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Part Number:

0535170730

Status:

Active

Overview:

Mini-Lock Wire-to-Board Connector System

Description:

2.50mm Pitch, Mini-Lock PCB Header, Single Row, Vertical, Through Hole, Matte Tin Plating, Positive Lock, 7 Circuits, with Potting Capability, Tray, 3.50mm PC Tail Length, Natural



Series image - Reference only

Documents:	
3D Model	Product Specification 511631000-PS-000 (PDF)
Drawing (PDF)	Packaging Specification 535179200-SPK-200 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 511030000-PS-000 (PDF)	Product Literature (PDF)
Product Specification 511630000-PS-000 (PDF)	

Agency Certification	
UL	E29179
General	
Product Family	PCB Headers
Series	53517
Application	Signal, Wire-to-Board
Comments	GWT performed on end product as per IEC 60695-2-11
Overview	Mini-Lock Wire-to-Board Connector System
Product Name	Mini-Lock
UPC	191128828628
Physical	
Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Capable	Yes - see comments above
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Matte Tin
Material - Resin	Polyamide
Net Weight	1569.017/mg
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.50mm
Plating min - Mating	1.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole - Kinked Pin
Electrical	
Current - Maximum per Contact	3.5A

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)4569-DC (8 July 2021)	
Halogen-Free	
Status	
Not Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

53517 Series

Mates With

Mini-Lock Receptacle [51163](#) . Mini-Lock Cable Assembly [15137](#)

Voltage - Maximum	250V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Packaging Specification	535179200-SPK-200
Product Specification	511030000-PS-000, 511630000-PS-000, 511631000-PS-000
Sales Drawing	535170000-SD-001

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