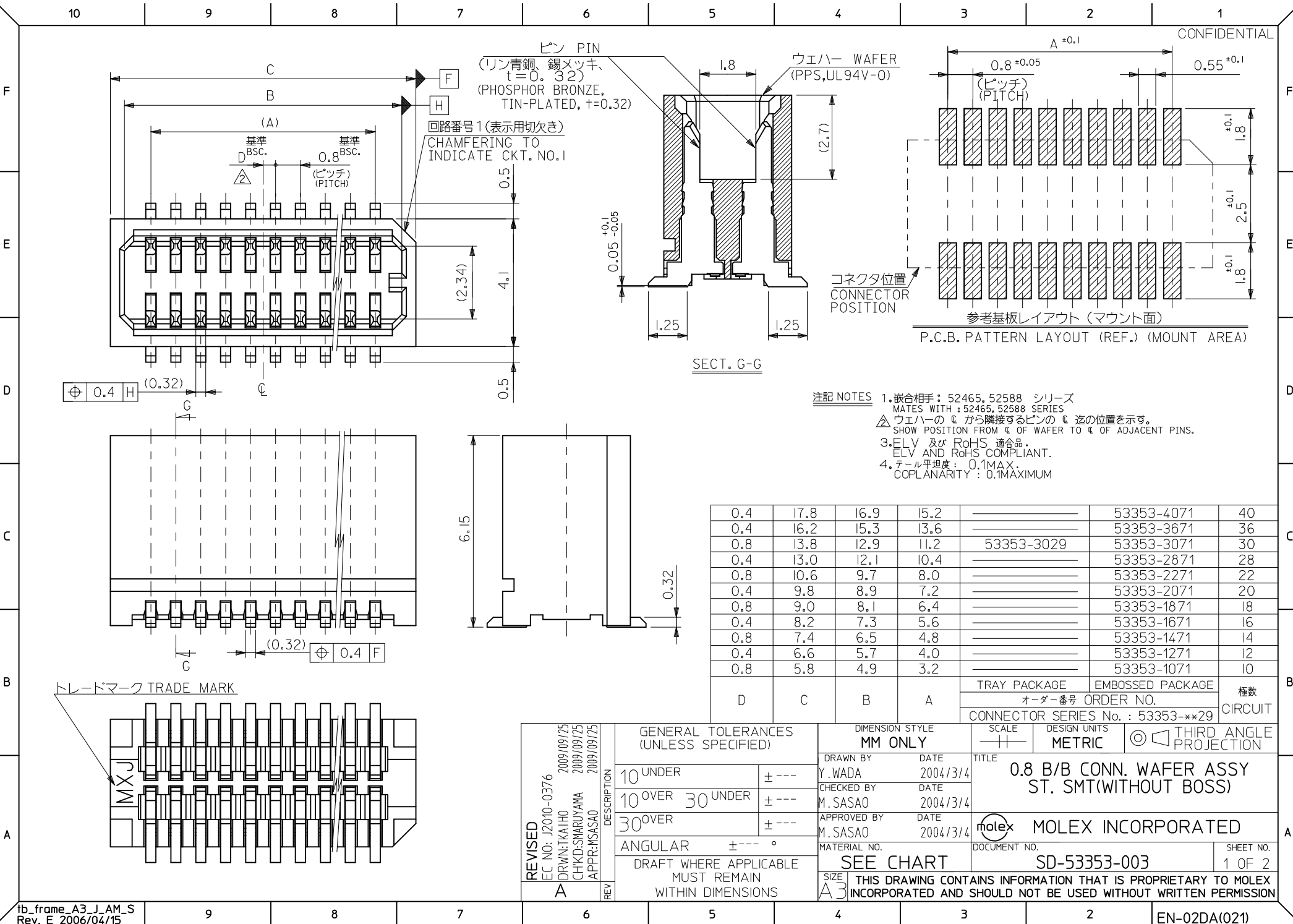
**Need more information on product
environmental compliance?**

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
[53353Series](#)

Mates With
[52465](#) PCB Receptacle, [52588](#) PCB Receptacle



ピン PIN
(リン青銅、錫メッキ、
t=0.32)
(PHOSPHOR BRONZE,
TIN-PLATED, t=0.32)

ウェハー WAFER
(PPS,UL94V-0)

回路番号 1 (表示用切欠き)
CHAMFERING TO
INDICATE CKT. NO.1

コネクタ位置
CONNECTOR
POSITION

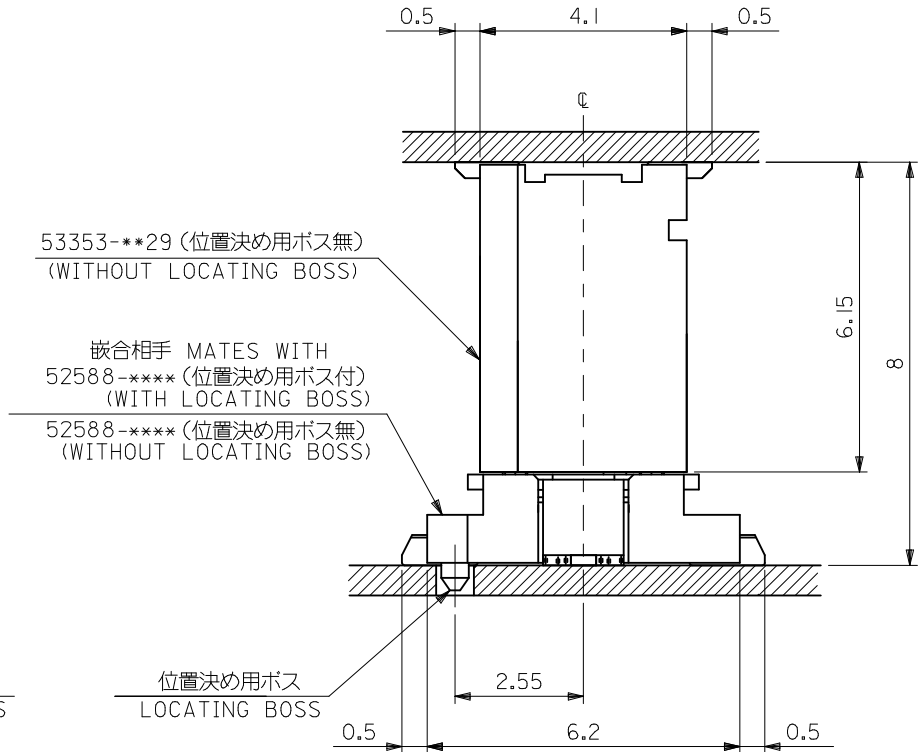
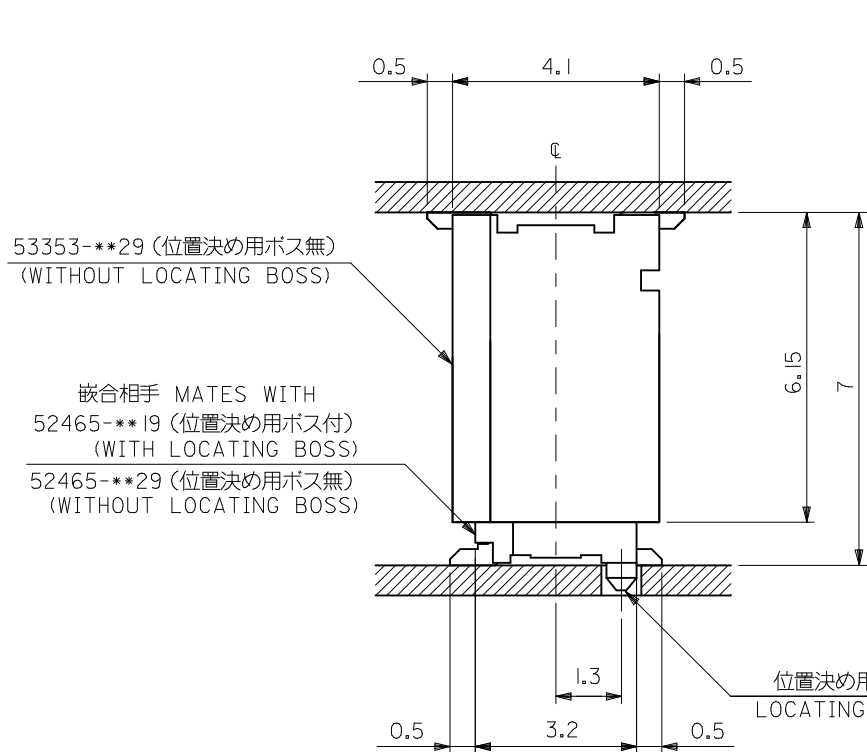
参考基板レイアウト (マウント面)
P.C.B. PATTERN LAYOUT (REF.) (MOUNT AREA)

SECT. G-G

- 注記 NOTES
1. 嵌合相手: 52465, 52588 シリーズ
MATES WITH: 52465, 52588 SERIES
 2. ウェハーの ϕ から隣接するピンの ϕ 迄の位置を示す。
SHOW POSITION FROM ϕ OF WAFER TO ϕ OF ADJACENT PINS.
 3. ELV 及び RoHS 適合品。
ELV AND ROHS COMPLIANT.
 4. テール平坦度: 0.1MAX.
COPLANARITY: 0.1MAXIMUM

0.4	17.8	16.9	15.2		53353-4071	40
0.4	16.2	15.3	13.6		53353-3671	36
0.8	13.8	12.9	11.2	53353-3029	53353-3071	30
0.4	13.0	12.1	10.4		53353-2871	28
0.8	10.6	9.7	8.0		53353-2271	22
0.4	9.8	8.9	7.2		53353-2071	20
0.8	9.0	8.1	6.4		53353-1871	18
0.4	8.2	7.3	5.6		53353-1671	16
0.8	7.4	6.5	4.8		53353-1471	14
0.4	6.6	5.7	4.0		53353-1271	12
0.8	5.8	4.9	3.2		53353-1071	10
D	C	B	A	TRAY PACKAGE	EMBOSSED PACKAGE	極数
				オーダー番号	ORDER NO.	CIRCUIT
				CONNECTOR SERIES No. : 53353-**-29		

REVISED EC NO: J2010-0376 DRWN:TKA IHO CHKD:SMARUYAMA APPR:MSASAO A	DESCRIPTION 2009/09/25 2009/09/25 2009/09/25	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY Y. WADA	DATE 2004/3/4	TITLE 0.8 B/B CONN. WAFER ASSY ST. SMT(WITHOUT BOSS)				
		10 OVER 30 UNDER	± ---	CHECKED BY M. SASAO	DATE 2004/3/4					
		30 OVER	± ---	APPROVED BY M. SASAO	DATE 2004/3/4					
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53353-003				1 OF 2
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



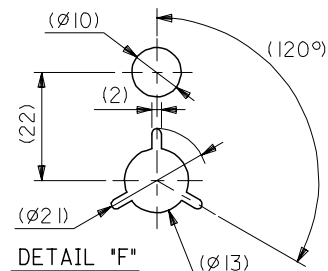
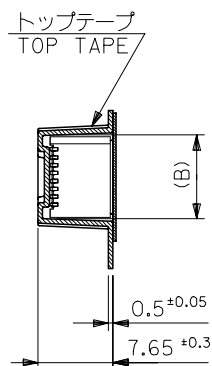
嵌合状態図 (参考)
MATED DRAWING (REF.)

REVISED EC NO: J2010-0376 DRWN:TKA IHO CHKD:SMRUYAMA APPR:MSASAO 2009/09/25 2009/09/25 2009/09/25	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ++	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY Y.WADA	DATE 2004/3/4	TITLE 0.8 B/B CONN. WAFER ASSY ST. SMT(WITHOUT BOSS)				
		10 OVER 30 UNDER	± ---	CHECKED BY M.SASAO	DATE 2004/3/4					
		30 OVER	± ---	APPROVED BY M.SASAO	DATE 2004/3/4	MOLEX INCORPORATED				
		ANGULAR ±--- °		MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53353-003				2 OF 2	
	A		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

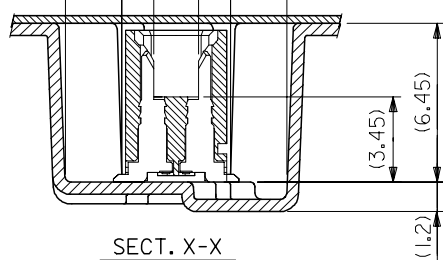
10 9 8 7 6 5 4 3 2 1

引き出し方向
PULL OUT DIRECTION

REEL

引き出し方向
PULL OUT DIRECTION

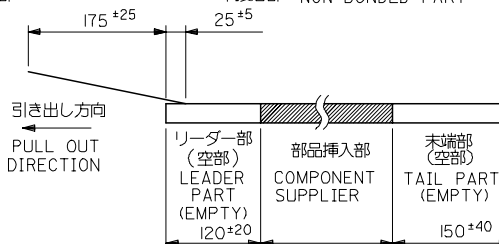
(2.3) (4.4) (2.3)

16mm幅キャリアテープ
16mm WIDTH CARRIER TAPE累積ピッチ 40^{+0.2}
ACCUMULATIVE
PITCH 40^{+0.2}

注記 NOTES

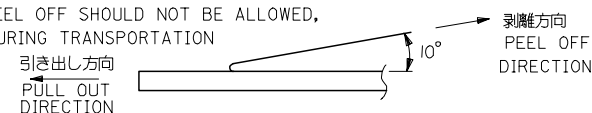
1. 梱包数量: 1000個/リール NUMBER OF CONNECTORS: 1000PCS/REEL
 2. リードテープ長さ LEAD TAPE LENGTH

トップテープ TOP TAPE
 リーダー部 LEADER PART
 トップテープ TOP TAPE
 未接着部 NON-BONDED PART



3. 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



4. 材料 MATERIAL
 キャリアテープ: ポリプロピレン (PP) CARRIER TAPE: POLYPROPYLENE
 トップテープ: PET, PE, PEF TOP TAPE: PET, PE, PEF
 リール: ポリスチレン (PS) REEL: POLYSTYRENE (PS)
 <リサイクル材を含む> <RECYCLE MATERIAL CONTAINED>

5. 本製品は53353-**-91の鉛フリー品である。
 THIS PRODUCT IS LEAD FREE OF 53353-**-91.

16	21.4	17.4	8.5	6.7	53353-1671	16
			7.7	5.9	53353-1471	14
			6.9	5.1	53353-1271	12
			6.1	4.3	53353-1071	10
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

MODEL NO. 53353-**-71
 DESIGN UNITS METRIC
 THIRD ANGLE PROJECTION

REVISED EC NO: J2005-2/59 DRW: KENSUJUKI CHKD: NUKITA APPR: NUKITA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	MODEL NO. 53353-004	THIRD ANGLE PROJECTION
		10 UNDER	±0.2	DRAWN BY YWADA	DATE 2004/03/04	TITLE 0.8 BTB CONN WAFER ASSY ST SMT WITHOUT BOSS EMBTP PKG -LEAD FREE-			
		10 OVER 30 UNDER	±0.25	CHECKED BY MSASAO	DATE 2004/03/04				
		30 OVER	±0.3	APPROVED BY MSASAO	DATE 2004/03/04	MOLEX INCORPORATED			
		ANGULAR	±3°	MATERIAL NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		SEE CHART		SD-53353-004	
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

F

E

D

C

B

A

F

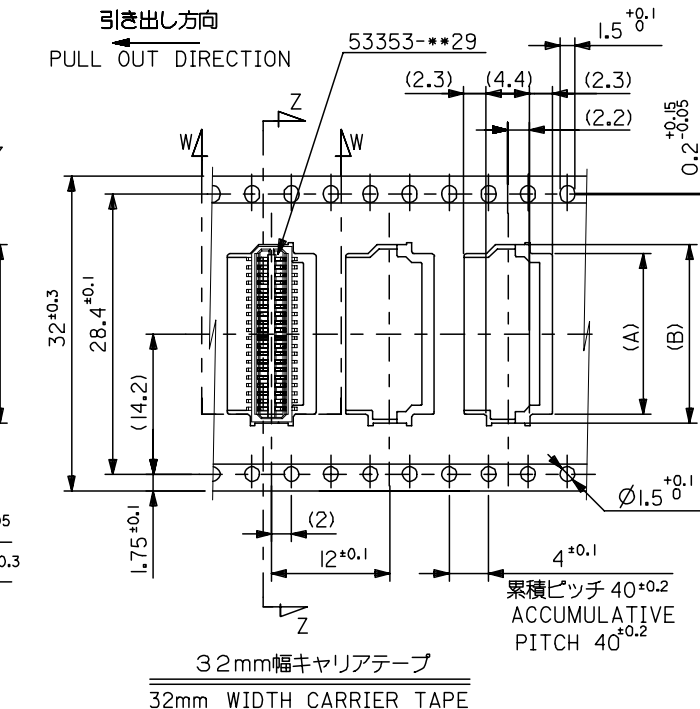
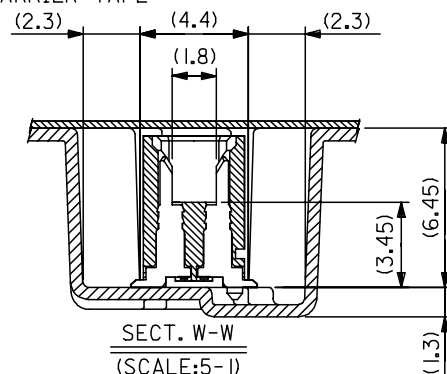
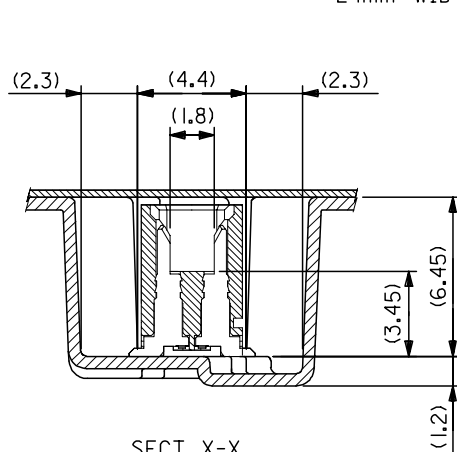
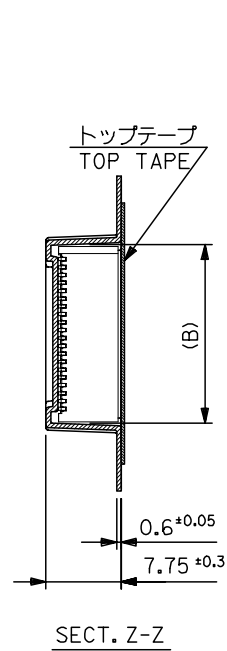
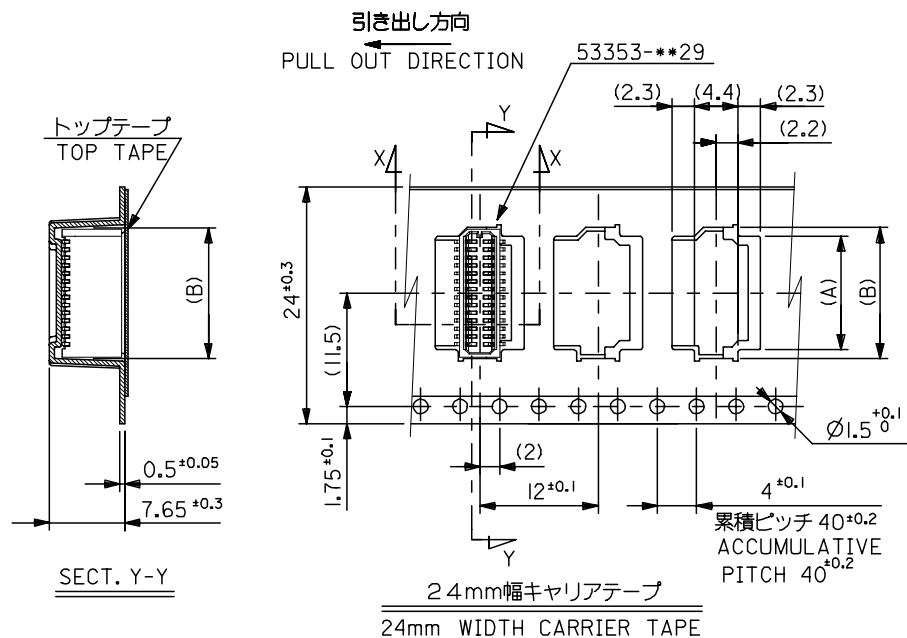
E

D

C

B

A



32	37.4	33.4	18.1	16.3	53353-4071	40
			16.5	14.7	53353-3671	36
24	29.4	25.4	14.1	12.3	53353-3071	30
			13.3	11.5	53353-2871	28
			10.9	9.1	53353-2271	22
			10.1	8.3	53353-2071	20
			9.3	7.5	53353-1871	18
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

REVISED EC NO: J2005-2/59 DRAWN: KENSUJUKI CHKD: NUKITA APPR: NUKITA		2005/01/26 2005/01/26 2005/02/02		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		MODEL NO. 53353-**-71	
10 UNDER		±0.2		DRAWN BY YWADA		DATE 2004/03/04		TITLE 0.8 BTB CONN WAFER ASSY ST SMT WITHOUT BOSS EMBTP PKG -LEAD FREE-		THIRD ANGLE PROJECTION		SHEET NO. 2 OF 2	
10 OVER 30 UNDER		±0.25		CHECKED BY MSASAO		DATE 2004/03/04		MOLEX INCORPORATED					
30 OVER		±0.3		APPROVED BY MSASAO		DATE 2004/03/04		DOCUMENT NO. SD-53353-004					
ANGULAR		±3°		MATERIAL NO.		SEE CHART							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													

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<http://moschip.ru/get-element>

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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