

2820350-2 ✓ ACTIVE

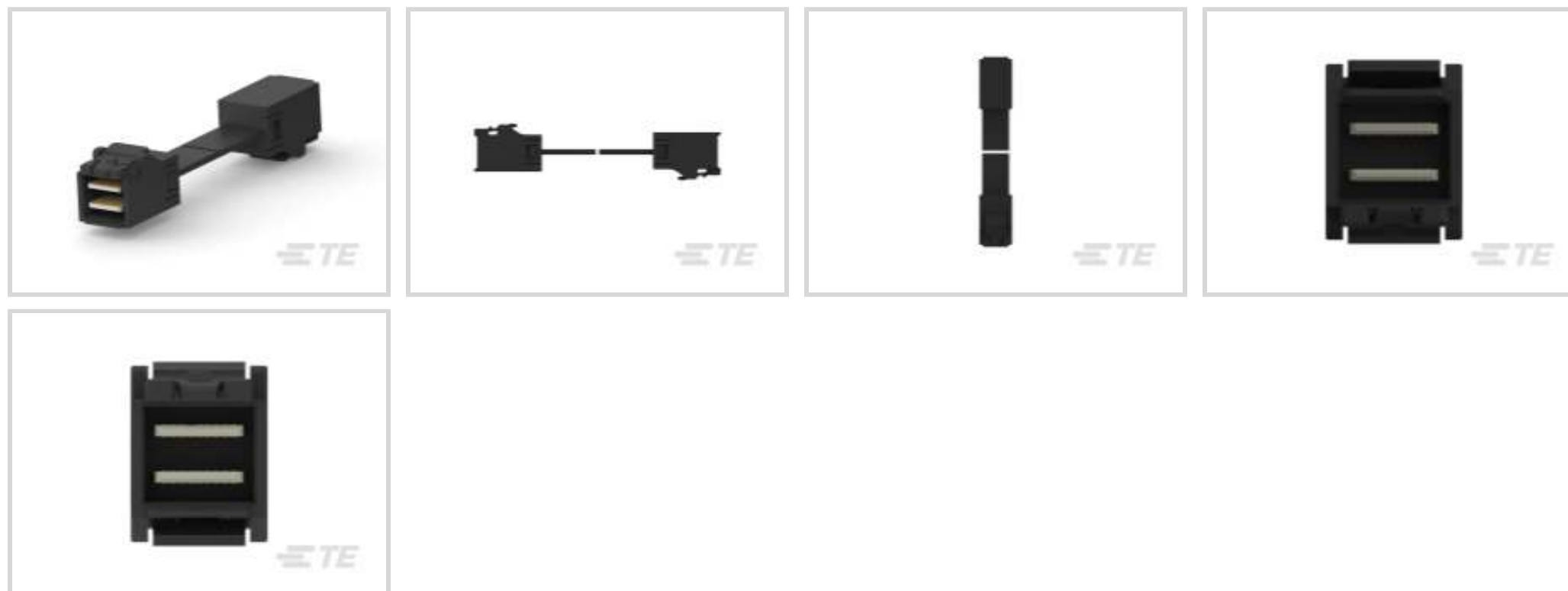
TE Internal #: 2820350-2

INTERNAL Mini-SAS HD Cable Assembly, 16 Positions, 1.64 ft [.5 m], 12 Gb/s, Black Cable, 30 AWG, .051 mm², Discrete Pairs, INTERNAL Mini-SAS HD Plug

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Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies



Cable Assembly Type: INTERNAL Mini-SAS HD

Wire Size: .051 mm²

Outside Cable Diameter: 1.02 mm, 1.68 mm [.04 in, .066 in]

Cable Assembly Length: .5 m [1.64 ft]

Features

Product Type Features

| | |
|-------------------------|-------------------------------|
| Cable Assembly Category | High Speed, Industry Standard |
| Cable Assembly Type | INTERNAL Mini-SAS HD |
| Connector Type (End A) | INTERNAL Mini-SAS HD Plug |
| Connector Type (End B) | INTERNAL Mini-SAS HD Plug |
| Cable Style | Discrete Pairs |

Configuration Features

| | |
|----------------------------|----|
| Number of Positions | 16 |
| Number of Pairs | 8 |
| Number of Signal Positions | 16 |

Electrical Characteristics

| | |
|-----------|-------|
| Impedance | 100 Ω |
|-----------|-------|

Signal Characteristics

| | |
|-----------|---------|
| Data Rate | 12 Gb/s |
|-----------|---------|

Body Features

| | |
|-------------|-------|
| Cable Color | Black |
|-------------|-------|



| | |
|---------------------------|------|
| Cable Flammability Rating | VW-1 |
|---------------------------|------|

Dimensions

| | |
|------------------------|------------------------------------|
| Wire Size | .051 mm ² |
| Outside Cable Diameter | 1.02 mm, 1.68 mm [.04 in][.066 in] |

Operation/Application

| | |
|--------------|-----|
| Halogen Free | Yes |
|--------------|-----|

Other

| | |
|------------------------------|----------------|
| Cable Assembly Configuration | Double Ended |
| Cable Assembly Length | .5 m [1.64 ft] |

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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable for solder process capability |

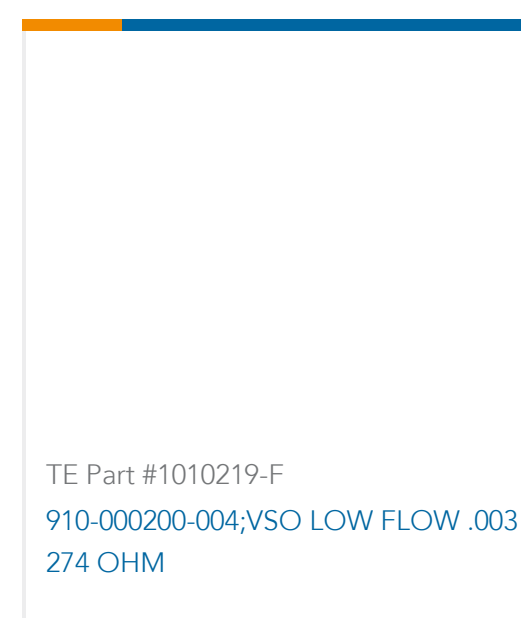
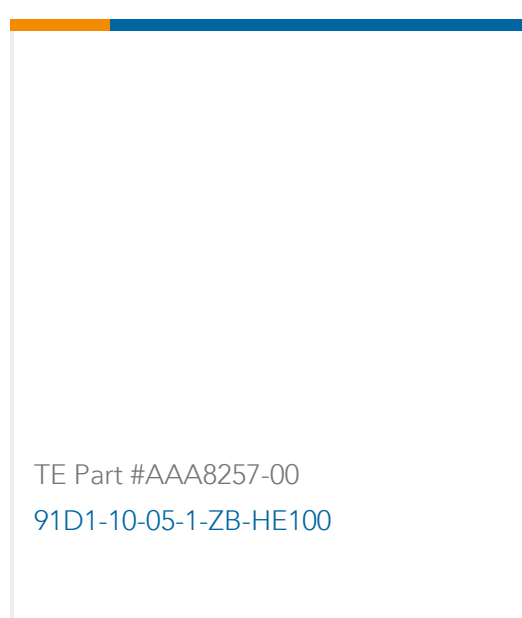
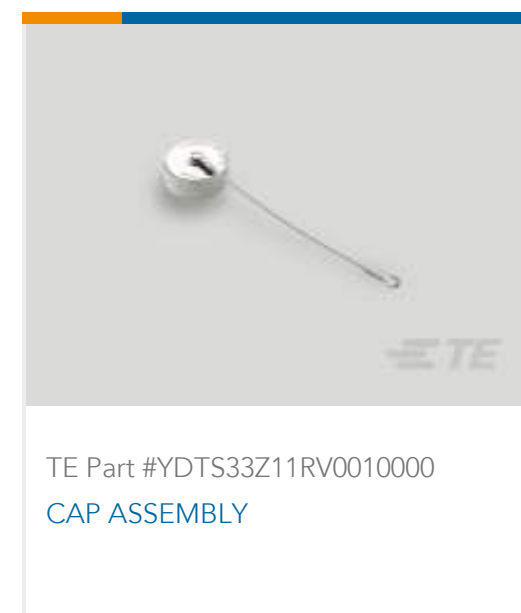
Product Compliance Disclaimer

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



Customers Also Bought



Documents

Product Drawings

C/A, INTERNAL HD MINI SAS, 100 OHM, STR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2820350-2_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2820350-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2820350-2_C.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English