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Part Number:	0430450418		
Status:			
	Active		
Overview:	microfit_30		
Description:		ch Micro-Fit 3.0™ Header, Surface Mount, Dual Row, Vertical, with	6 CA
	Solder Tab, 4 Circu	uits, Tin (Sn) Plating, Glow Wire Compatible	
			a l'
Documents:			
3D Model		Product Specification PS-43045 (PDF)	
Drawing (PDF)		RoHS Certificate of Compliance (PDF)	
			Series
Agency Certific	ation		image - Reference only
CSA		LR19980	
TUV		R72081037	EU RoHS China RoHS
UL		E29179	ELV and RoHS
		E23173	Compliant
General			REACH SVHC
Product Family		PCB Headers	Contains SVHC: No
Series		43045	Low-Halogen Status
Application		Power, Wire-to-Board	Low-Halogen
Comments		Glow Wire Equivalent Part Number <u>430450418.</u> High	
Commonito		Temperature, Square Pin, Solder Type	Need more information on product
Overview		microfit_30	environmental compliance?
Product Literature Order No		USA-106	Email productcompliance@molex.com
Product Name		Micro-Fit 3.0™	For a multiple part number RoHS Certificate of
1 Toddot Namo			Compliance, <u>click here</u>
Physical			Compliance, <u>click here</u>
Breakaway		No	Please visit the Contact Us section for any
Circuits (Loaded)		4	non-product compliance questions.
Circuits (maximum)		4	
Color - Resin		Black	
Durability (mating c	vcles max)	30	
Flammability		94V-0	Search Parts in this Series
Glow-Wire Complia	nt	Yes	43045Series
Mated Height		17.27mm (.680")	
Material - Metal		Brass	Mates With
Material - Plating Mating		Tin	43025
Material - Plating Termination		Tin	
Material - Resin		High Temperature Thermoplastic	
Number of Rows		2	
Orientation		Vertical	
PCB Locator		Yes	
PCB Retention		Yes	
PCB Thickness - Recommended		1.60mm (.063")	
Packaging Type		Embossed Tape on Reel	
Pitch - Mating Interface		3.00mm (.118 <sup>"</sup> )	
Plating min - Mating		0.889µm (35µ")	
Plating min - Termination		0.889µm (35µ")	
Polarized to PCB		Yes	
Shrouded		Fully	
Stackable		No	
Surface Mount Compatible (SMC)		N/A	
Temperature Range	e - Operating	-40°C to +105°C	
Termination Interfac		Surface Mount	
	-		

## Electrical

Current - Maximum per Contact

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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	
	Application Specification	AS-43555-001
	Packaging Specification	PK-70873-05**
L	Product Specification	PS-43045 RPS-43045-003 RPS-4

Application Specification Packaging Specification Product Specification Sales Drawing Test Summary AS-43555-001 PK-70873-05\*\* PS-43045, RPS-43045-003, RPS-43045-004 SD-43045-007 TS-43045-001

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