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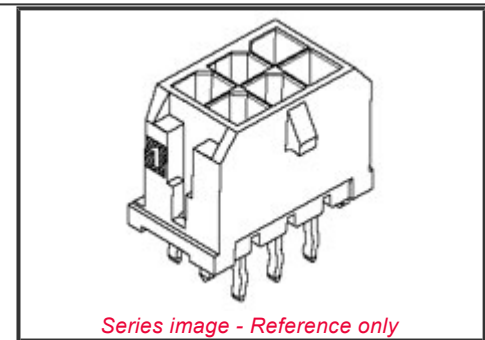
Part Number:
0430450612

Status:
Active

Overview:
Micro-Fit, 3.0™

Description:
3.00mm (.118") Pitch Micro-Fit 3.0™ Header, Surface Mount Compatible, Dual Row, Vertical, with PCB Polarizing Peg, 6 Circuits, Tin (Sn) Plating, Glow Wire Compatible, with Kinked PC Tails, Glow Wire Compatible

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



EU RoHS
ELV and RoHS
Compliant

REACH SVHC
Contains SVHC: No

Halogen-Free
Status
Halogen-Free

China RoHS



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Product Family	PCB Headers
Series	43045
Application	Wire-to-Board
Comments	Glow Wire Equivalent Part Number 430450612 High Temperature, Square Pin, Offset Through Hole Mounting, Solder Type
Overview	Micro-Fit 3.0™
Product Literature Order No	USA-106
Product Name	Micro-Fit 3.0™

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Compliant	Yes
Mated Height (in)	0.680 In
Mated Height (mm)	17.27 mm
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.118 In
Pitch - Mating Interface (mm)	3.00 mm
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.5
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Kinked Pin

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 30
(seconds)

Lead-free Process Capability SMC & Wave Capable (TH 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-43045-005