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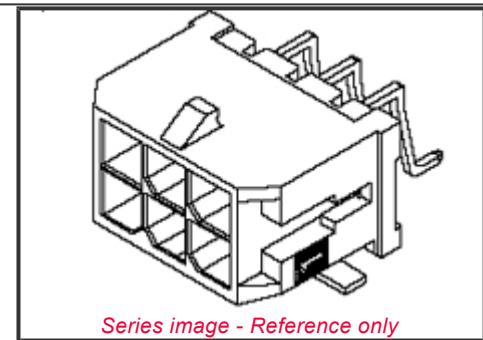
Part Number:
0430450809

Status:
Active

Overview:
Micro-Fit, 3.0™

Description:
3.00mm (.118") Pitch Micro-Fit 3.0™ Header, Surface Mount, Dual Row, Right Angle, with Solder Tab, 8 Circuits, Tin (Sn) Plating, Glow Wire Compatible

Documents: *Note - Please disable browser pop-up blockers for documents on www.molex.com*
[Drawing \(PDF\)](#) [Product Specification PS-43045 \(PDF\)](#)



Series image - Reference only

EU RoHS
ELV and RoHS
Compliant

REACH SVHC
Contains SVHC: No

Halogen-Free
Status
Halogen-Free

China RoHS



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General

Product Family	PCB Headers
Series	43045
Application	Wire-to-Board
Comments	Glow Wire Equivalent Part Number 430450809 High Temperature, Square Pin, Solder Type
Overview	Micro-Fit 3.0™
Product Literature Order No	USA-106
Product Name	Micro-Fit 3.0™

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Compliant	Yes
Mated Height (in)	0.405 In
Mated Height (mm)	10.29 mm
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.118 In
Pitch - Mating Interface (mm)	3.00 mm
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.50
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.50
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

Electrical(Please review the Product Specification for specific details.)

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

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

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-43045, RPS-43045-003, RPS-43045-004
Sales Drawing	SD-43045-004