

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0436500910**
Status: **Active**
Overview: Micro-Fit 3.0™ Connectors
Description: Micro-Fit 3.0™ Right Angle Header, 3.00mm Pitch, Single Row, 9 Circuits, with PCB Press-fit Metal Retention Clip, Gold, Glow Wire Compliant, Black

Documents:

3D Model	Test Summary TS-43045-002 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-43650 (PDF)	Product Literature (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	<u>43650</u>
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	<u>Micro-Fit 3.0™ Connectors</u>
Product Literature Order No	987650-5984
Product Name	Micro-Fit 3.0™
UPC	800754776226

Physical

Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
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
Material - Resin	High Temperature Thermoplastic
Net Weight	1.521/g



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

No -ED/39/2015 (15 June 2015)

Halogen-Free

Status

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

Green Image
Not Relevant

Search Parts in this Series

43650 Series

Mates With

43645 Micro-Fit 3.0™ Receptacle Housing

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

Electrical

Current - Maximum per Contact	5.0A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	030
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Product Specification	PS-43650
Sales Drawing	SD-43650-004
Test Summary	TS-43045-002

This document was generated on 12/03/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [molex manufacturer](#):

Other Similar products are found below :

[60506-C-50](#) [73108](#) [72903](#) [1062837003](#) [0533241060](#) [68301-1017](#) [71506-C](#) [880504](#) [387790039](#) [53254-0710](#) [85071-0017](#) [387204903](#)
[783472003](#) [514412093](#) [0026482195](#) [0191310031](#) [503308-4410](#) [02-09-6102](#) [0008650814](#) [791099208](#) [0039000218](#) [89762-1403](#) [89762-1542](#)
[89762-1582](#) [0011404526](#) [00136](#) [0022173102](#) [0026615060](#) [CR4006A30M003](#) [0039532085](#) [58098-0628](#) [0003092041](#) [0008520123](#)
[0011030025](#) [0011184017](#) [0022162060](#) [0022552102](#) [01312](#) [M15730061](#) [61432](#) [6150300002](#) [CS63W64](#) [CS8264N](#) [CS8365N](#) [CS8369](#)
[62201-8780](#) [62500-1774](#) [M37730026](#) [63103-50](#) [63443-2215](#)