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Part Number: 0787771002 Status: Active Description: Scial Attached SCSI (SAS) Connectors Description: 1.27mm Sign Brich, 1.27mm Power Pich, 1.27mm Pich			
Description: Saral Attached SCSI (SAS) Connectors Description: Application Specification AS-78777-001-001 (PDF) Decuments: Application Specification AS-78777-001-001 (PDF) Product Specification PS-78777-001-001 (PDF) Packaging Specification PK-78777-001-001 (PDF) Product Specification PS-78777-001-001 (PDF) Packaging Specification PK-78777-001-001 (PDF) Agency Certification LR 19980 UL E29179 General Product Specification Board-to-Board Orwinew Sarial Attached SCSI (SAS) Connectors Series ZZZZ Application Board-to-Board Comments With Cap Type Receptacle Elctrical Model Yes UPC 857191393063 Physical Gener Image Circuits (Loaded) 68 Circuits (Loaded) Gener Image Circuits (Loaded) 68 Circuits (Loaded) Gener Image Circuits (Loaded)<	Part Number:	<u>0787771002</u>	
Overview: Description: Serial Attached SCSI (SAS) Connectors: 1.27mm Byord Pitch, 127mm Power Pitch SAS-30PCIe-3 Receptade, Vertical, Surface Mount, with Forklosk, 8.15mm Height, 1.00mm Peg Length, 2.36mm PCB Thickness, 68 Circuits, with Cap, Embossed Tape and Reel, Load-Free Documents: 3D Model Drawing (PDF) 3D Model (PDF) Application Specification AS-78777-001-001 (PDF) Produel Specification PK-78777-001-001 (PDF) RoHS Certificate of Compliance (PDF) Series image - Reference only Agency Certification CSA UL EX Entry Status Explore China RoHS Compliant Receptade UL China RoHS Explore Application CSA UL EX ENTF Explore Note Relevant EV EV EV EV EV EV EV EV EV EV EV EV EV EV EV EV EV EV EV E	Status:	Active	
Documents: 3D:Model Drawing (PDF) 3D:Model (PDF) Product Specification PS-78777-001-001 (PDF) Product Specification PS-78777-001-001 (PDF) Series image - Reference only Application CSA LF10980 LE Description Reference only Beneral Comments China RoHS Product Family I/O Connectors Series inage - Reference only Beneral Comments Contained Ps Reference Product Family I/O Connectors Series inage - Reference only Beneral Comments Contained Ps Reference Product Family I/O Connectors Series inage - Reference only Beneral Comment Type Receptacle Electrical Model Overview Series / REACH SWIC Overview Series / Receptacle Product Name SAS-3/PCIe-3, U.2 (SFF-8639) Pysical Signal S3, Power 15 Color - Resin Black Durability (mating cycles max) Solo Presended Coper Aloy Material - Netal Coper Aloy Material - Netal Coper Aloy Material - Netal Coper Aloy Material - Netaling Termination Material - Netaling Termination </td <td></td> <td>Serial Attached SCSI (SAS) Connectors 1.27mm Signal Pitch, 0.80mm Signal Pitch, 1.27mm Power Pitch SAS Receptacle, Vertical, Surface Mount, with Forklock, 8.15mm Height, 1 Length, 2.36mm PCB Thickness, 68 Circuits, with Cap, Embossed Ta</td> <td>S-3/PCIe-3 I.00mm Peg ape and Reel,</td>		Serial Attached SCSI (SAS) Connectors 1.27mm Signal Pitch, 0.80mm Signal Pitch, 1.27mm Power Pitch SAS Receptacle, Vertical, Surface Mount, with Forklock, 8.15mm Height, 1 Length, 2.36mm PCB Thickness, 68 Circuits, with Cap, Embossed Ta	S-3/PCIe-3 I.00mm Peg ape and Reel,
Agency Certification CSALR19980CSALR19980CSAE29179General-Product FamilyVO ConnectorsSeries78777ApplicationBoard-to-BoardComponent TypeReceptacleComponent TypeReceptacleElectrical ModelYesOverviewSerial Attached SCSI (SAS) ConnectorsProduct NameSAS-3/PCIe-3, U.2 (SFF-8639)TypeN/AUPC987191393063Physical-Cortor ResinBlackDurability (mating cycles max)500Flarmability94/-0GenderFemaleKeying to Mating PartYesLock to Mating PartYesNumber of Rows2OternationYesNumber of Rows2OternationYesLock to Mating PartYesNumber of Rows2OternationYesPOB LocatorYesPOB Trackness - Recommended2.36mmPARE Mating TypeEmboased Tape on ReelParel MountNoParel MountNoParel MountNoParel MountNoParel MountNoParel MountNo	<u>3D Model</u> Drawing (PDF) <u>3D Model (PDF)</u>	Packaging Specification PK-78777-0 RoHS Certificate of Compliance (PD	001-001 (PDF) Series image - Reference only 001-001 (PDF) EU ELV
CSA LR19980 UL E29179 General Product Family Product Family I/O Connectors Series 78272 Application Board-to-Board Comments With Cap Comment Type Receptade Electrical Model Yes Overview Serial Attached SCSI (SAS) Connectors Product Name SAS-3PCIe-3, U.2 (SFF-8639) Type N/A UPC 887191393063 Physical China ROHS Circuits (Loaded) 68 Circuits (Loaded) 69 Circuits (Loaded) 69 Gender Female Keying to Mating Part Yes Lock to Mating Part None Material - Plating Mating Gold Material - Plating Mating Gold Material - Plati	A manage Contification		Not Relevant
Product Family VO Connectors D(2021)4569-DC (8 Series 78777 July 2021) Application Board-to-Board July 2021) Component Type Receptacle Low-Halogen Electrical Model Yes Status Overview Serial Attached SCSI (SAS) Connectors For more information, please visit Contact US Product Name SAS-3/PCIe-3, U.2 (SFF-8639) China ROHS Green Image Type N/A Not Relevant Not Relevant UPC 887191393063 ELV Not Relevant Physical 68 Circuits (Loaded) 68 Circuits Detail Signal 53, Power 15 Search Parts in this Series 78777 Series Durability 94V-0 U.2 (SFF-8639) Plugs SFF-8482 and SFF-3680 Plugs SAS / SATA Plugs Material - Netal Copper Alloy Material - Netal Copper Alloy Material - Resin Liquid Crystal Polymer Ves SFF-3680 Plugs SAS / SATA Plugs Material - Resin Liquid Crystal Polymer Ves Seco Plugs SAS / SATA Plugs Material - Resin Liquid Crystal Polymer SFF-3680 Plugs SAS / SATA Plugs	CSA UL		Compliant REACH SVHC
Electrical Model Yes Overview Serial Attached SCSI (SAS) Connectors Product Name SAS-3/PCIe-3, U.2 (SFF-8639) Type N/A UPC 887191393063 Physical Circuits (Loaded) Circuits Loaded) 68 Circuits Loaded) 68 Circuits Loaded) 68 Circuits Loaded) 68 Corouts Detail Signal 53, Power 15 Color - Resin Black Durability (mating cycles max) 500 Flammability 94V-0 Gender Female Keying to Mating Part Yes Lock to Mating Part None Material - Plating Mating Gold Material - Resin Liquid Crystal Polymer Net Weight 1.835/g Number of Rows 2 Orientation Vertical PCB Locator Yes PCB Retention Yes	Product Family Series Application Comments	<u>78777</u> Board-to-Board With Cap	D(2021)4569-DC (8 July 2021) <u>Halogen-Free</u> <u>Status</u>
Circuits (Loaded)68Circuits DetailSignal 53, Power 15Color - ResinBlackDurability (mating cycles max)500Flammability94V-0GenderFemaleKeying to Mating PartYesLock to Mating PartNoneMaterial - MetalCopper AlloyMaterial - Plating MatingGoldMaterial - ResinLiquid Crystal PolymerNet Weight1.835/gNumber of Rows2OrientationYesPCB RetentionYesPCB RetentionYesPCB Thickness - Recommended2.36mmPackaging TypeEmbosed Tape on ReelPackaging Type0.80mm, 1.27mm	Electrical Model Overview Product Name Type	Yes <u>Serial Attached SCSI (SAS) Connecto</u> SAS-3/PCIe-3, U.2 (SFF-8639) N/A	For more information, please visit <u>Contact US</u> China ROHS Green Image ELV Not Relevant
Plating min - Mating 0.762µm	Circuits (Loaded) Circuits Detail Color - Resin Durability (mating cycle Flammability Gender Keying to Mating Part Lock to Mating Part Material - Metal Material - Plating Matin Material - Plating Term Material - Plating Term Material - Resin Net Weight Number of Rows Orientation PCB Locator PCB Retention PCB Thickness - Reco Packaging Type Panel Mount Pitch - Mating Interface Pitch - Termination Interface	es max) Signal 53, Power 15 Black Black 500 94V-0 Female Yes None Copper Alloy Gold inination Matte Tin Liquid Crystal Polymer 1.835/g 2 Vertical Yes Yes Yes Yes Yes Yes Yes Ommended 2.36mm Embossed Tape on Reel No e enface 0.80mm, 1.27mm	78777 Series Mates With U.2 (SFF-8639) Plugs SFF-8482 and

Surface Mount Compatible (SMC) Temperature Range - Operating Termination Interface: Style	Yes 0° to +55°C Surface Mount			
Electrical Current - Maximum per Contact Voltage - Maximum	1.5A 30V			
Solder Process Data Duration at Max. Process Temperature (seconds) Lead-freeProcess Capability Max. Cycles at Max. Process Temperature Process Temperature max. C	010 REFLOW 001 260			
Material Info				
Reference - Drawing Numbers Application Specification Electrical Model Document Packaging Specification Product Specification S-Parameter Model Sales Drawing	AS-78777-001-001 EE-78777-001-001 PK-78777-001-001 PS-78777-001-001 SP-78777-001-001 SD-78777-101-000			

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