

2149027-1 ✓ ACTIVE



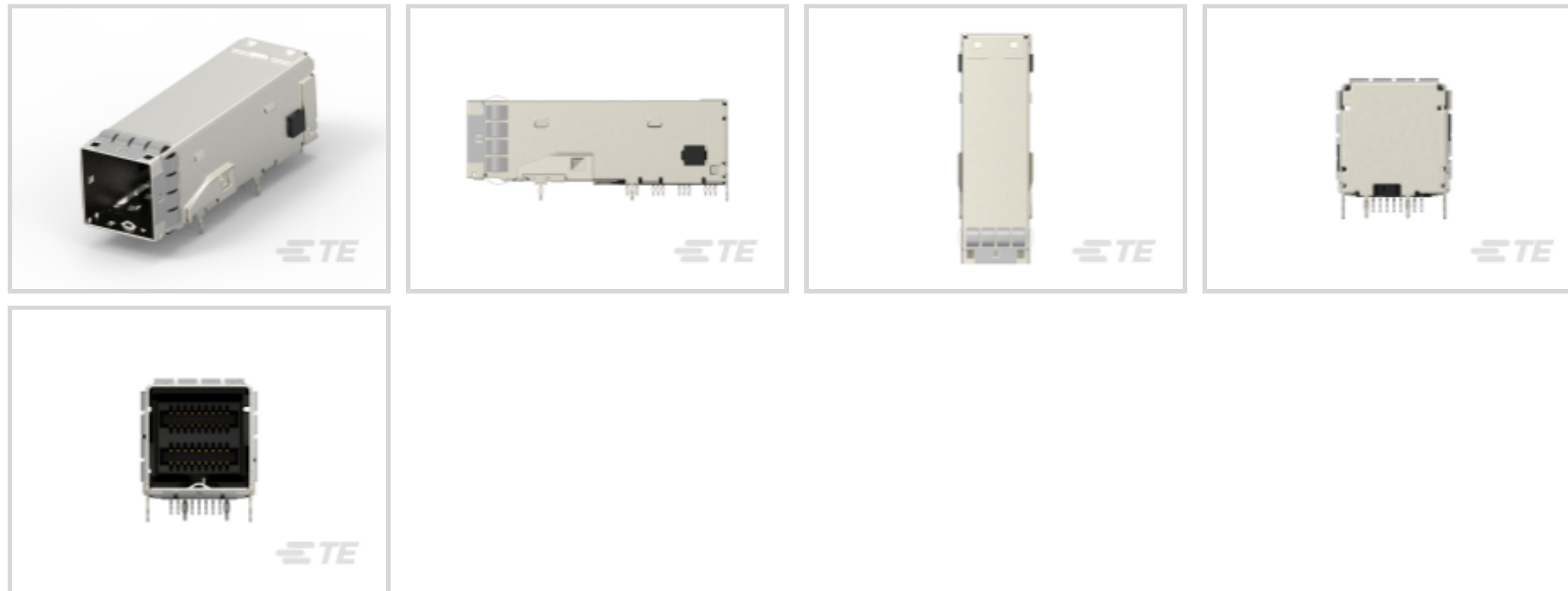
Mini-SAS HD

TE Internal #: 2149027-1

Mini-SAS HD, Mini-SAS Cages, 1 Port, Cable-to-Board, 36 Position, .03mm [.75in] Centerline, Printed Circuit Board, Signal

[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages > Mini-SAS Cages > Mini-SAS HD Cages



Number of Ports: 1

Included Lightpipe: No

Connector System: **Cable-to-Board**

Number of Positions: 36

Centerline (Pitch): .03 mm [.75 in]

[All Mini-SAS HD Cages \(12\)](#)

Features

Product Type Features

Connector Style	Receptacle
Product Type	Cage, Connector
Connector Type	Mini-SAS HD
Product Grouping	Mini-SAS HD
Shell	With
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	No
PCB Mount Orientation	Right Angle
Number of Ports	1
Number of Positions	36

Contact Features



Contact Base Material	Copper Alloy
-----------------------	--------------

Termination Features

PCB Termination	Through Hole - Press-Fit
Termination Post Length	1.64 mm[.065 in]

Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	M2 Screw

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Housing Color	Black
Centerline (Pitch)	.03 mm[.75 in]

Dimensions

PCB Thickness (Recommended)	.97 mm[.038 in]
Height Above PC Board	12.78 mm[.503 in]

Usage Conditions

High Temperature Housing	Yes
Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Quantity	72
Packaging Method	Box & Tray, Package

Other

Included Lightpipe	No
--------------------	----

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: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

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>

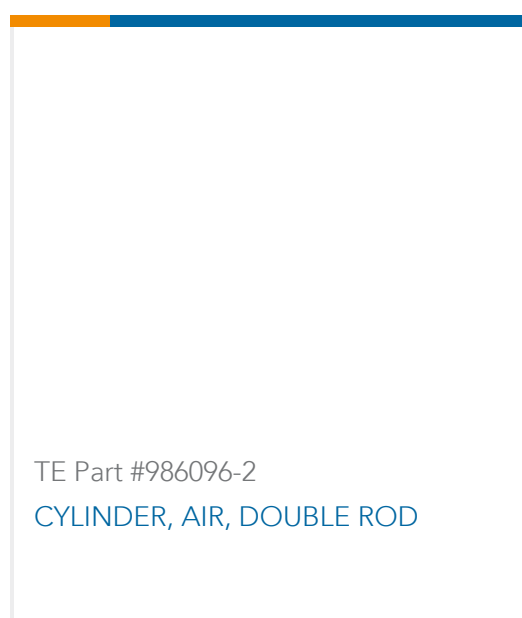
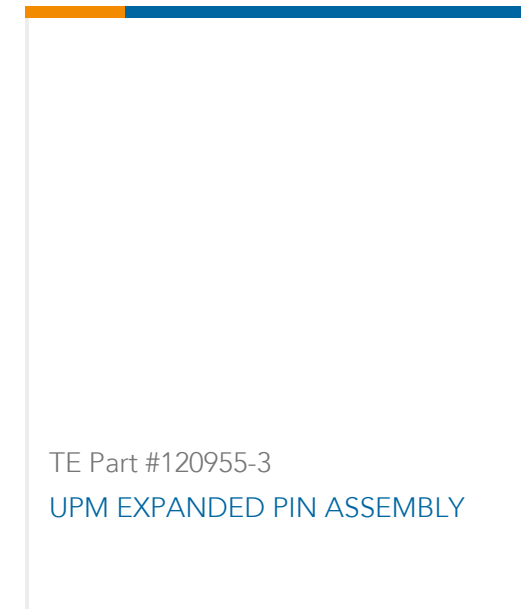
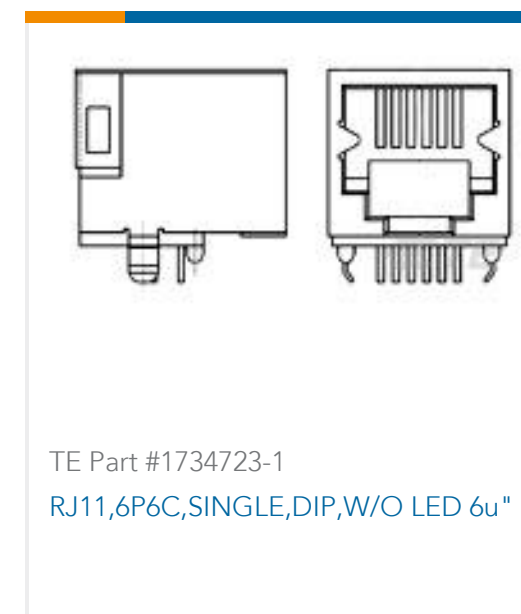
Compatible Parts



Also in the Series | Mini-SAS HD



Customers Also Bought



Documents

Product Drawings

[MiniSAS HD 1x1 Rec Assy](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_2149027-1_C.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_2149027-1_C.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_2149027-1_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages



[7-1773461-9_MINI_SAS_HD_INTERCONNECT](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL Report](#)

English