

1735870-1 ! PENDING OBSOLESCENCE

TE Internal #: 1735870-1

TE Internal Description: SAS BACKPLANE RECEPT, VERTICAL, SMT

PT30 XFP Connectors

[View on TE.com >](#)



Connectors > PCB Connectors > SAS & MiniSAS > PT30 XFP Connectors



SAS Connector Type: **SAS**

Connector & Housing Type: **Receptacle**

Number of Positions: **29**

Number of Rows: **1**

PCB Mount Orientation: **Vertical**

[All PT30 XFP Connectors \(2\)](#)

Features

Product Type Features

Shell	Without
Connector & Contact Terminates To	Printed Circuit Board
SAS Connector Type	SAS
Connector & Housing Type	Receptacle

Configuration Features

Number of Positions	29
Number of Rows	1
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Black
-----------------------	-------

Contact Features

	30 µin
Contact Mating Area Plating Material	Gold

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
---	---------------

Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	Retention Solder Tails

Housing Features

Housing Material	Thermoplastic
------------------	---------------

Usage Conditions

High Temperature Housing	Yes
--------------------------	-----

Industry Standards

PCIe/SAS Generation	Gen2
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	300
Packaging Method	Tape & Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # CAT-SA78-P729
Serial Attached SCSI (SAS) Connector
Plugs

Customers Also Bought



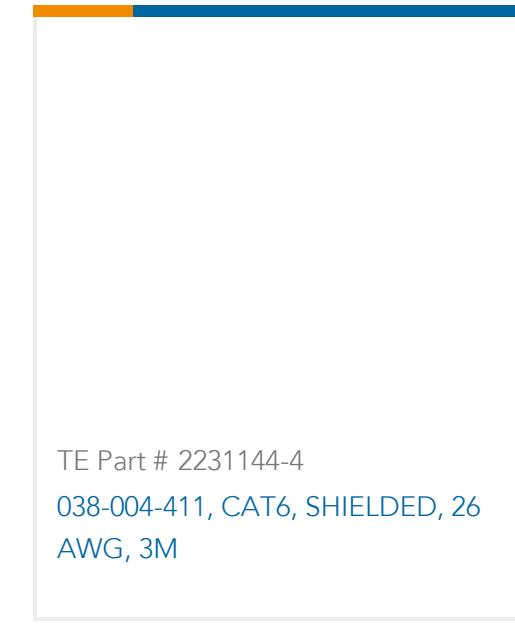
TE Part # 1735183-1
SAS PLUG 15+7+7P,0.96mm OFFSET



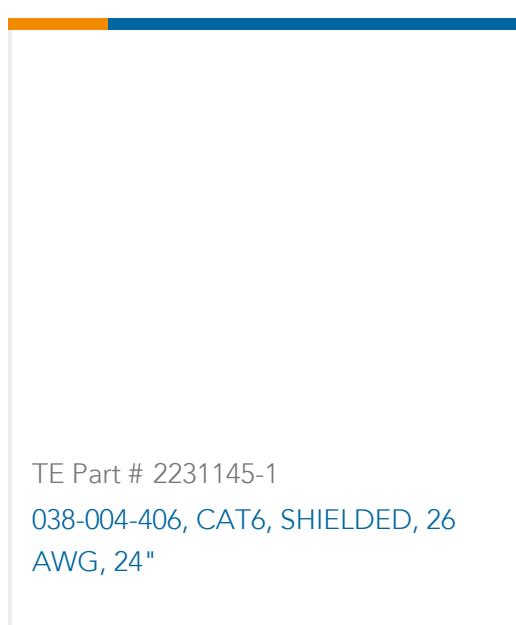
TE Part # 2-2129710-2
RIGHT SIDE LGA3647-0 SOCKET-P0
FOR ODM



TE Part # 2129320-3
Mini Displayport Reverse Offset



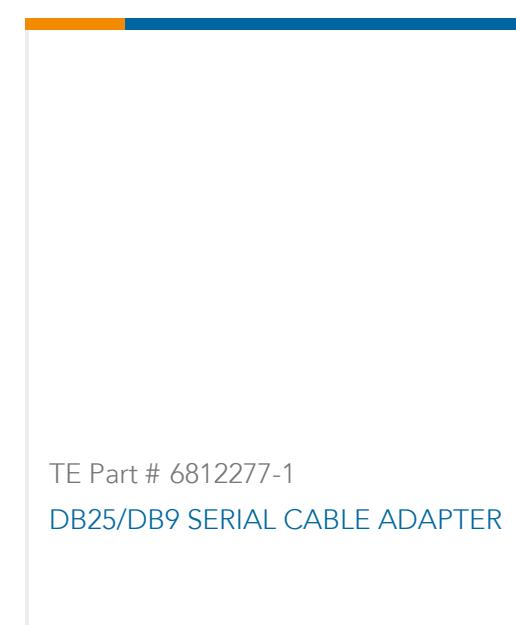
TE Part # 2231144-4
038-004-411, CAT6, SHIELDED, 26
AWG, 3M



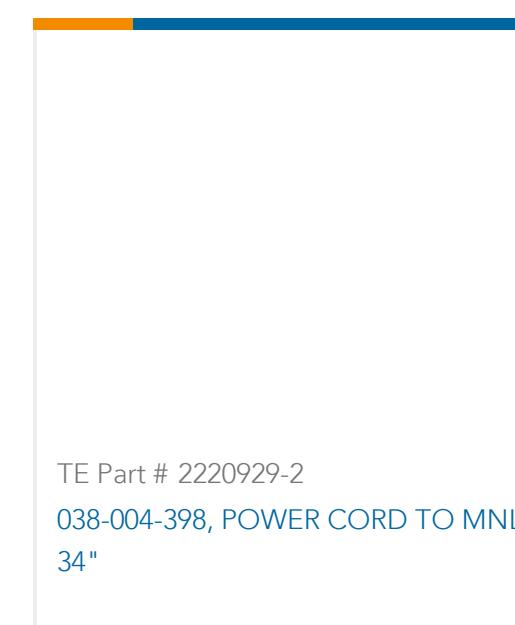
TE Part # 2231145-1
038-004-406, CAT6, SHIELDED, 26
AWG, 24"



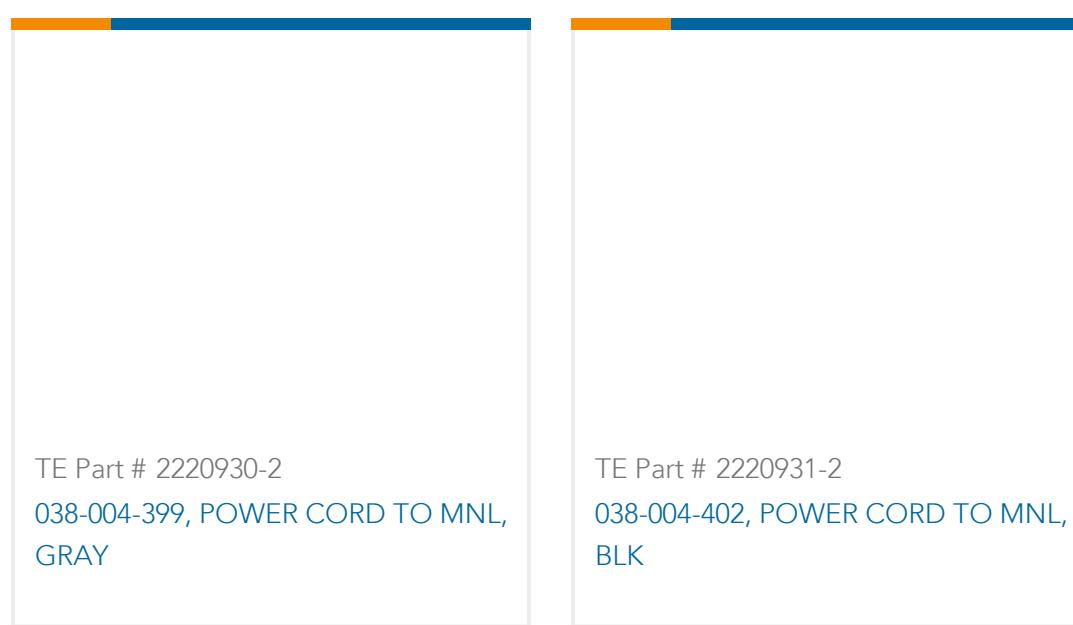
TE Part # 2820808-1
038-004-324, DB9 CABLE ASSY, 6 FT



TE Part # 6812277-1
DB25/DB9 SERIAL CABLE ADAPTER



TE Part # 2220929-2
038-004-398, POWER CORD TO MNL,
34"



Documents

Product Drawings

SAS BACKPLANE RECEPT, VERTICAL, SMT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1735870-1_A_c-1735870-1-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1735870-1_A_c-1735870-1-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1735870-1_A_c-1735870-1-a.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English