

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0536270474

Status:

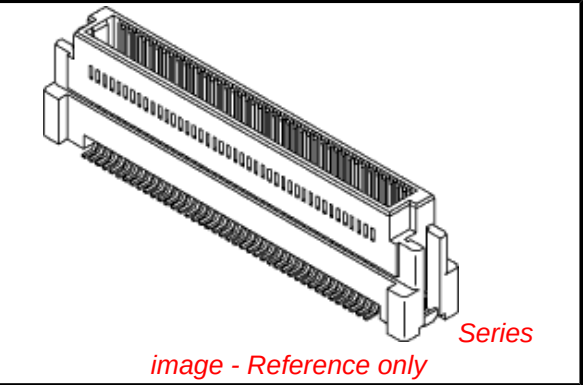
Active

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, 40 Circuits, with Embossed Tape with Cover Packaging



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
MolexKits	Yes
Overview	slimstack_0635mm_025_pitch
Product Name	SlimStack™
Physical	
Breakaway	No
Circuits (Loaded)	40
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

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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

53627Series

Mates With

SlimStack™ Receptacle [52760](#) , [52837](#) , [52885](#) , [52901](#)

Product Specification

PS-52760-015, RPS-52760-017, RPS-52760-018,
RPS-52760-020, RPS-52760-021, RPS-52760-025,
RPS-52760-028, RPS-52760-029, RPS-52885-007,
RPS-52885-008, RPS-52885-009
SD-53627-001, SD-53627-002

Sales Drawing

This document was generated on 06/07/2010

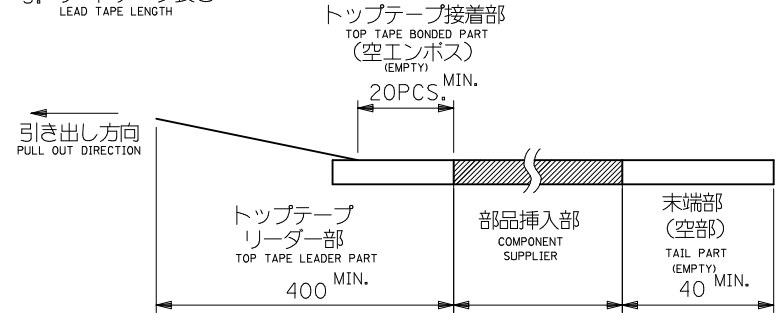
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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



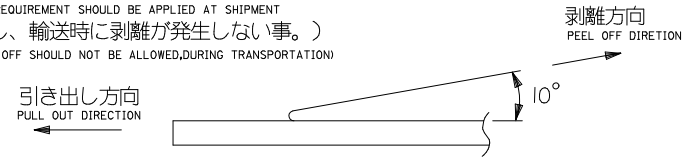
4. トッパテープの剥離強度 (剥離方向は下図参照)
PEELING OFF FORCE OF TOP TAPE (PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
0.1 ~ 1.3N {10 ~ 130gf}

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)

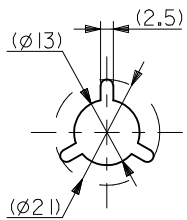
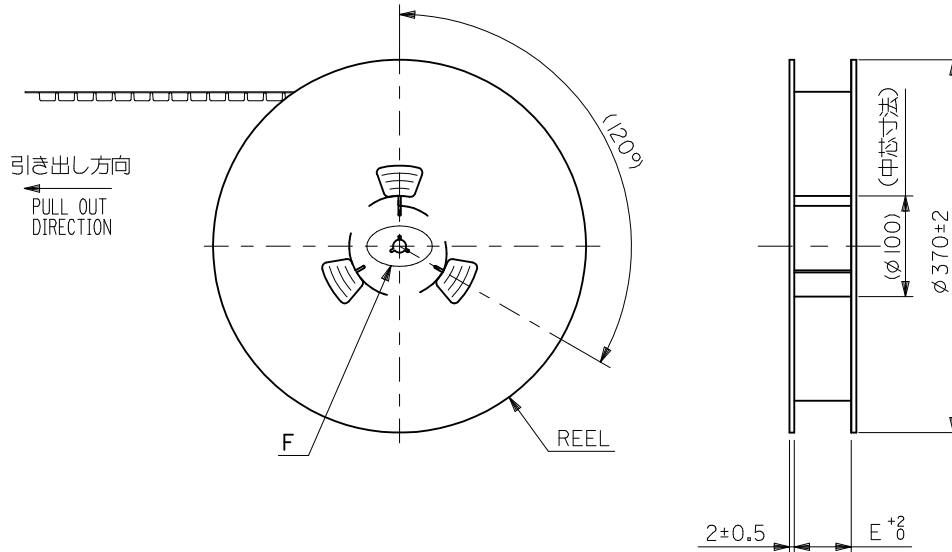
CARRIER TAPE : POLYPROPYLENE (PP)

トッパテープ : PET, PE, PEF

TOP TAPE : PET, PE, PEF

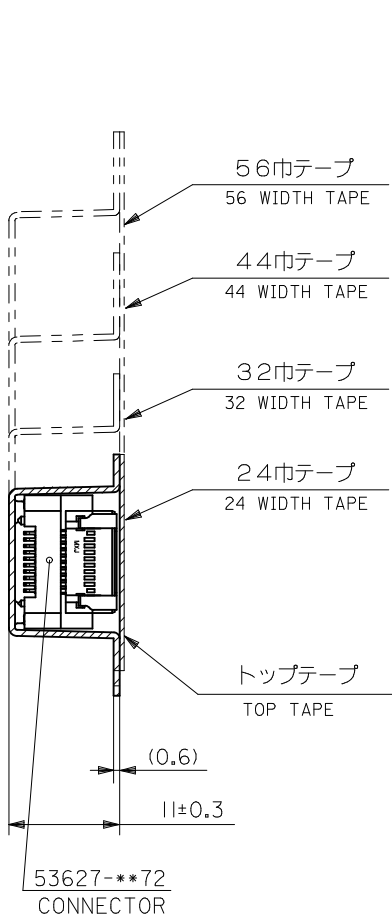
リール : 紙

REEL : CARD BOARD

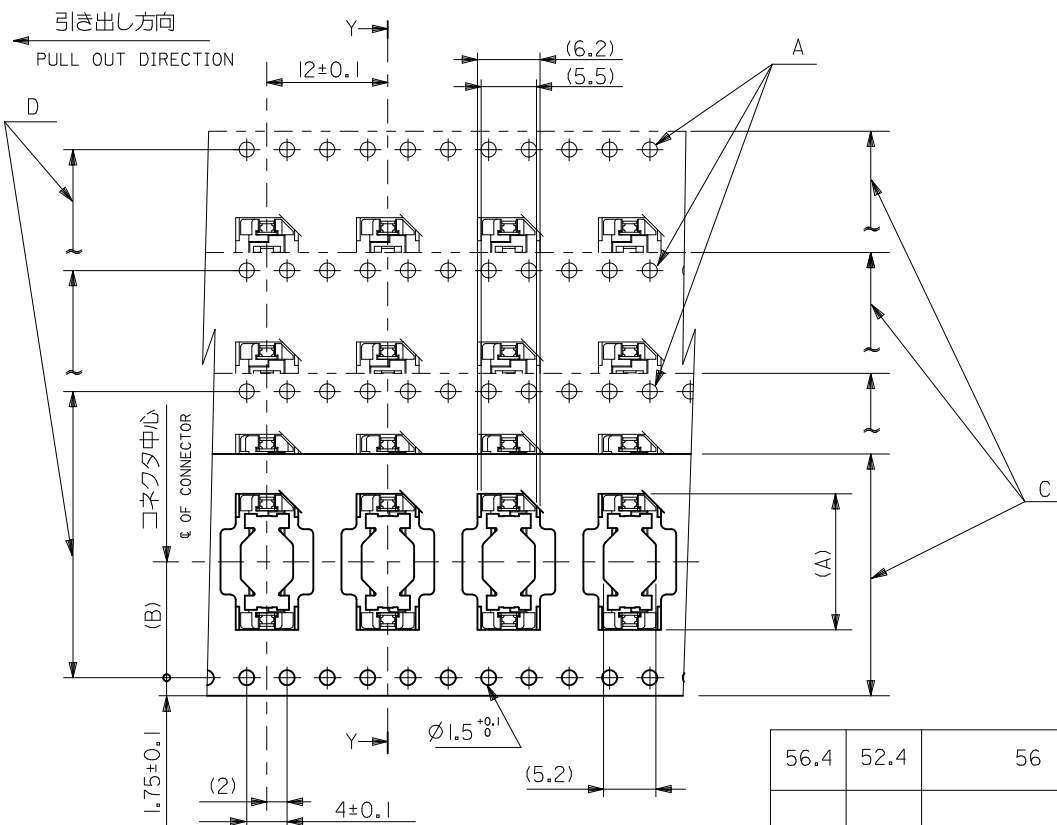


DETAIL F

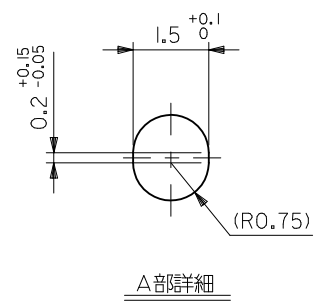
REVISED EC NO: J2010-2458 DRWN:TKAHO CHKD:M.SASAO APPR:MSASAO	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY Y.SAKIYAMA	DATE 2004/03/05	TITLE EMBSTP PKG FOR 0.635 B/B PLUG HSG ASSY (H=10) -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY M.SASAO	DATE 2004/03/05					
		30 OVER	± 0.3	APPROVED BY M.SASAO	DATE 2004/03/05	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53627-002		1 OF 3			
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



断面 Y-Y
SECTION Y-Y



累積ピッチ : 40±0.2
ACCUMULATIVE
PITCH : 40±0.2



56.4	52.4	56	26.2	38.9	53627-1074	100
				35.8	-0974	90
				32.6	-0874	80
44.4	40.4	44	20.2	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
E	D	C	キャリアテープ幅 CARRIER TAPE WIDTH	(B)	(A)	MATERIAL NO. 極数 CIRCUITS

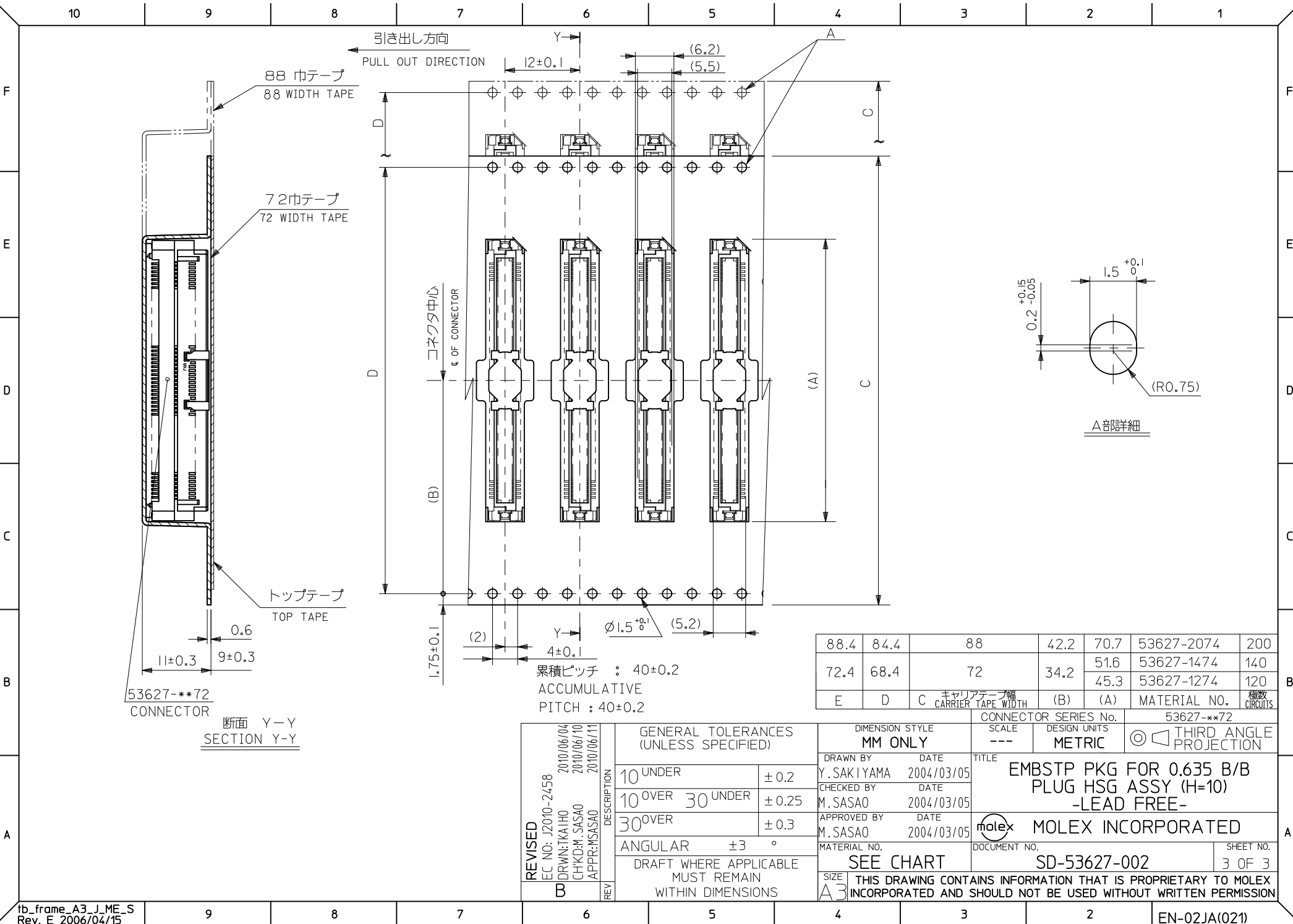
REVISED EC NO: J2010-2458 DRWN:TKAHO 2010/06/04 CHKD:M.SASAO 2010/06/10 APPR:MSASAO 2010/06/11	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		CONNECTOR SERIES No. 53627-***72	
				SCALE ---		DESIGN UNITS METRIC	
		10 UNDER ±0.2		DRAWN BY Y.SAKIYAMA		DATE 2004/03/05	
		10 OVER 30 UNDER ±0.25		CHECKED BY M.SASAO		DATE 2004/03/05	
		30 OVER ±0.3		APPROVED BY M.SASAO		DATE 2004/03/05	
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53627-002	
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

MOLEX

MOLEX INCORPORATED

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

SHEET NO.
2 OF 3



53627-***72
CONNECTOR
断面 Y-Y
SECTION Y-Y

累積ピッチ : 40±0.2
ACCUMULATIVE
PITCH : 40±0.2

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
E	D	C	キャリアテープ幅 CARRIER TAPE WIDTH	(B)	(A)	MATERIAL NO. 極数 CIRCUITS

REVISED EC NO: J2010-2458 DRWN:TKAHO CHKD:M.SASAO APPR:MSASAO	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		10 UNDER	±0.2	DRAWN BY Y.SAKIYAMA	DATE 2004/03/05	TITLE EMBSTP PKG FOR 0.635 B/B PLUG HSG ASSY (H=10) -LEAD FREE-					
		10 OVER 30 UNDER	±0.25	CHECKED BY M.SASAO	DATE 2004/03/05						
		30 OVER	±0.3	APPROVED BY M.SASAO	DATE 2004/03/05	MOLEX MOLEX INCORPORATED					
		ANGULAR ±3 °		MATERIAL NO.							DOCUMENT NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53627-002				3 OF 3	
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

Данный компонент на территории Российской Федерации

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

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Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

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moschip.ru_9