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Part Number: **5024431270**
Status: **Active**
Overview: CLIK-Mate™ Wire-to-Board Connectors
Description: 2.00mm Pitch CLIK-Mate™ Wire-to-Board PCB Receptacle, Single Row, Vertical, 12 Circuits

Documents:

3D Model	Application Specification AS-502439-001 (PDF)
Drawing (PDF)	Application Specification AS-502439-002 (PDF)
Product Specification PS-502443-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

Product Family	PCB Receptacles
Series	502443
Application	Signal, Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
MolexKits	Yes
Overview	CLIK-Mate™ Wire-to-Board Connectors
Product Name	CLIK-Mate™
UPC	822350916967

Physical

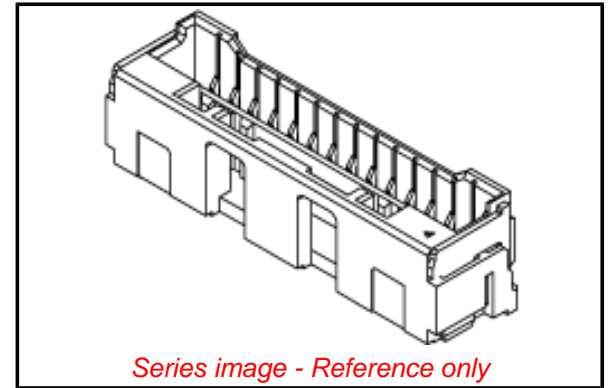
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	10.90mm
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	1945.601/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/39/2015 (15 June 2015)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

China RoHS

Green Image

Not Relevant

Search Parts in this Series

[502443 Series](#)

Mates With

[502439 Crimp Housing](#)

Application Specification
Product Specification

Sales Drawing

AS-502439-001, AS-502439-002
PS-502443-001, RPS-502443-001, RPS-502443-002,
RPS-502443-003, RPS-502443-004, RPS-502443-005,
RPS-502443-007, RPS-502443-008, RPS-502443-009,
RPS-502443-010, RPS-502443-011, RPS-502443-012
SD-502443-002, SD-502443-003

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