

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0555600207

Status:

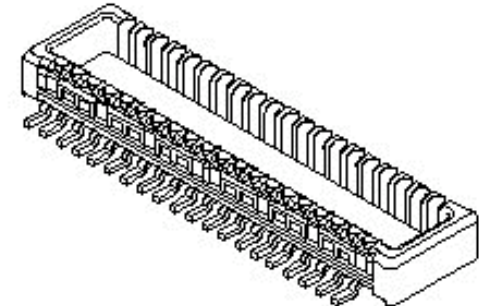
Active

Overview:

slimstack_050mm_020_pitch

Description:

0.50mm (.020") Pitch SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 1.50mm (.059") Stack Height, 20 Circuits



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [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)	20
Circuits (maximum)	20
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

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

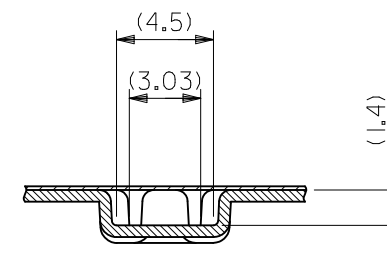
Packaging Specification
Product Specification

SPK-55560-001
PS-54722-009, PS-54722-010, RPS-54037-011,
RPS-54722-017, RPS-54722-018, RPS-54722-019,
RPS-54722-024, RPS-54722-026, RPS-54722-028,
RPS-54722-029, RPS-54722-030, RPS-54722-031,
RPS-54722-034
SD-55560-007

Sales Drawing

This document was generated on 05/27/2010

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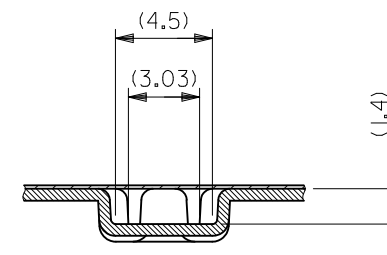


SECTION X-X
SCALE 5:1

24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

24	25.5	14.15	55560-0507	55560-***7	50
		11.65	55560-0407		40
		10.15	55560-0347		34
		9.15	55560-0307		30
		7.65	55560-0247		24
		7.15	55560-0227		22
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 DRAWN: YON002 CHK'D: SWARYAMA 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 S. AIHARA	DATE '00/10/06	TITLE 0.5 B-T0-B PLUG ASSY (HGT=1.5) EMBSTP PKG (SHEET 3 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	MOLEX MOLEX INCORPORATED				
			ANGULAR ±3 °		MATERIAL NO.						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-55560-007			3 OF 5	
			REV		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



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	2010/01/28	DRWN:YON002	2010/02/01	CHK'D:SMARYAMA	2010/02/01	APPR:MSASAO	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-TO-B PLUG ASSY (HGT=1.5) EMBSTP PKG (SHEET 4 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.					
REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	SEE CHART		DOCUMENT NO. SD-55560-007		SHEET NO. 4 OF 5									
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

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B

A

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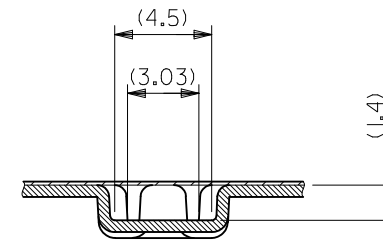
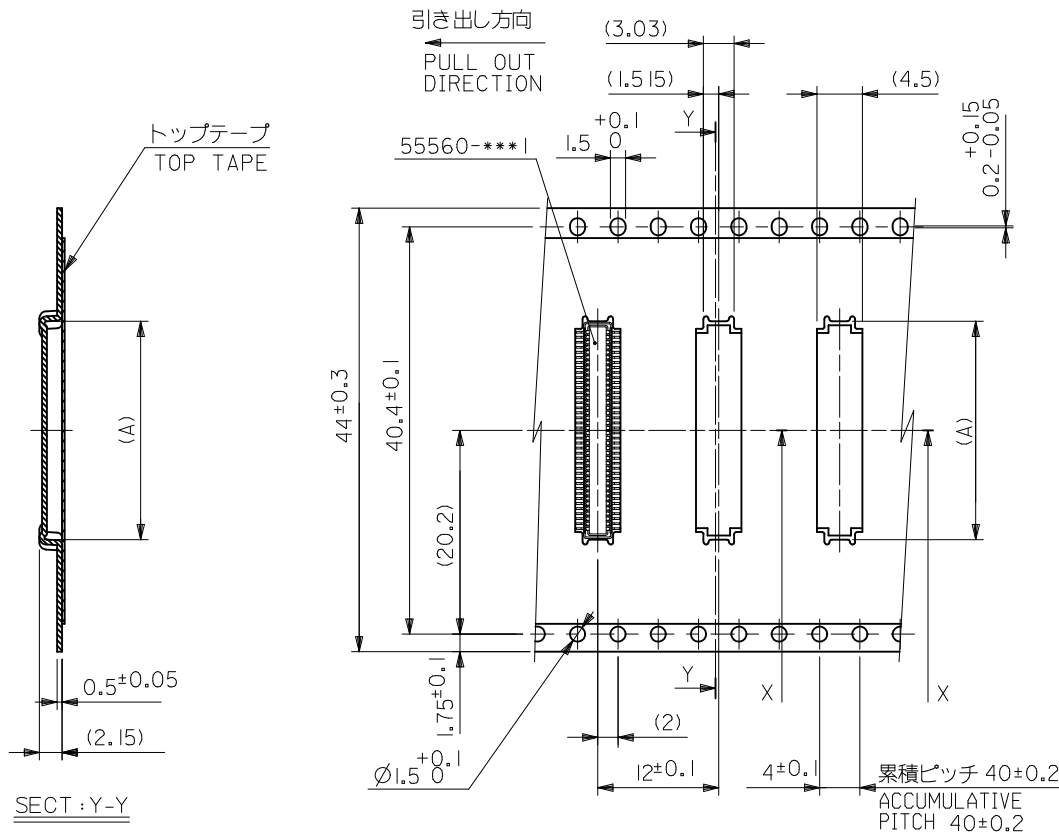
E

D

C

B

A



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: SMURUYAMA APPR: MSASAO 2010/01/28 2010/02/01 2010/02/01	DESCRIPTION	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-T0-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	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-55560-007			5 OF 5	
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								