



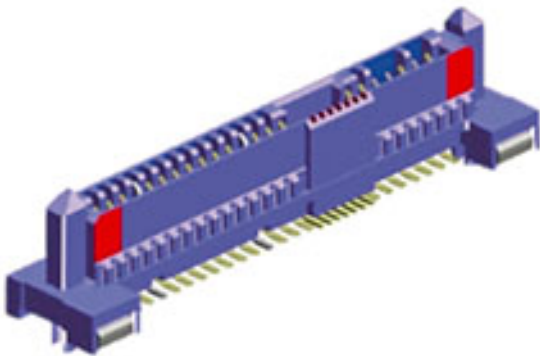
Part Number : [787150007](#)

Product Description : 1.27mm Signal Pitch, 0.80mm SCSI Pitch, 1.27mm Power Pitch SAS-3 Receptacle, Vertical, Surface Mount, with Front Solder Tab, 2.00mm Peg Length, 2.54mm PCB Thickness, 29 Circuits, with Cap, Embossed Tape on Reel, Lead-Free

Series Number : 78715

Status : Active

Product Category : I/O Connectors



Documents & Resources

Drawings

- [787150007_sd.pdf](#)
- [PK-78715-003-001.pdf](#)

3D Models and Design Files

- [787150007_stp.zip](#)
- [EE-78715-004-001.pdf](#)
- [SP-78715-003-001.zip](#)
- [SP-78715-004-001.zip](#)

Specifications

- [AS-78715-001-001.pdf](#)
- [PS-78715-001-001.pdf](#)
- [TS-78715-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	I/O Connectors
Series	78715
Description	1.27mm Signal Pitch, 0.80mm SCSI Pitch, 1.27mm Power Pitch SAS-3 Receptacle, Vertical, Surface Mount, with Front Solder Tab, 2.00mm Peg Length, 2.54mm PCB Thickness, 29 Circuits, with Cap, Embossed Tape on Reel, Lead-Free
Application	Board-to-Board
Component Type	Receptacle
Product Name	SAS 12G,SAS-3
Type	N/A
UPC	887191161945

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	30V

Physical

Circuits Detail	Signal 14, Power 15
Circuits (Loaded)	29
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Gender	Female
Keying to Mating Part	Yes
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.833/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
Panel Mount	No
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.54mm
Pitch - Mating Interface	0.80mm, 1.27mm
Pitch - Termination Interface	0.80mm, 1.27mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	0° to +55°C
Termination Interface Style	Surface Mount
Waterproof / Dustproof	No

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	SAS / SATA plug

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