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Part Number:

0555600247

Status:

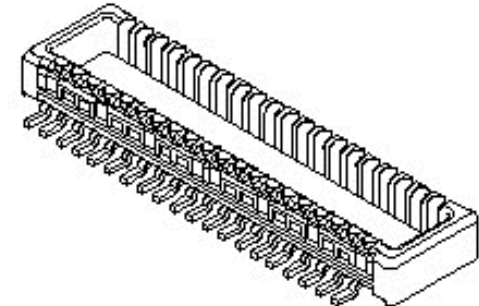
Active

Overview:

slimstack_050mm_020_pitch

Description:

0.50mm (.020") Pitch SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 1.50mm (.059") Stack Height, 24 Circuits



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-500620-001 \(PDF\)](#)
- [Product Specification PS-54722-009 \(PDF\)](#)
- [Product Specification PS-54722-010 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	55560
Application	Board-to-Board
Overview	slimstack_050mm_020_pitch
Product Name	SlimStack™

Physical

Breakaway	No
Circuits (Loaded)	24
Circuits (maximum)	24
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)	0.059 In
Mated Height (mm)	1.50 mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.029 In
PC Tail Length (mm)	0.74 mm
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.020 In
Pitch - Mating Interface (mm)	0.50 mm
Plating min: Mating (µin)	10
Plating min: Mating (µm)	0.25
Plating min: Termination (µin)	4
Plating min: Termination (µm)	0.1
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

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

Material Info

Reference - Drawing Numbers

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

55560Series

Mates With

54722 PCB Receptacle

Packaging Specification
Product Specification

Sales Drawing

SPK-55560-001
PS-500620-001, PS-54722-009, PS-54722-010,
RPS-500620-001, RPS-54722-024, RPS-54722-026,
RPS-54722-029, RPS-54722-030, RPS-54722-031
SD-55560-007

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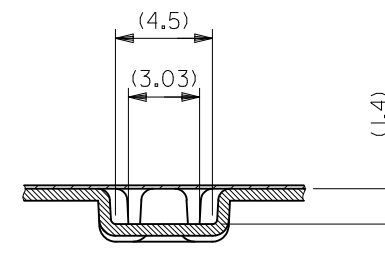
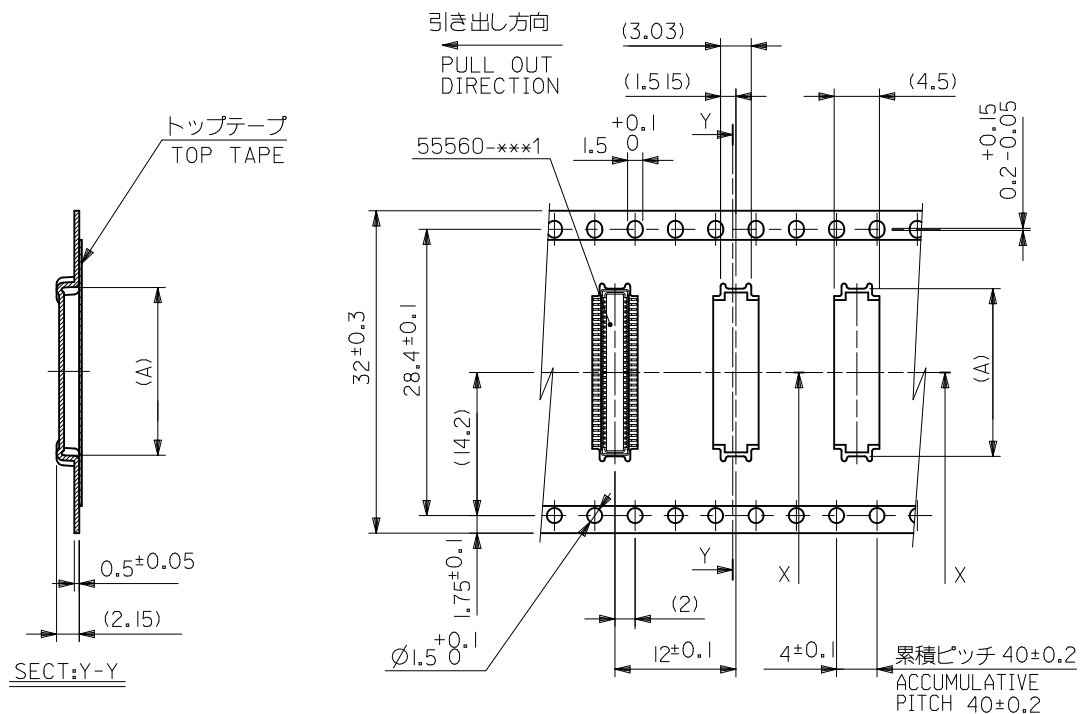
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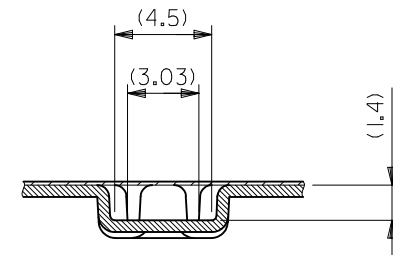
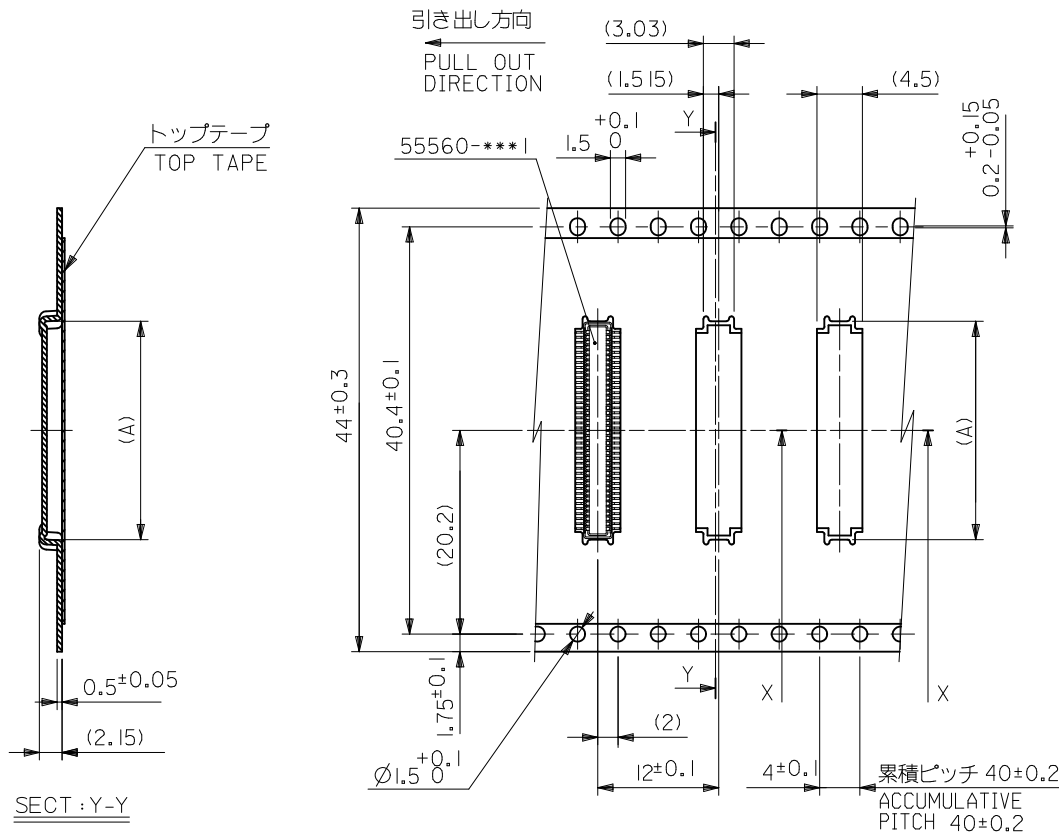


SECTION X-X
SCALE 5:1

32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	33.5	16.65	55560-0607	55560-***7	60
キャリアテープ幅 CARRIER TAPE WIDTH	B	(A)	MATERIAL No.	MODEL No.	極数 CIRCUIT

REVISED EC NO: J2010-1529 DRWN: YON002 CHKD: SMARUYAMA APPR: MSASAO 2010/01/28 2010/02/01 2010/02/02	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY T. YASUI	DATE '02/03/06	TITLE 0.5 B-T0-B PLUG ASSY (HGT=1.5) EMBSTP PKG (SHEET 4 OF 5) MOLEX INCORPORATED			
		10 OVER 30 UNDER	± 0.25	CHECKED BY M. SASAO	DATE '03/03/31				
		30 OVER	± 0.3	APPROVED BY M. SASAO	DATE '03/03/31				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.			SHEET NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-55560-007		4 OF 5		
	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



SECTION X-X
SCALE 5:1

44mm幅キャリアテープ
44mm WIDTH CARRIER TAPE

44	45.5	21.65	55560-0807	55560-***7	80
キャリアテープ幅 CARRIER TAPE WIDTH	B	(A)	MATERIAL No.	MODEL No.	極数 CIRCUIT

REVISED EC NO: J2010-1529 DRWN: YON002 CHKD: SMARUYAMA APPR: MSASAO 2010/01/28 2010/02/01 2010/02/01	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY S. AIHARA	DATE '00/10/06	TITLE 0.5 B-TO-B PLUG ASSY (HGT=1.5) EMBSTP PKG (SHEET 5 OF 5)			
		10 OVER 30 UNDER	± 0.25	CHECKED BY M. SASAO	DATE '03/03/31				
		30 OVER	± 0.3	APPROVED BY M. SASAO	DATE '03/03/31				
		ANGULAR ±3 °		MATERIAL NO.					DOCUMENT NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-55560-007			5 OF 5
		J		A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			