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Part Number: Status: Overview: Description:		ace Mount Compatible, Single Row, Right Angle, with um Gold (Au) Selective Plating, Glow Wire Compatible	
Documents: <u>3D Model</u> Drawing (PDF) Product Specification	PS-43650 (PDF)	Test Summary TS-43045-002 (PDF) RoHS Certificate of Compliance (PDF) Product Literature (PDF)	image - Reference only
Agency Certifica CSA TUV UL General Product Family Series	ition	LR19980 R72081037 E29179 PCB Headers <u>43650</u>	EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen
Application Comments		Power, Wire-to-Board "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</p></p>	Need more information on product environmental compliance?Email productcompliance@molex.comFor a multiple part number RoHS Certificate of Compliance, click herePlease visit the Contact Us section for any non-product compliance questions.
		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."</p></p></p>	Search Parts in this Series 43650Series Mates With 43645 Micro-Fit 3.0™ Receptacle Housing
Overview Product Literature Or Product Name UPC	der No	Micro-Fit 3.0 [™] Connectors 987650-5984 Micro-Fit 3.0 [™] 800753342767	
Physical Breakaway Circuits (Loaded) Circuits (maximum) Color - Resin Durability (mating cyc Flammability Glow-Wire Compliant Mated Height Material - Metal Material - Plating Mat	ting	No 2 2 Black 30 94V-0 Yes 6.98mm Brass Gold	

Tin

Material - Plating Mating Material - Plating Termination

Material - ResinHigh Temperature ThermoplasticNet Weight0.557/gNumber of Rows1OrientationRight AnglePCB LocatorYesPCB RetentionYesPCB Thickness - Recommended1.60mmPackaging TypeEmbossed Tape on ReelPitch - Mating Interface3.00mmPlating min - Mating0.381 µmPlating min - Termination2.540µmPolarized to PCBYesShroudedFullyStackableNoTemperature Range - Operating-40°C to +105°CTermination Interface: StyleSurface MountElectricalCurrent - Maximum per ContactCurrent - Maximum per Contact5AVoltage - Maximum600VSolder Process Data30Lead-free Process CapabilityReflow Capable (SMT only)Max. Cycles at Max. Process Temperature3Process Temperature max. C260Material InfoPS-43650Sales DrawingSD-43650-005Fest SummaryTS-43045-002			
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PCB Thickness - Recommended1.60mmPackaging TypeEmbossed Tape on ReelPitch - Mating Interface3.00mmPlating min - Mating0.381 µmPlating min - Termination2.540 µmPolarized to PCBYesShroudedFullyStackableNoTemperature Range - Operating-40°C to +105°CTermination Interface: StyleSurface MountElectricalCurrent - Maximum per Contact5AVoltage - Maximum600VSolder Process DataDuration at Max. Process Temperature (seconds)30Lead-free Process CapabilityReflow Capable (SMT only)Max. Cycles at Max. Process Temperature3Process Temperature max. C260Material InfoReference - Drawing NumbersProduct SpecificationPS-43650Sales DrawingSD-43650-005		PCB Locator	Yes
Packaging TypeEmbossed Tape on ReelPitch - Mating Interface3.00mmPlating min - Mating0.381µmPlating min - Termination2.540µmPolarized to PCBYesShroudedFullyStackableNoTemperature Range - Operating-40°C to +105°CTermination Interface: StyleSurface MountElectricalCurrent - Maximum per Contact5AVoltage - Maximum600VSolder Process DataDuration at Max. Process Temperature (seconds)30Lead-free Process CapabilityReflow Capable (SMT only)Max. Cycles at Max. Process Temperature3Process Temperature max. C260Material InfoReference - Drawing NumbersProduct SpecificationPS-43650Sales DrawingSD-43650-005		PCB Retention	Yes
Pitch - Mating Interface3.00mmPlating min - Mating0.381µmPlating min - Termination2.540µmPolarized to PCBYesShroudedFullyStackableNoTemperature Range - Operating-40°C to +105°CTermination Interface: StyleSurface MountElectricalCurrent - Maximum per Contact5AVoltage - Maximum600VSolder Process DataDuration at Max. Process Temperature (seconds)30Lead-free Process CapabilityReflow Capable (SMT only)Max. Cycles at Max. Process Temperature3Process Temperature max. C260Material InfoPs-43650Su-43650-005		PCB Thickness - Recommended	1.60mm
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Termination Interface: StyleSurface MountElectrical5ACurrent - Maximum per Contact5AVoltage - Maximum600VSolder Process Data30Duration at Max. Process Temperature (seconds)30Lead-free Process CapabilityReflow Capable (SMT only)Max. Cycles at Max. Process Temperature3Process Temperature max. C260Material InfoPS-43650Reference - Drawing NumbersPS-43650Product SpecificationSD-43650-005			
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Product SpecificationPS-43650Sales DrawingSD-43650-005		Material Info	
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1651 Summary 13-43043-002			
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