



Part Number : [2058272041](#)

Series Number : 205827

Product Category : Connector Housings

Product Description : ConnTAK50 Tang Receptacle, Single Row, 4 Circuits, Key A, Black

Status : Active

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## Documents & Resources

### Drawings

[Drawing 2058272041\\_sd.pdf](#)

[Packaging Design Drawing PK-31301-538-001.pdf](#)

[Packaging Design Drawing PK-31301-538-001.pdf](#)

### 3D Models and Design Files

[3D Model 2058272041\\_stp.zip](#)

### Specifications


[Application Specification 2046310000-AS-000.pdf](#)

[Product Specification 2046310000-PS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Connector Housings
Series	205827
Description	ConnTAK50 Tang Receptacle, Single Row, 4 Circuits, Key A, Black
Application	Automotive, Power, Signal, Wire-to-Board
Product Family	ConnTAK50 Connector System
Product Name	ConnTAK50
UPC	193264109098

### Physical

Circuits (maximum)	4
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	PBT
Net Weight	0.584/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	1.80mm
Pitch - Termination Interface	1.80mm
Polarization	A
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +100°C USCAR Class T2, -40° to +105°C LV-214

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
ConnTAK50 Right-Angle, Single Row, Surface Mount Headers	<u><a href="#">208033</a></u>
ConnTAK50 Vertical, Single Row, Surface Mount Headers	<u><a href="#">208035</a></u>

### Use with Part(s)

Description	Part Number
TAK50 Receptacle Terminal, Unsealed, L-Grip, D-Wind, Left Reel Payoff	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/2000963101.html">/content/molex/molex-dot-com/us/en/products/product-page.html/2000963101.html</a></u>
TAK50 Receptacle Terminal, Unsealed, L-Grip, B-Wind, Right Reel Payoff	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/2000963161.html">/content/molex/molex-dot-com/us/en/products/product-page.html/2000963161.html</a></u>
TAK50 Receptacle Terminal, Unsealed, S-Grip, D-Wind, Left Reel Payoff	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/2000963201.html">/content/molex/molex-dot-com/us/en/products/product-page.html/2000963201.html</a></u>
TAK50 Receptacle Terminal, Unsealed, S-Grip, B-Wind, Right Reel Payoff	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/2000963261.html">/content/molex/molex-dot-com/us/en/products/product-page.html/2000963261.html</a></u>