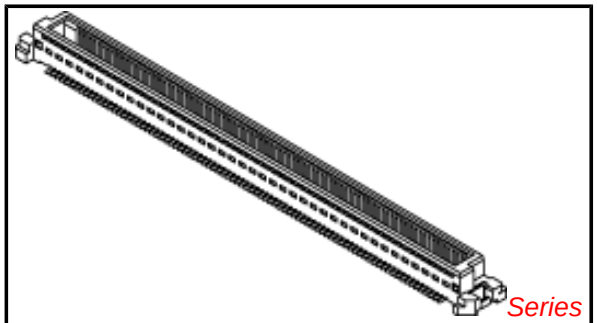
This document was generated on 05/26/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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



Series 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

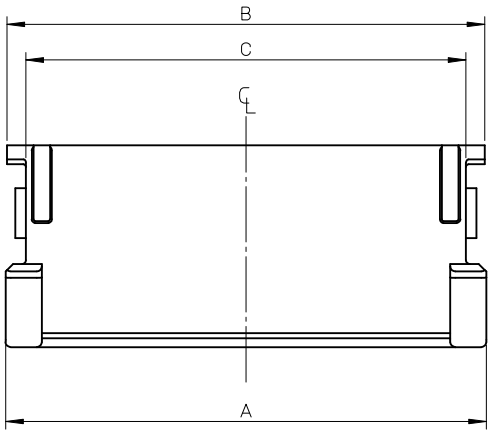
Material Info

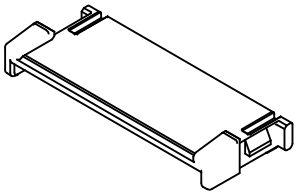
Reference - Drawing Numbers

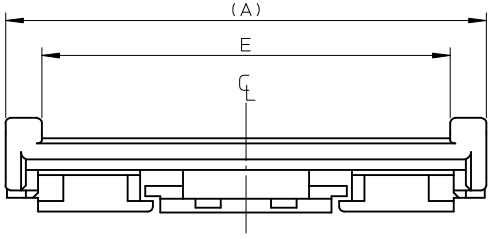
Product Specification	PS-501749-001
Sales Drawing	SD-501750-001, SD-501750-002

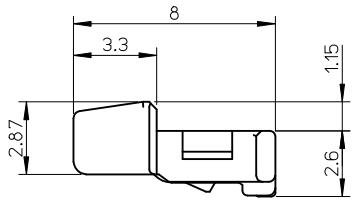
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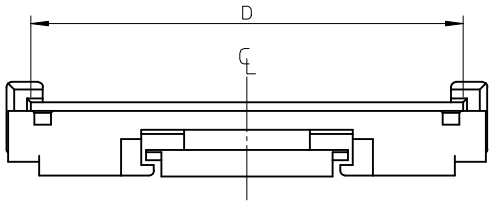
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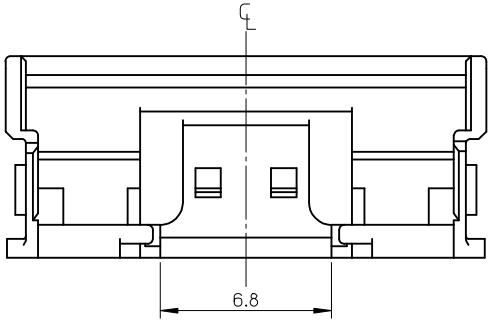












注 記
NOTES

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

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

REVISED
EC NO: J2009-1715 2009/02/04
DRWN:MTAKASAKI 2009/02/05
CH'KD:MHAYASHI 2009/02/05
APPR:NUKITA 2009/02/05
DESCRIPTION
REV
A

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE:
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: H.IIJIMA DATE: 07/11/27
CHECKED BY: K.MORIKAWA DATE: 07/11/27
APPROVED BY: H.HIRATA DATE: 07/11/27

TITLE: 0.5 FPC TO BOARD CONN. PLUG JACKET

MOLEX INCORPORATED

MATERIAL NO.: 501783-**09
DOCUMENT NO.: SD-501783-004
SHEET NO.: 1 OF 1
SIZE: A3

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