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Part Number: [0436500410](#)

Status: **Active**

Overview: [microfit_30](#)

Description: 3.00mm (.118") Pitch Micro-Fit 3.0™ Header, Surface Mount Compatible, Single Row, Right Angle, with PCB Press-fit Metal Retention Clip, 4 Circuits, 0.38μm (15μ") Gold (Au) Selective Plating, Glow Wire Compatible

Documents:

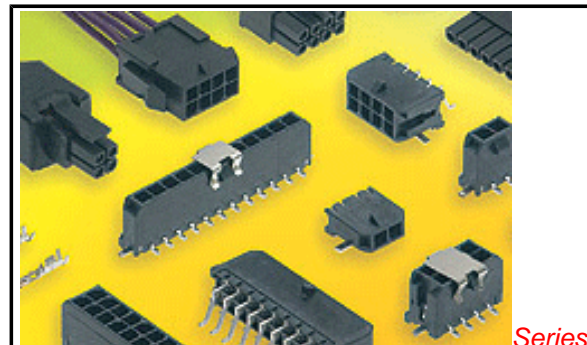
[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-43650 \(PDF\)](#)

[Test Summary TS-43045-002 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)



Series

image - Reference only

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	PCB Headers
Series	43650
Application	Power, Wire-to-Board
Comments	Glow Wire Equivalent Part Number 436500410 , High Temperature, Square Pin, Solder Type
Overview	microfit_30
Product Literature Order No	USA-106
Product Name	Micro-Fit 3.0™

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Compliant	Yes
Mated Height	6.98mm (.275")
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm (.063")
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	3.00mm (.118")
Plating min - Mating	0.381μm (15μ")
Plating min - Termination	2.540μm (100μ")
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[43650Series](#)

Mates With

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

Current - Maximum per Contact	5A
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	30
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

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

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