

## This document was generated on 04/01/2019 PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: Status: Overview: Description:	Is: Active   view: Micro-Fit 3.0 Connector System Product Family			
· ·	<u>1 PS-43045 (PDF)</u> 1 <u>PS-43045-001 (PDF)</u> 1 TS-43045-001-001 (PDF)	Product Specification TS-43045-002-001 (PDF) Product Specification TS-46235-001-001 (PDF) Packaging Specification PK-70873-0314-001 (PDF) RoHS Certificate of Compliance (PDF) Product Literature (PDF)	Series imag	e - Reference only
Agency Certificatio CSA UL	n	LR19980 E29179	EU ELV Not Relevant EU RoHS Compliant	<u>China RoHS</u>
General Product Family Series Application Comments		PCB Headers 43045 Power, Wire-to-Board """""High Temperature Square Pin Offset Through Hole Mounting 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 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."""""""High Temperature  Square Pin Offset Through Hole Mounting 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 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-</p></p></p></p></p></p></p>	China ROHS ELV RoHS Phthalates Search Parts in the 43045 Series Mates With Micro-Fit 3.0 Rect	n, please visit <u>Contact US</u> Green Image Not Relevant Not Contained

PhysicalBreakawayNoCircuits (Loaded)8Circuits (maximum)8Color - ResinBlackDurability (maing cycles max)30Flammability94V-0Glow-Vite CapableYesMaterial - NetalBrassMaterial - Plating MatingGoldMaterial - Plating TerminationTinMaterial - ResinHigh Temperature ThermoplasticNumber of Rows2OrientationYersPCB RetentionYesPCB RetentionYesPCB RetentionYesPCB RetentionYesPCB RetentionYesPolarized to PCBYesShroudedSuffaceSurface Mount Compatible (SMC)YesShroudedSufface Mount Compatible (SMC)Surface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTermination Interface:SyleSolder Process Data030Duration at Max. Process Temperature (seconds)030Lead-IreeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoPr-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-002-001, TS-43045-001-001, TS-43045-001-001, TS-43045-002-001, TS-43045-001-001, TS-43045-002-001, TS-43045-002-001, TS-43045-001-001, TS-43045-002-001, TS-43045-001-001, TS-43045-002-001, TS-43045-001-001, TS-43045-001-001, TS-43045-002-001, TS-43045-001-001, TS-43045-001-001, T	Overview Product Literature Order No Product Name UPC	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.""""""" <u>Micro-Fit 3.0 Connector System Product Family</u> 987650-5984 Micro-Fit 3.0 800753822511</p>
BreakawayNoCircuits (Loaded)8Circuits (Loaded)8Circuits (Loaded)8Color - ResinBlackDurability (mating cycles max)30Flammability94V-0Glow-Wire CapableYesMater Height17.64mmMaterial - MetalBrassMaterial - Plating MatingGoldMaterial - Plating TerminationTinMaterial - ResinHigh Temperature ThermoplasticNet Weight1.321/gNumber of Rows2OrientationYesPCB RetentionYesPCB Thickness - Recommended1.60mmPackaging TypeTrayPitch - Mating Interface3.00mmPlating min - Mating0.762µmPolarized to PCBYesShroudedFullyStackableNoSurace Mount Compatible (SMC)YesTemperature Range - Operating-40° to ±105°CTemperature Range - Operating-40° to ±105°CTermination Interface: StyleThrough Hole - Kinked PinElectrical030Current - Maximum per Contact8.5AVoltage - Maximum600VSolder Process Data <th>Physical</th> <th></th>	Physical	
Circuits (Loaded)8Circuits (maximum)8Color - ResinBlackDurability (mating cycles max)30Flammability94V-0Glow-Wire CapableYesMated Height17.64mmMaterial - NetalBrassMaterial - NetalBrassMaterial - NetalBrassMaterial - NetalBrassMaterial - ResinHigh Temperature ThermoplasticNet Weight1.321/gNumber of Rows2OrientationVerticalPCB LocatorYesPCB RetentionYesPCB Thickness - Recommended1.60mmPackaging TypeTrayPithon - Mating0.762µmPolarized to PCBYesShroudedFullyStackableNoSurface Mount Compatible (SMC)YesTermination Interface:8.5AVoltage - Maximum600VSolder Process Data030Duration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax Cycles at Max. Process Temperature030Process Temperature max. C260Material InfoPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationSuf-43045-0001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001		No
Circuits (maximum)8Color - ResinBlackDurability (mating cycles max)30Flammability (mating cycles max)30Glow-Wire CapableYesMated Height17.64mmMaterial - MetalBrassMaterial - Plating MatingGoldMaterial - Plating TerminationTinMaterial - ResinHigh Temperature ThermoplasticNet Weight1.321/gNumber of Rows2OrientationYesPCB ExtentionYesPCB RetentionYesPCB Thickness - Recommended1.60mmPackaging TypeTrayPitch - Mating Interface3.00mmPlating min - Mating0.762µmPolarized to PCBYesShroudedFullyStackableNoSurface Mount Compatible (SMC)YesTermination Interface:8.5AOutroet8.5AVoltage - Maximum600VSolder Process Data0.30Duration at Max. Process Temperature (seconds)0.30Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature (seconds)0.30Process Temperature max. C260Material InfoFK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPK-43045-002-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001		
Color - ResinBlackDurability (mating cycles max)30Flammability94V-0Glow-Wire CapableYesMated Height17.64mmMaterial - Plating MatingGoldMaterial - Plating TerminationTinMaterial - ResinHigh Temperature ThermoplasticNumber of Rows2OrientationYesPCB RetentionYesPCB RetentionYesPCB Thickness - Recommended1.60mmPackaging TypeTrayPitch - Mating Interface3.00mmPolarized to PCBYesShroudedFullySurface Mount Compatible (SMC)YesSurface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTemperature Range - Operating-40° to +105°CTermination Interface:StyleDuration at Max. Process Temperature (seconds)030Lead-freeProcess Data030Duration at Max. Process Temperature (seconds)030Process Temperature max. C260Material InfoPK-70873-0314-001Reference - Drawing NumbersPackaging SpecificationProcust Temperature Second-Dot-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001Sales DrawingSD-43045-002		
Durability (mating cycles max)30Flammability94V-0Glow-Wire CapableYesMaterial - MetalBrassMaterial - Plating MatingGoldMaterial - Plating TerminationTinMaterial - ResinHigh Temperature ThermoplasticNet Weight1.321/gNumber of Rows2OrientationVerticalPCB RetentionYesPCB RetentionYesPCB RetentionYesPCB RetentionYesPCB Thickness - Recommended1.60mmPackaging TypeTrayPitch - Mating Interface3.00mmPlating min - Mating0.762µmPolarized to PCBYesStroudedFullyStrackableNoSurface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTermination Interface:8.5AVoltage - Maximum600VSolder Process Data030Duration at Max. Process Temperature030Process Temperature max. C260Material InfoPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPK-43045-02-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001		-
Flammability94V-0Glow-Wire CapableYesMated Height17.64mmMaterial - NetalBrassMaterial - Plating MatingGoldMaterial - Plating TerminationTinMaterial - ResinHigh Temperature ThermoplasticNet Weight1.321/gNumber of Rows2OrientationVerticalPCB LocatorYesPCB Trickness - Recommended1.60mmPackaging TypeTrayPitot - Mating Interface3.00mmPlating min - Mating0.762µmPolarized to PCBYesStroudedFullyStackableNoSurface Mount Compatible (SMC)YesTermination Interface:StyleThrough Hole - Kinked PinElectricalCurrent - Naximum per ContactCurrent - Naximum600VSolder Process Data030Duration at Max. Process Temperature (seconds)030Process Temperature man. C260Material InfoReference - Drawing NumbersPackaging SpecificationProduct SpecificationPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationSD-43045-002-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001		
Glow-Wire CapableYesMated Height17.64mmMaterial - Plating MatingGoldMaterial - Plating TerminationTinMaterial - ResinHigh Temperature ThermoplasticNet Resin1.321/gNumber of Rows2OrientationVerticalPCB LocatorYesPCB RetentionYesPCB RetentionYesPCB Thickness - Recommended1.60mmPackaging TypeTrayPitch - Mating Interface3.00mmPlating min - Mating0.762µmPolarized to PCBYesShroudedFullyStrackableNoSurface Mount Compatible (SMC)YesTermerature Range - Operating-40° to +105°CTermerature Range - Operating-40° to +105°CTermerature Range - Operating-40° to +105°CTermination Interface: StyleThrough Hole - Kinked PinElectricalCurrent - Maximum per Contact8.5AOtige - Maximum600VSolder Process Data030Lorad-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPK-43045-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001		94V-0
Material - MetalBrassMaterial - Plating MatingGoldMaterial - Plating TerminationTinMaterial - ResinHigh Temperature ThermoplasticNumber of Rows2OrientationVerticalPCB LocatorYesPCB RetentionYesPCB Thickness - Recommended1.60mmPackaging TypeTrayPitch - Mating Interface3.00mmPlating min - Mating0.762µmPolarized to PCBYesShroudedFullyStackableNoSurface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTermination Interface:StyleDuration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPK-43045-002-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001Sales DrawingSD-43045-002-001, TS-43045-001-001		Yes
Material - Plating MatingGoldMaterial - Plating TerminationTinMaterial - ResinHigh Temperature ThermoplasticNet Weight1.321/gNumber of Rows2OrientationVerticalPCB LocatorYesPCB RetentionYesPCB Thickness - Recommended1.60mmPackaging TypeTrayPitch - Mating Interface3.00mmPlating min - Mating0.762µmPolarized to PCBYesShroudedFullyStackableNoSurface Mount Compatible (SMC)YesTermination Interface: StyleThrough Hole - Kinked PinElectricalCurrent - Maximum per ContactVoltage - Maximum600VSolder Process Data030Duration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoFK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationSN-43045-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001	Mated Height	17.64mm
Material - Plating TerminationTinMaterial - ResinHigh Temperature ThermoplasticNet Weight1.321/gNumber of Rows2OrientationVerticalPCB LocatorYesPCB RetentionYesPCB RetentionYesPCB Thickness - Recommended1.60mmPackaging TypeTrayPitch - Mating Interface3.00mmPlating min - Mating0.762µmPolarized to PCBYesShroudedFullyStackableNoSurface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTermination Interface:StyleCurrent - Maximum per Contact8.5AVoltage - Maximum600VSolder Process Data030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPK-43045-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001Sales DrawingSD-430045-009	Material - Metal	Brass
Material - ResinHigh Temperature ThermoplasticNet Weight1.321/gNumber of Rows2OrientationVerticalPCB LocatorYesPCB RetentionYesPCB Thickness - Recommended1.60mmPackaging TypeTrayPitch - Mating Interface3.00mmPlating min - Mating0.762µmPolarized to PCBYesShroudedFullyStackableNoSurface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTermination Interface: StyleThrough Hole - Kinked PinElectricalCurrent - Maximum per ContactCurrent - Maximum per Contact8.5AVoltage - Maximum600VSolder Process Data030Duration at Max. Process Temperature033Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature260Material InfoPK-70873-0314-001Reference - Drawing NumbersPackaging SpecificationPackaging SpecificationPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPK-43045-002-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001Sales DrawingSD-43045-003	Material - Plating Mating	Gold
Net Weight1.321/gNumber of Rows2OrientationVerticalPCB LocatorYesPCB RetentionYesPCB Thickness - Recommended1.60mmPackaging TypeTrayPitch - Mating Interface3.00mmPlating min - Mating0.762µmPolarized to PCBYesShroudedFullyStackableNoSurface Mount Compatible (SMC)YesTermperature Range - Operating-40° to +105°CTermperature Range - Operating-40° to +105°CTermination Interface: StyleThrough Hole - Kinked PinElectrical00VSolder Process Data030Duration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoReference - Drawing NumbersPackaging SpecificationPK-70873-0314-001Product SpecificationPS-43045-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-002-001, TS-43045-002-001, TS-43045-002-001, TS-43045-002-001, TS-43045-002-001Sales DrawingSD-43045-009		Tin
Number of Rows2OrientationVerticalPCB LocatorYesPCB RetentionYesPCB Thickness - Recommended1.60mmPackaging TypeTrayPitch - Mating Interface3.00mmPlating min - Mating0.762µmPolarized to PCBYesShroudedFullyStackableNoSurface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTermination Interface: StyleThrough Hole - Kinked PinElectricalCurrent - Maximum per Contact8.5AOvlage - Maximum600VSolder Process Data030Duration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoPK-70873-0314-001Reference - Drawing NumbersPs-43045-001, TS-43045-001-001, TS-43045-001-001, TS-43045-002-001, TS-43045-001-001, Sales DrawingSales DrawingSD-43045-009		• • •
OrientationVerticalPCB LocatorYesPCB RetentionYesPCB Thickness - Recommended1.60mmPackaging TypeTrayPitch - Mating Interface3.00mmPlating min - Mating0.762µmPolarized to PCBYesShroudedFullyStackableNoSurface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTermerature Range - Operating-40° to +105°CTermination Interface: StyleThrough Hole - Kinked PinElectricalCurrent - Maximum per ContactSolder Process Data030Duration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoPK-70873-0314-001Reference - Drawing NumbersPs-43045-001, TS-43045-001, TS-43045-001-001, TS-43045-001-001, TS-43045-002-001, TS-43045-001-001, Sales DrawingSales DrawingSD-43045-009		-
PCB LocatorYesPCB RetentionYesPCB Thickness - Recommended1.60mmPackaging TypeTrayPitch - Mating Interface3.00mmPlating min - Mating0.762µmPolarized to PCBYesShroudedFullyStackableNoSurface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTermination Interface: StyleThrough Hole - Kinked PinElectricalCurrent - Maximum per Contact8.5AVoltage - Maximum600VSolder Process Data030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPK-43045-002-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-44235-001-001, Sales Drawing		—
PCB RetentionYesPCB Thickness - Recommended1.60mmPackaging TypeTrayPitch - Mating Interface3.00mmPlating min - Mating0.762µmPolarized to PCBYesShroudedFullyStackableNoSurface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTermperature Range - Operating-40° to +105°CTermination Interface: StyleThrough Hole - Kinked PinElectricalCurrent - Maximum per ContactCurrent - Maximum per Contact8.5AVoltage - Maximum600VSolder Process Data030Duration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPS-43045-002-001, TS-43045-001-001, TS-46235-001-001, TS-46235-001-001, Sales DrawingSales DrawingSD-43045-009		
PCB Thickness - Recommended1.60mmPackaging TypeTrayPitch - Mating Interface3.00mmPlating min - Mating0.762µmPolarized to PCBYesShroudedFullyStackableNoSurface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTermination Interface: StyleThrough Hole - Kinked PinElectricalCurrent - Maximum per ContactCurrent - Maximum8.5AVoltage - Maximum600VSolder Process Data030Duration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPS-43045, PS-43045-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001Sales DrawingSD-43045-009		
Packaging TypeTrayPitch - Mating Interface3.00mmPlating min - Mating0.762µmPolarized to PCBYesShroudedFullyStackableNoSurface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTermination Interface: StyleThrough Hole - Kinked PinElectrical00VSolder Process Data030Duration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPS-43045-001, TS-43045-001-001, TS-43045-001-001Sales DrawingSD-43045-009		
Pitch - Mating Interface3.00mmPlating min - Mating0.762µmPolarized to PCBYesShroudedFullyStackableNoSurface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTermination Interface: StyleThrough Hole - Kinked PinElectricalCurrent - Maximum per ContactCurrent - Maximum per Contact8.5AVoltage - Maximum600VSolder Process Data030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPS-43045-001, TS-43045-001-001, TS-43045-001-001Sales DrawingSD-43045-009		
Plating min - Mating0.762µmPolarized to PCBYesShroudedFullyStackableNoSurface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTermination Interface: StyleThrough Hole - Kinked PinElectricalCurrent - Maximum per ContactCurrent - Maximum per Contact8.5AVoltage - Maximum600VSolder Process Data030Duration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPS-43045, PS-43045-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, Sales DrawingSules DrawingSD-43045-009		•
Polarized to PCBYesShroudedFullyStackableNoSurface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTermination Interface: StyleThrough Hole - Kinked PinElectricalCurrent - Maximum per Contact8.5AVoltage - Maximum600VSolder Process DataDuration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPS-43045, PS-43045-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001Sales DrawingSD-43045-009		
ShroudedFullyStackableNoSurface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTermination Interface: StyleThrough Hole - Kinked PinElectricalCurrent - Maximum per Contact8.5AVoltage - Maximum600VSolder Process DataDuration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPS-43045, PS-43045-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, Sales DrawingSales DrawingSD-43045-009		•
StackableNoSurface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTermination Interface: StyleThrough Hole - Kinked PinElectricalCurrent - Maximum per Contact8.5ACurrent - Maximum600VSolder Process DataO30Duration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoPK-70873-0314-001Reference - Drawing NumbersPS-43045, PS-43045-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, Sales DrawingSales DrawingSD-43045-009		
Surface Mount Compatible (SMC)YesTemperature Range - Operating-40° to +105°CTermination Interface: StyleThrough Hole - Kinked PinElectrical8.5ACurrent - Maximum per Contact8.5AVoltage - Maximum600VSolder Process Data030Duration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPS-43045, PS-43045-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001Sales DrawingSD-43045-009		•
Temperature Range - Operating Termination Interface: Style-40° to +105°C Through Hole - Kinked PinElectrical Current - Maximum per Contact8.5A 600VSolder Process Data Duration at Max. Process Temperature (seconds)030 Used-freeProcess CapabilityMax. Cycles at Max. Process Temperature003 260Process Temperature max. C260Material InfoPK-70873-0314-001 Product SpecificationPackaging Specification Product SpecificationPK-70873-0314-001 PS-43045-001, TS-43045-001-001, TS-43045-002-001, TS-46235-001-001 Sales Drawing		
Termination Interface: StyleThrough Hole - Kinked PinElectricalX.Current - Maximum per Contact8.5AVoltage - Maximum600VSolder Process Data030Duration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoPK-70873-0314-001Reference - Drawing NumbersPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPS-43045, PS-43045-001, TS-43045-001-001, TS-43045-001-001Sales DrawingSD-43045-009		-40° to +105°C
ElectricalCurrent - Maximum per Contact8.5AVoltage - Maximum600VSolder Process DataDuration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoReference - Drawing NumbersPackaging SpecificationPK-70873-0314-001Product SpecificationPS-43045, PS-43045-001, TS-43045-001-001, TS-43045-001-001, TS-43045-002-001, TS-46235-001-001Sales DrawingSD-43045-009		Through Hole - Kinked Pin
Current - Maximum per Contact8.5AVoltage - Maximum600VSolder Process DataDuration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoReference - Drawing NumbersPackaging SpecificationPK-70873-0314-001Product SpecificationPS-43045, PS-43045-001, TS-43045-001-001, TS-43045-001-001, TS-43045-002-001, TS-46235-001-001Sales DrawingSD-43045-009		-
Voltage - Maximum600VSolder Process Data030Duration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoFreference - Drawing NumbersPackaging SpecificationPK-70873-0314-001Product SpecificationPK-70873-0314-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, TS-43045-001-001, Sales Drawing		0.54
Solder Process DataDuration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoEference - Drawing NumbersPackaging SpecificationPK-70873-0314-001Product SpecificationPS-43045, PS-43045-001, TS-43045-001-001, TS-43045-001-001, TS-43045-002-001, TS-46235-001-001Sales DrawingSD-43045-009		
Duration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoProcess TemperatureReference - Drawing NumbersPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPS-43045, PS-43045-001, TS-43045-001-001, TS-43045-001-001Sales DrawingSD-43045-009	voltage - Maximum	6007
Duration at Max. Process Temperature (seconds)030Lead-freeProcess CapabilitySMC&WAVEMax. Cycles at Max. Process Temperature003Process Temperature max. C260Material InfoProcess TemperatureReference - Drawing NumbersPK-70873-0314-001Product SpecificationPK-70873-0314-001Product SpecificationPS-43045, PS-43045-001, TS-43045-001-001, TS-43045-001-001Sales DrawingSD-43045-009	Solder Process Data	
Max. Cycles at Max. Process Temperature003Process Temperature max. C260Material Info260Reference - Drawing NumbersPackaging SpecificationPK-70873-0314-001Product SpecificationPS-43045, PS-43045-001, TS-43045-001-001, TS-43045-002-001, TS-46235-001-001Sales DrawingSD-43045-009	Duration at Max. Process Temperature (seconds)	030
Process Temperature max. C260Material InfoFeference - Drawing NumbersPackaging SpecificationPK-70873-0314-001Product SpecificationPS-43045, PS-43045-001, TS-43045-001-001, TS-43045-001-001Sales DrawingSD-43045-009	Lead-freeProcess Capability	SMC&WAVE
Material Info     Reference - Drawing Numbers     Packaging Specification   PK-70873-0314-001     Product Specification   PS-43045, PS-43045-001, TS-43045-001-001, TS-43045-002-001, TS-43045-002-001, TS-46235-001-001     Sales Drawing   SD-43045-009	Max. Cycles at Max. Process Temperature	003
Reference - Drawing Numbers     PK-70873-0314-001       Packaging Specification     PK-70873-0314-001       Product Specification     PS-43045, PS-43045-001, TS-43045-001-001, TS-43045-002-001, TS-43045-002-001, TS-46235-001-001       Sales Drawing     SD-43045-009	Process Temperature max. C	260
Reference - Drawing Numbers     PK-70873-0314-001       Packaging Specification     PK-70873-0314-001       Product Specification     PS-43045, PS-43045-001, TS-43045-001-001, TS-43045-002-001, TS-43045-002-001, TS-46235-001-001       Sales Drawing     SD-43045-009	Material Info	
Packaging Specification     PK-70873-0314-001       Product Specification     PS-43045, PS-43045-001, TS-43045-001-001, TS-43045-002-001, TS-46235-001-001       Sales Drawing     SD-43045-009		
Product Specification     PS-43045, PS-43045-001, TS-43045-001-001, TS-43045-002-001, TS-46235-001-001       Sales Drawing     SD-43045-009	-	
TS-43045-002-001, TS-46235-001-001 Sales Drawing SD-43045-009		
Sales Drawing SD-43045-009	Product Specification	
0		
Symbol/Footprint Data SYM-43045-0824, SYM-43045-0824_6		
		STW-43U45-U824, STW-43U45-U824_6

This document was generated on 04/01/2019 PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION