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Part Number: [0536271074](#)
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, 100 Circuits, with Embossed Tape with Cover Packaging

Documents:

[3D Model](#) [Product Specification PS-52760-015 \(PDF\)](#)
[Drawing \(PDF\)](#) [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)	100
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

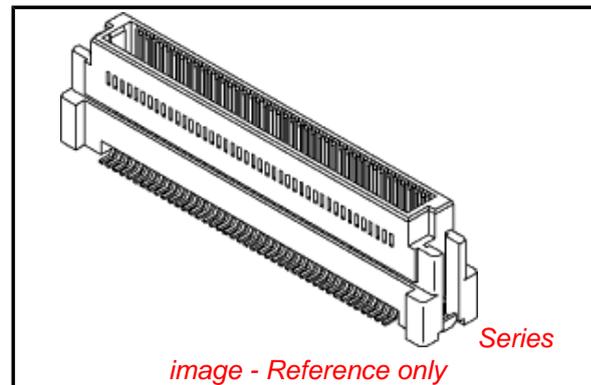
Electrical

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**

China RoHS



Not Reviewed

**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

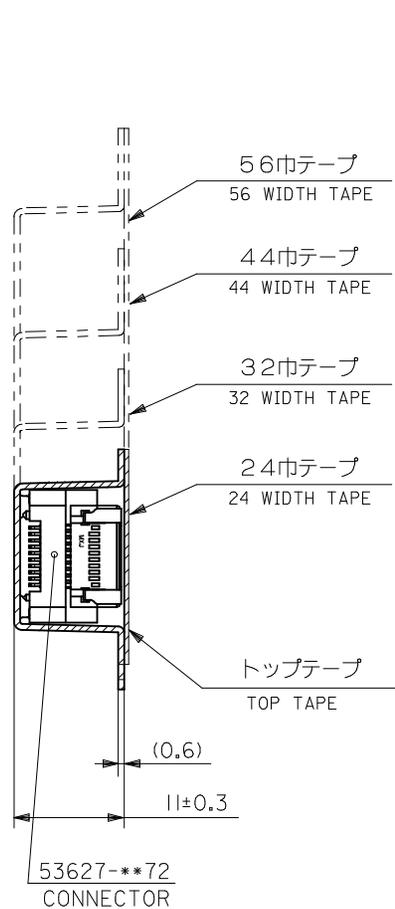
SlimStack™ Receptacle [52760](#) , [52885](#) ,
[52901](#)

Sales Drawing

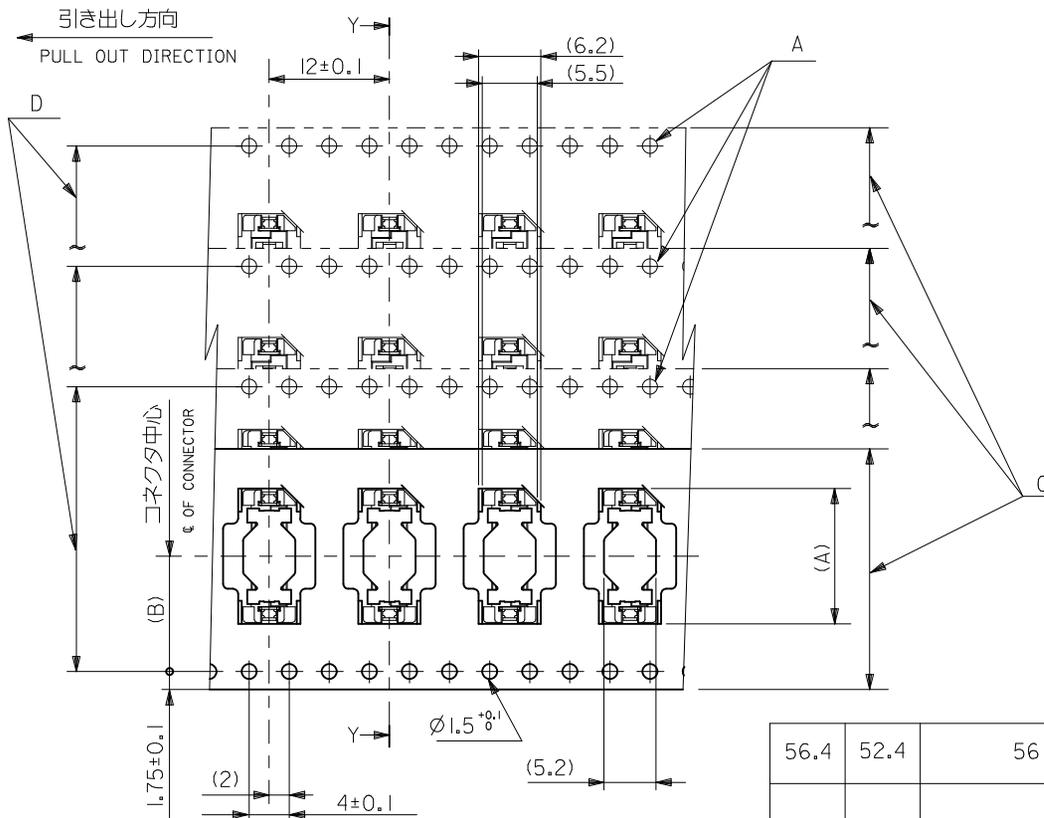
RPS-52760-028, RPS-52760-029, RPS-52885-007,
RPS-52885-008, RPS-52885-009
SD-53627-001, SD-53627-002

This document was generated on 05/25/2010

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断面 Y-Y
SECTION Y-Y

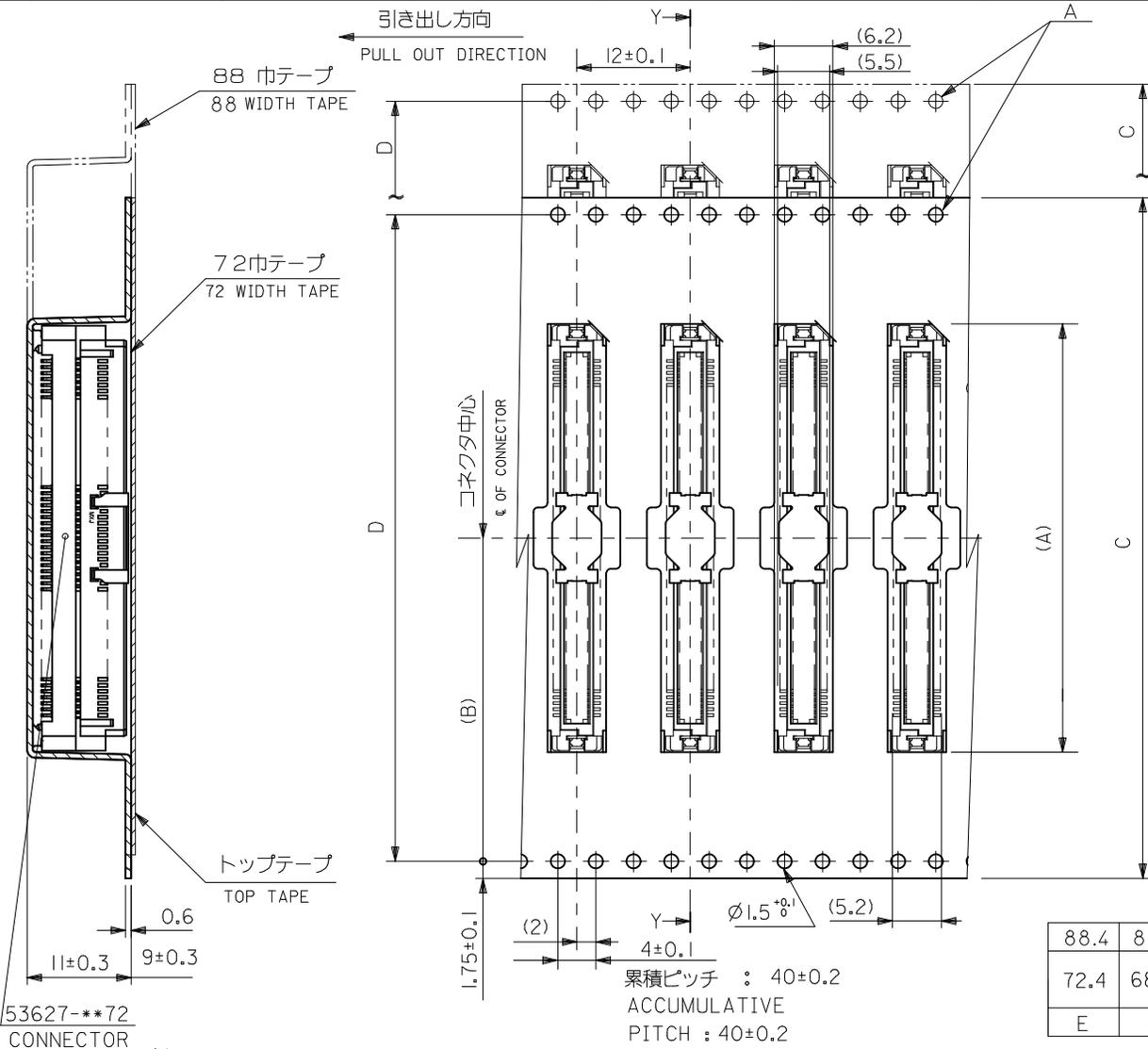


累積ピッチ : 40±0.2
ACCUMULATIVE
PITCH : 40±0.2

56.4	52.4	56	26.2	38.9	53627-1074	100
				35.8	-0974	90
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
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:TKAIHO 2010/06/04 CH'KD:M.SASAO 2010/06/10 APPR:MSASAO 2010/06/11	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		CONNECTOR SERIES No. 53627-***72	
	10 UNDER	±0.2	DRAWN BY Y. SAKIYAMA		SCALE ---	
	10 OVER 30 UNDER	±0.25	DATE 2004/03/05		DESIGN UNITS METRIC	
	30 OVER	±0.3	CHECKED BY M. SASAO		THIRD ANGLE PROJECTION	
	ANGULAR ±3 °	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
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		
B	REV	SEE CHART		SD-53627-002		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		

10 9 8 7 6 5 4 3 2 1



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. 種数 CIRCUITS

REVISED EC NO: J2010-2458 DRWN: KAIHO CHKD: M. SASAO APPR: MSASAO	2010/06/04	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	CONNECTOR SERIES No.	53627-***72
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	2010/06/11	10 OVER 30 UNDER	±0.25		DESIGN UNITS	METRIC
		30 OVER	±0.3			
		ANGULAR	±3 °			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
				DRAWN BY	DATE	TITLE
				Y. SAKIYAMA	2004/03/05	EMBSTP PKG FOR 0.635 B/B PLUG HSG ASSY (H=10) -LEAD FREE-
				CHECKED BY	DATE	
				M. SASAO	2004/03/05	
				APPROVED BY	DATE	
				M. SASAO	2004/03/05	
				MATERIAL NO.	DOCUMENT NO.	
				SEE CHART		
						MOLEX INCORPORATED
						SD-53627-002
						SHEET NO. 3 OF 3