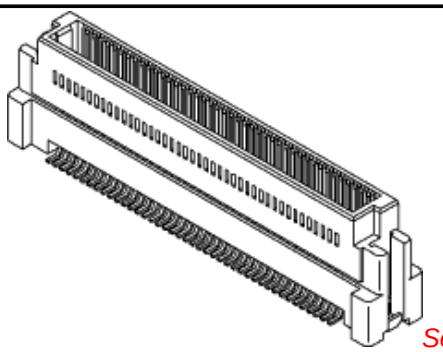
This document was generated on 05/25/2010

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Part Number: 0536270574
Status: Active
Overview: slimstack_0635mm_025_pitch
Description: 0.635mm (.025") Pitch SlimStack™ Header, Surface Mount, Dual Row, Vertical Stacking, 10.00 and 16.00mm (.394 and .630") Stacking Heights, Lead-free, 50 Circuits, with Embossed Tape with Cover Packaging



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-52760-015 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	53627
Application	Board-to-Board
Comments	Stacking-Type
Overview	slimstack_0635mm_025_pitch
Product Name	SlimStack™

Physical

Breakaway	No
Circuits (Loaded)	50
Color - Resin	Brown
Durability (mating cycles max)	50
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)	0.394 In, 0.630 In
Mated Height (mm)	10.00 mm, 16.00 mm
Material - Metal	Copper Alloy, Phosphor Bronze, Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.025 In
Pitch - Mating Interface (mm)	0.64 mm
Polarized to PCB	Yes
Robotic Placement	Metal Cap
Shrouded	Fully
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	100V

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-53627-001
Product Specification	PS-52760-015, RPS-52760-017, RPS-52760-018, RPS-52760-020, RPS-52760-021, RPS-52760-025,

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Not Reviewed

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.

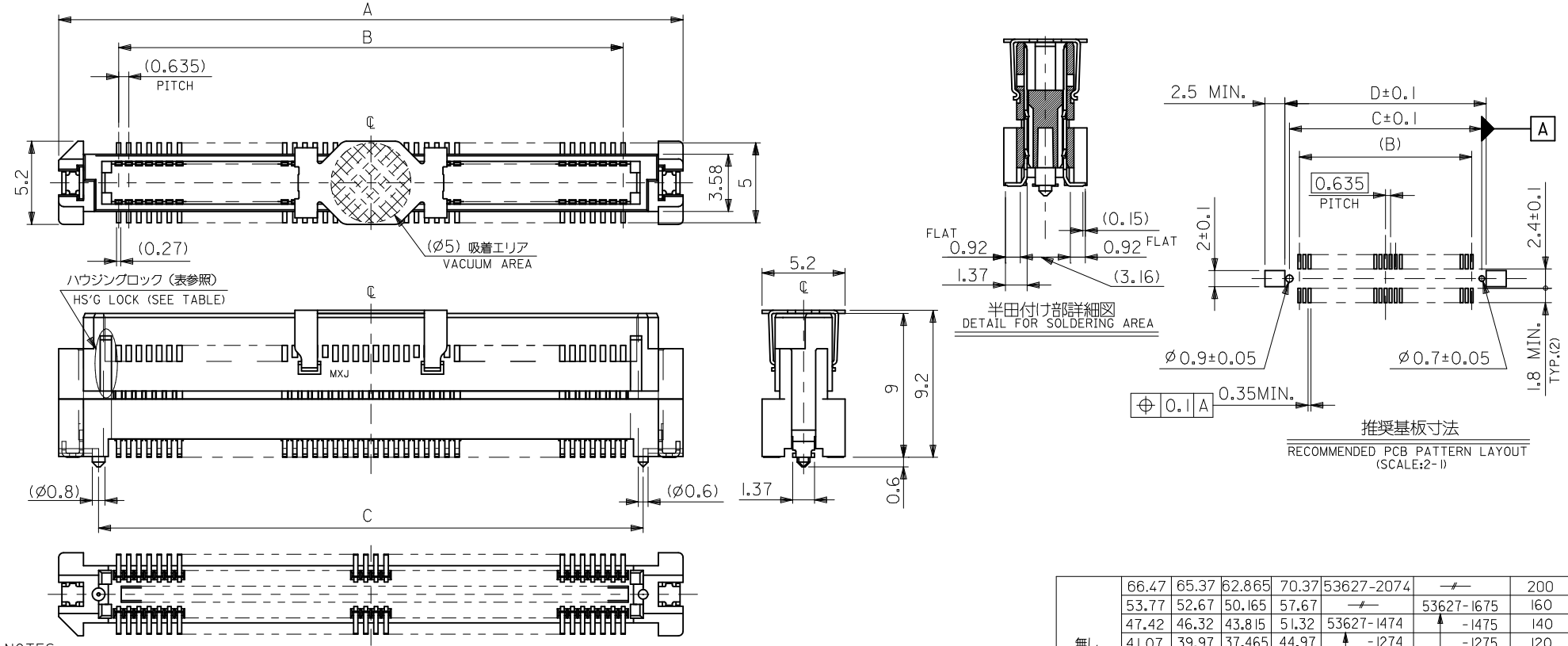
Search Parts in this Series
53627Series

Mates With
SlimStack™ Receptacle 52760 , 52837 , 52885

	RPS-52760-028, RPS-52760-029, RPS-52885-007, RPS-52885-008, RPS-52885-009
Sales Drawing	SD-53627-001, SD-53627-002

This document was generated on 05/25/2010

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NOTES 1. 材質
MATERIAL
ハウジング：ガラス入りＰＰＳ、茶色、ＵＬ９４Ｖ－０
HOUSING:POLYPHENYLENE SULFIDE,GLASS FILLED,BROWN,UL94V-0
ターミナル：銅合金 （ｔ＝0.2）、ニッケルメッキ下地１．５マイクロメートル以上
TERMINAL:COPPER ALLOY, UNDER-PLATING:NICKEL 1.5 MICROMETER MIN.
接点部 ：金メッキ ０．２５マイクロメートル以上
CONTACT AREA:GOLD 0.25 MICROMETER MIN.
半田付け部 ：錫メッキ１．０マイクロメートル以上
SOLDER TAIL AREA:TIN 1.0 MICROMETER MIN.
ネール ：リン青銅（ｔ＝0.2）、ニッケルメッキ下地１．０マイクロメートル以上
NAIL:PHOSPHOR BRONZE, UNDER-PLATING:NICKEL 1.0 MICROMETER MIN.
錫メッキ１．０マイクロメートル以上
TIN 1.0 MICROMETER MIN.
吸着カバー：ステンレス （ｔ＝ 0.2 ）
VACUUM COVER:STAINLESS STEEL

2. テールのバラツキ寸法
TAIL COPLANARITY
テール平坦度は、０．１ミリ以下とする。
TAILS COPLANARITY TO BE 0.1 MILLIMETER MAX.

無し NO	66.47	65.37	62.865	70.37	53627-2074	—	200
	53.77	52.67	50.165	57.67	—	53627-1675	160
	47.42	46.32	43.815	51.32	53627-1474	-1475	140
	41.07	39.97	37.465	44.97	-1274	-1275	120
	34.72	33.62	31.115	38.62	-1074	-1075	100
	31.55	30.45	27.94	35.45	-0974	-0975	90
	28.37	27.27	24.765	32.27	-0874	-0875	80
有り YES	25.2	24.1	21.59	29.1	-0774	-0775	70
	22.02	20.92	18.415	25.92	-0674	-0675	60
	18.85	17.75	15.24	22.75	-0574	-0575	50
	15.67	14.57	12.065	19.57	-0474	-0475	40
	12.5	11.4	8.89	16.4	-0374	-0375	30
	9.32	8.22	5.715	13.22	53627-0274	53627-0275	20
ハウジングロック HS'G LOCK	D	C	B	A	エンボス梱包 EMBOSSED PACKAGE	スティック梱包 STICK PACKAGE	極数 CIRCUITS
					CONNECTOR SERIES No.		53627-**72

REVISED
EC NO: J2010-2458 2010/06/04
DRWN:TKAIHO 2010/06/10
CH'KD:M.SASAO
APPR:MSASAO 2010/06/11
DESCRIPTION
B
REV

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

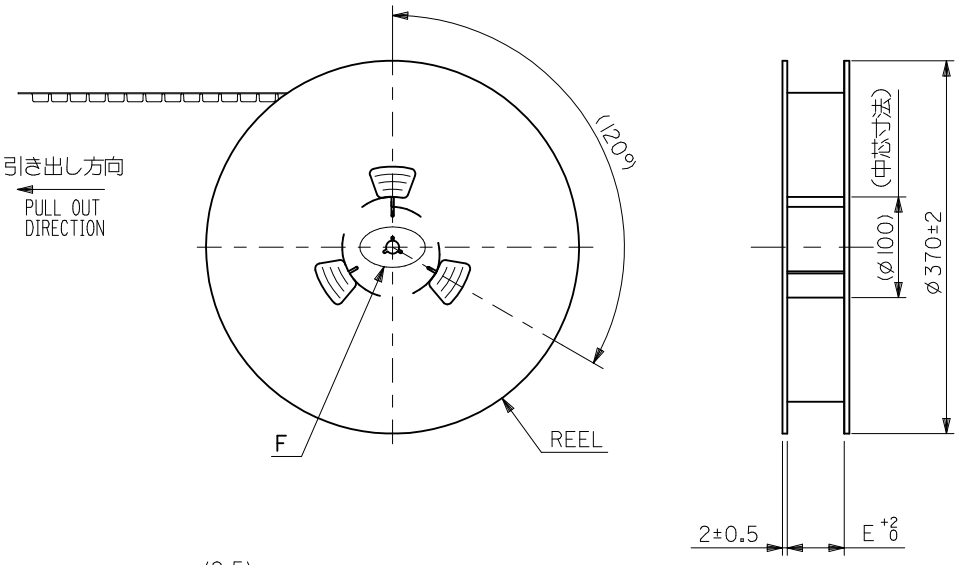
DRAWN BY: Y.SAKIYAMA DATE: 2004/03/05
CHECKED BY: M.SASAO DATE: 2004/03/05
APPROVED BY: M.SASAO DATE: 2004/03/05

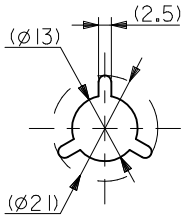
TITLE: 0.635 PITCH B/B CONN. PLUG HSG COVER ASSY -LEAD FREE-

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-53627-001
SHEET NO.: 1 OF 1
SIZE: A3

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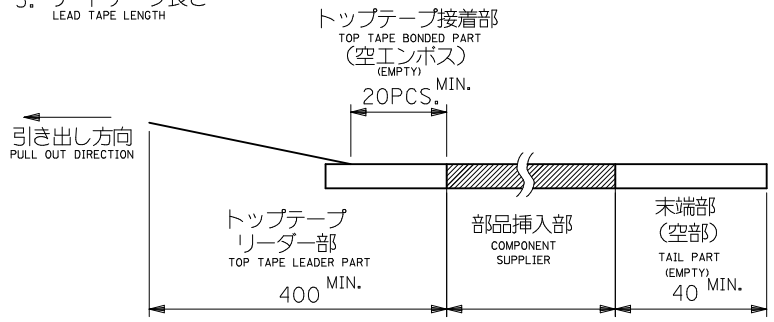
DETAIL F

NOTES

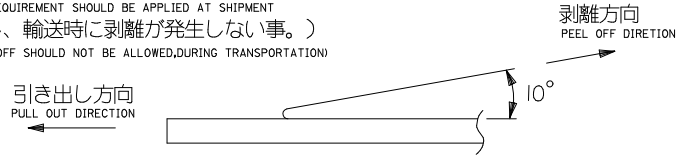
1. 製品番号 53627-**72 の詳細寸法については SD-53627-001 を参照下さい。
IN THE PACKAGE , PART NO. 53627-**72 DETAILED DIMENSIONS , SEE SD-53627-001.

2. 梱包数量 : 700個／リール
NUMBER OF CONNECTORS : 700 PCS/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 （剥離方向は下図参照）
PEELING OFF FORCE OF TOP TAPE (PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
0.1 ～ 1.3N {10 ～ 130gf}
尚、本規格値は、出荷時に適用。
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT
（但し、輸送時に剥離が発生しない事。）
(PEEL OFF SHOULD NOT BE ALLOWED,DURING TRANSPORTATION)



5. 材料
MATERIAL
キャリアテープ : ポリプロピレン（PP）
CARRIER TAPE : POLYPROPYLENE (PP)
トップテープ : PET, PE, PEF
TOP TAPE : PET , PE , PEF
リール : 紙
REEL CARD BOARD

REVISED				
EC NO: J2010-2458	DRWN:TKAIHO	CH'KD:M.SASAO	APPR:MSASAO	DESCRIPTION
2010/06/04	2010/06/10	2010/06/11		
B				REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

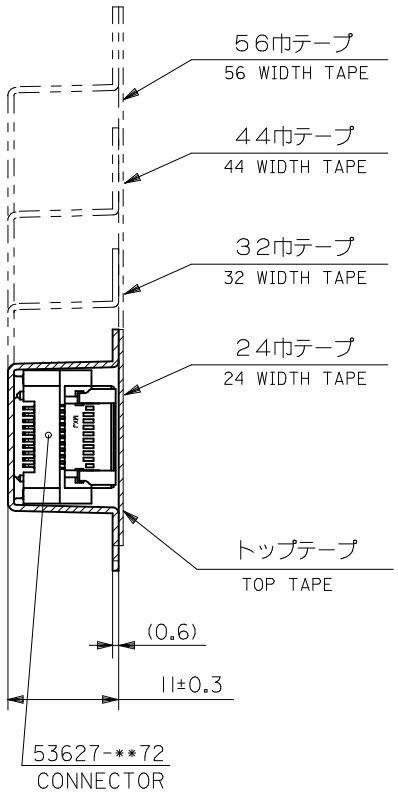
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

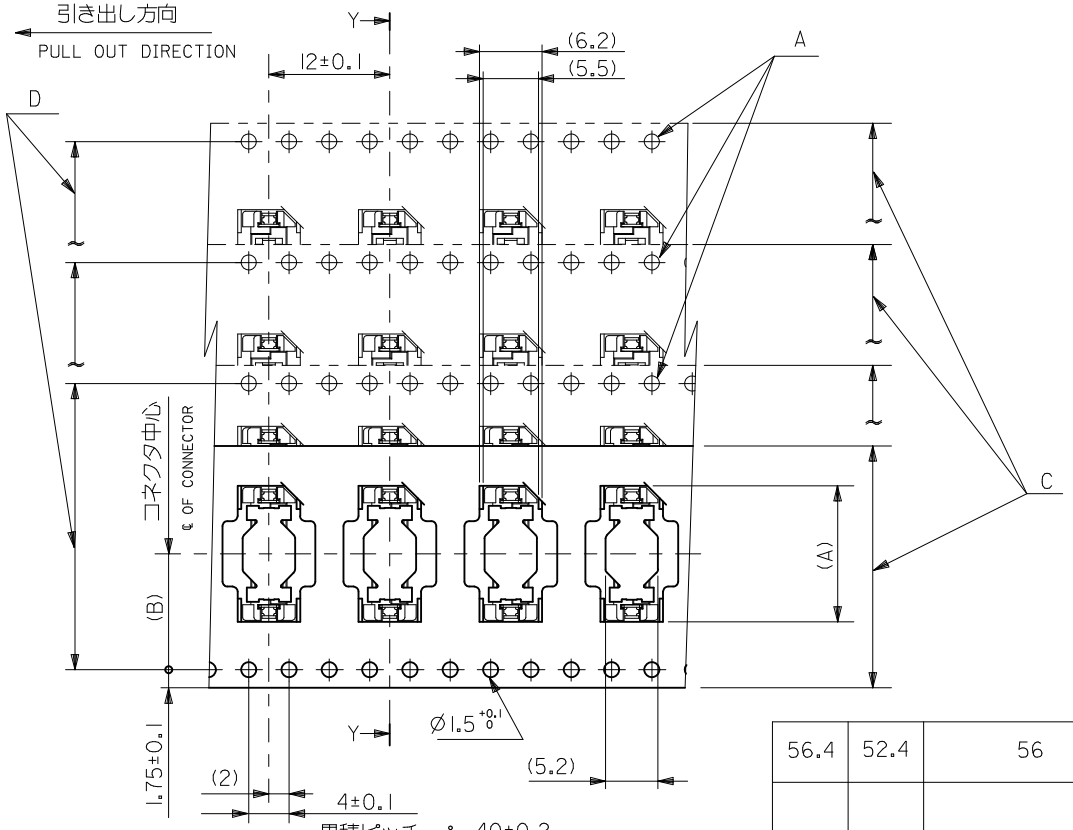
DIMENSION STYLE	MM ONLY
DRAWN BY	Y.SAKIYAMA
DATE	2004/03/05
CHECKED BY	M.SASAO
DATE	2004/03/05
APPROVED BY	M.SASAO
DATE	2004/03/05
MATERIAL NO.	SEE CHART
SIZE	A3

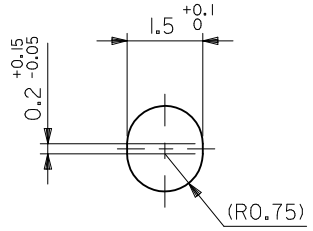
CONNECTOR SERIES No.	53627-**72
SCALE	---
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
TITLE	EMBSTP PKG FOR 0.635 B/B PLUG HSG ASSY (H=10) -LEAD FREE-
	MOLEX INCORPORATED
DOCUMENT NO.	SD-53627-002
SHEET NO.	1 OF 3

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断面 Y−Y
SECTION Y-Y





A部詳細

E	D	C キャリアテープ幅 CARRIER TAPE WIDTH	(B)	(A)	MATERIAL NO.	極数 CIRCUITS
56.4	52.4	56	26.2	38.9	53627-1074	100
				35.8	-0974	90
44.4	40.4	44	20.2	32.6	-0874	80
				29.4	-0774	70
				26.2	-0674	60
				23.1	-0574	50
32.4	28.4	32	14.2	19.9	-0474	40
				16.7	-0374	30
24.4	〃	24	11.5	13.5	53627-0274	20

REVISED
EC NO: J2010-2458 2010/06/04
DRWN:TKAIHO 2010/06/10
CH'KD:M.SASAO 2010/06/11
APPR:MSASAO
DESCRIPTION
REV
B

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

CONNECTOR SERIES No.: 53627-**72

DRAWN BY: Y.SAKIYAMA DATE: 2004/03/05
CHECKED BY: M.SASAO DATE: 2004/03/05
APPROVED BY: M.SASAO DATE: 2004/03/05

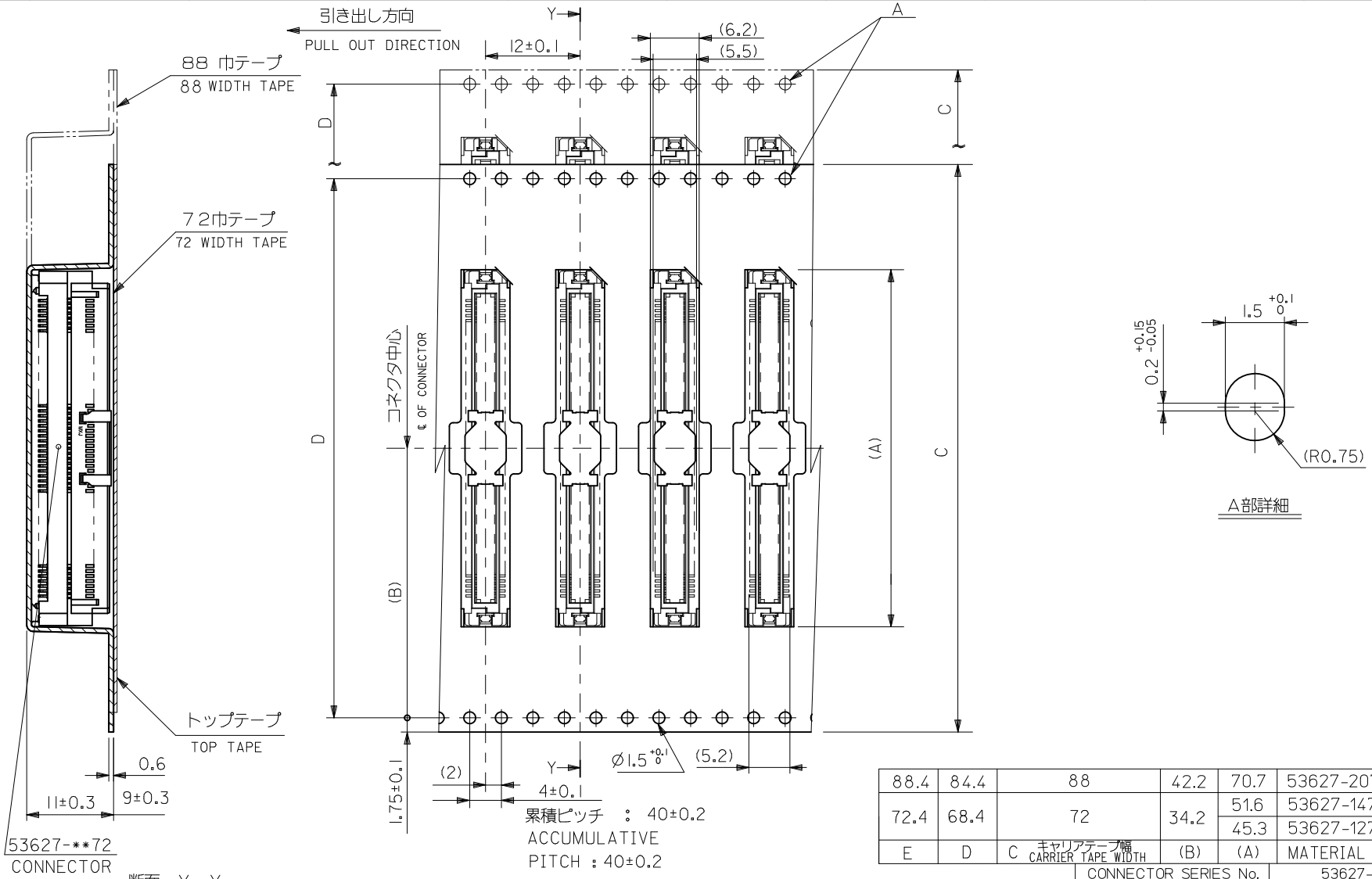
TITLE: EMBSTP PKG FOR 0.635 B/B PLUG HSG ASSY (H=10) -LEAD FREE-

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-53627-002
SHEET NO.: 2 OF 3

SIZE A3

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E	D	C キャリアテープ幅 CARRIER TAPE WIDTH	(B)	(A)	MATERIAL NO.	極数 CIRCUITS
88.4	84.4	88	42.2	70.7	53627-2074	200
72.4	68.4	72	34.2	51.6	53627-1474	140
				45.3	53627-1274	120

REVISED	EC NO: J2010-2458	DRWN:TKAIHO	CH'KD:M.SASAO	APPR:MSASAO	DESCRIPTION	REV
	2010/06/04	2010/06/10	2010/06/11			
						B

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	Y.SAKIYAMA
DATE	2004/03/05
CHECKED BY	M.SASAO
DATE	2004/03/05
APPROVED BY	M.SASAO
DATE	2004/03/05
MATERIAL NO.	SEE CHART
CONNECTOR SERIES No.	53627-**72
TITLE	EMBSTP PKG FOR 0.635 B/B PLUG HSG ASSY (H=10) -LEAD FREE-
	MOLEX INCORPORATED
DOCUMENT NO.	SD-53627-002
SHEET NO.	3 OF 3
SIZE	A3

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