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Part Number:

0436500210

Status:

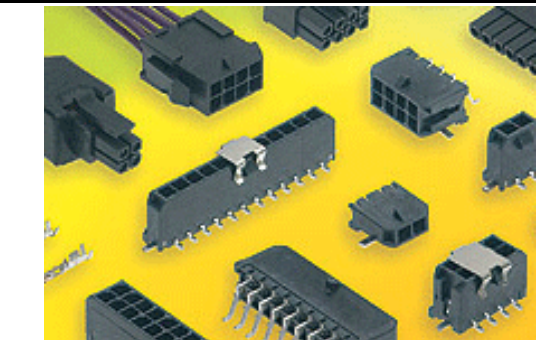
Active

Overview:

Micro-Fit 3.0™ Connectors

Description:

Micro-Fit 3.0™ Right Angle Header, 3.00mm Pitch, Single Row, 2 Circuits, with PCB Press-fit Metal Retention Clip, Gold, Glow Wire Capable, Black



Series image - Reference only

Documents:	
<a href="#">3D Model</a>	<a href="#">Product Specification TS-46235-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 708730000-PK-000 (PDF)</a>
<a href="#">Product Specification PS-43650 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification TS-43045-001-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Product Specification TS-43045-002-001 (PDF)</a>	

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	43650
Application	Power, Wire-to-Board
Comments	"High Temperature Square Pin Solder Type<P><P>This Molex product is manufactured from material that has the following ratings, tested by independent agencies:. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <P><P> The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options."
Overview	<a href="#">Micro-Fit 3.0™ Connectors</a>
Product Literature Order No	987650-5984
Product Name	Micro-Fit 3.0™
UPC	800753853201

Physical	
Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Compliant	Yes
Mated Height	6.98mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin

**EU ELV**  
**Not Relevant**

<b>EU RoHS</b> <b>Compliant</b> <b>REACH SVHC</b> Not Contained Per -ED/01/2017 (12 January 2017) <b>Halogen-Free</b> <b>Status</b> <b>Low-Halogen</b>	<b>China RoHS</b>
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**Need more information on product environmental compliance?**

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**  
[43650](#) Series

**Mates With**  
[43645](#) Micro-Fit 3.0™ Receptacle Housing

Material - Resin	High Temperature Thermoplastic
Net Weight	0.553/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	3.00mm
Plating min - Mating	0.381μm
Plating min - Termination	2.540μm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount
<b>Electrical</b>	
Current - Maximum per Contact	5.0A
Voltage - Maximum	600V
<b>Solder Process Data</b>	
Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
<b>Material Info</b>	
<b>Reference - Drawing Numbers</b>	
Packaging Specification	708730000-PK-000
Product Specification	PS-43650, TS-43045-001-001, TS-43045-002-001, TS-46235-001-001
Sales Drawing	SD-43650-004