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**55091-0274**

Molex

Board to Board & Mezzanine Connectors .635 HEADER SURFACE  
MNT 20 CKT

Any questions, please feel free to contact us.  
[info@kaimte.com](mailto:info@kaimte.com)

**Part Number:** [0550910274](#)  
**Status:** **Active**  
**Overview:** [SlimStack Board-to-Board/Board-to-FPC Connectors](#)  
**Description:** SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Plug, 6.00 or 12.00mm Mated Height, 6.40mm Mated Width, 20 Circuits

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Product Guide (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 527600000-000 (PDF)</a>	<a href="#">Reference Guide (PDF)</a>
<a href="#">Packaging Specification 550919200-200 (PDF)</a>	

**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">55091</a>
Application	Board-to-Board, Signal
Comments	Stacking-Type
Overview	<a href="#">SlimStack Board-to-Board/Board-to-FPC Connectors</a>
Product Name	SlimStack
Series Name	0.635, Rigid
UPC	822348192366

**Physical**

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	12.00mm, 6.00mm
Mated Width	6.40mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	263.772/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.635mm
Polarized to PCB	Yes
Robotic Placement	Metal Cap
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

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

**Material Info**



**EU ELV**  
**Not Released**

**EU RoHS**  
**Compliance**  
**REACH**  
Not Contained  
D(2021)4  
July 2021  
**Halogen**  
**Status**  
**Low-Halogen**  
For more information

China RoHS  
ELV  
RoHS PH

**Search**  
55091

**Mates**  
SlimStack

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

550919200-200

527600000-000

SD-55091-006-001, SD-55091-007-001

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