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Part Number:

5017500874

Status:

Active

Overview:

slimstack_0635mm_025_pitch

Description:

0.635mm (.025") Pitch SlimStack™ Board-to-Board Plug, SMT, Dual Row, Vertical Stacking, 5.00mm (.197") Stacking Height, Gold (Au) Plating, With Cover, Embossed Tape, 80 Circuits

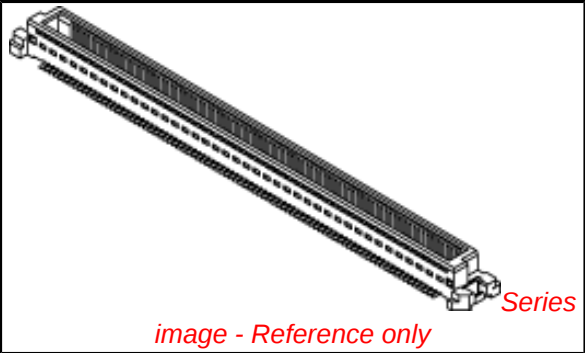


image - Reference only

Documents:

3D Model

Drawing (PDF)

Product Specification PS-501749-001 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	501750
Application	Board-to-Board
Comments	Stacking-Type
Overview	slimstack_0635mm_025_pitch
Product Name	SlimStack™
Physical	
Breakaway	No
Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Natural
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	None
Mated Height (in)	0.197 In
Mated Height (mm)	5.00 mm
Material - Metal	Brass, Phosphor Bronze, Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
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
Plating min: Mating (µin)	30.4
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	80
Plating min: Termination (µm)	2
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Metal Cap
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

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

501750Series

Mates With

501749 PCB Receptacle

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

Material Info

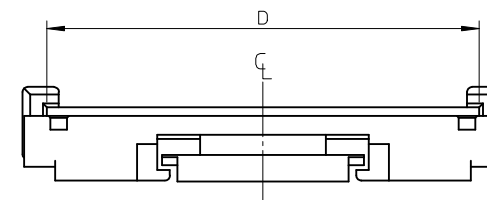
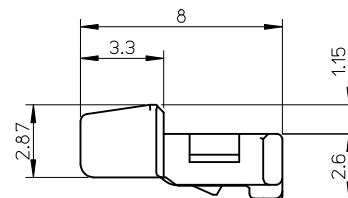
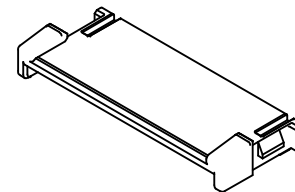
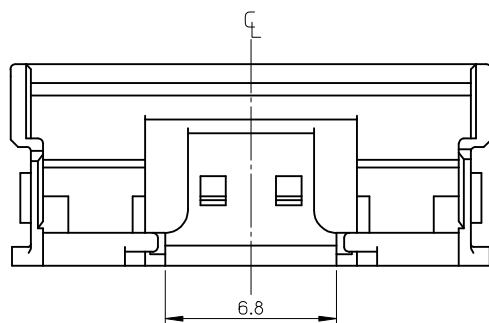
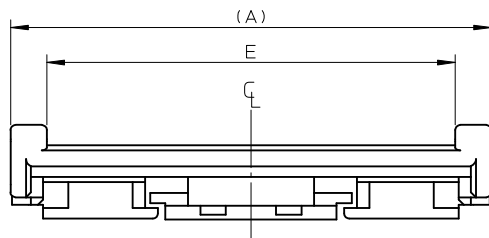
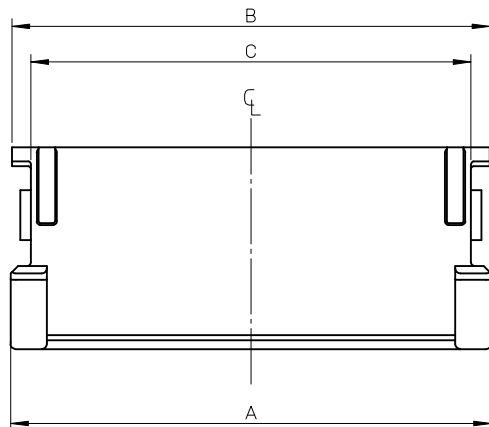
Reference - Drawing Numbers

Product Specification	PS-501749-001
Sales Drawing	SD-501750-001, SD-501750-002

This document was generated on 05/26/2010

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16.2	17.16	17.46	18.96	19.08	501783-3009	30
E	D	C	B	A	MATERIAL NO.	極 数

S	DIMENSION STYLE MM ONLY		SCALE //	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	DRAWN BY H.IIJIMA	DATE 07/11/27	TITLE 0.5 FPC TO BOARD CONN. PLUG JACKET		
.2	CHECKED BY K.MORIKAWA	DATE 07/11/27			
.25	APPROVED BY H.HIRATA		MOLEX INCORPORATED		
.3	DATE 07/11/27				
	MATERIAL NO. 501783-**09		DOCUMENT NO. SD-501783-004		SHEET NO. 1 OF 1
FILE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

注 記
NOTES

- 適合プラグジャケットカバー : 501784-**08, -**09
APPLICABLE PLUG JACKET COVER : 501784-**08, -**09
- 材 質
MATERIAL
PBT, UL94V-0, 色 : 黒色
PBT, UL94V-0, COLOR:BLACK
- ELV及びRoHS適合品
ELV AND RoHS COMPLIANT

REVISED	EC NO: J2009-1715	2009/02/04	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	DRWN:MTAKASAKI	2009/02/05		10 UNDER	±0.2
	CHKD:MHAYASHI	2009/02/05		10 OVER 30 UNDER	±0.25
	APPR:NUKITA	2009/02/05		30 OVER	±0.3
	REV			ANGULAR	±1 °
A			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		