2820350-2 ✓ ACTIVE

TE Internal #: 2820350-2

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

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

Cable Assembly Type: INTERNAL Mini-SAS HD to INTERNAL Mini-SAS HD

Cable Assembly (End A):   INTERNAL Mini-SAS HD Plug

Cable Assembly (End B):   INTERNAL Mini-SAS HD Plug

Wire Size: .051 mm²

Features

Product Type Features

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

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

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Cable Color	Black
Cable Flammability Rating	VW-1

Dimensions

Wire Size	.051 mm²
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>

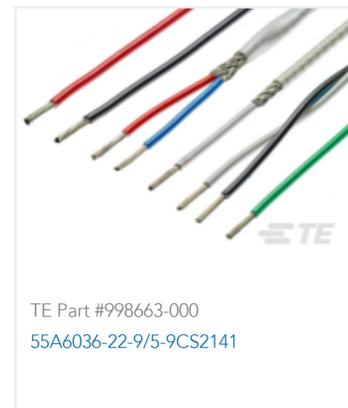| EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

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

TE Part # 2227640-1
1X2 VERT ASSY, MINI SAS HD
INTERNAL

Customers Also Bought

TE Part #CAT-T3437-T548
TMS-SCE Military Grade Sleeves

TE Part #800634-SF
FN2080-12-06

TE Part #32994
TERMINAL,SOLIS R 12-10 8

TE Part #211883-5
SCREW RETAINER KIT,AMPLIMITE

TE Part #794617-6
6POS,MICRO MNL,RCPT HSG

TE Part #4-1617073-0
3SBC2121A2 = M39016/38-021P

TE Part #6609046-4
6ET1=F7003 S0

TE Part #998663-000
55A6036-22-9/5-9CS2141

TE Part #601966-6
NO PRINT *A.S.I.*

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

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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