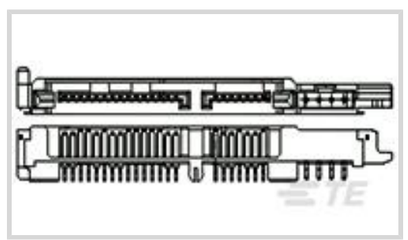
84998-3 × OBSOLETE

TE Internal #: 84998-3

TE Internal Description: SATA PLUG,2.5"CONN 15+7+4 ASSY

View on TE.com >

Connectors > Audio & Video Connectors > SATA & Micro SATA



SATA Connector Type: **SATA**

Connector & Housing Type: **Plug**

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

Number of Positions: **26**

Contact Configuration: **7P + 15P + 4P**

Features

Product Type Features

SATA Connector Type	SATA
Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	26
PCB Mount Orientation	Vertical
Number of Rows	1
Number of Ports	2

Body Features

Connector Profile	Standard

Contact Features

Contact Mating Area Plating Material Thickness	.12 µm, .38 µm[5 µin][15 µin]
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Configuration	7P + 15P + 4P
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Post & Tail Length	3.6 mm[.074 in]

Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

PCB Mount Retention Feature Length	2.79 mm[.109 in]
Mating Alignment Type	Polarization
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
PCB Mount Location	Top
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Housing Color	Black
Centerline (Pitch)	1.27 mm, 2 mm[.05 in][.078 in]

Dimensions

PCB Thickness (Recommended)	1.2 mm[.048 in]
Profile Height from PCB	7.38 mm[.29 in]

Usage Conditions

Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1176
Packaging Method	Box & Tube, Tube

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: JAN 2024 (240) 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	Pin-in-Paste capable to 260°C

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

Customers Also Bought



TE Part # DT04-2P
REC, 2P, GRY, N



TE Part # W2S
Wedgelocks: DEUTSCH DT



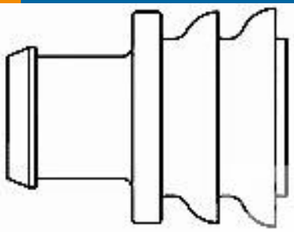
TE Part # 0460-202-16141
DEUTSCH Solid Contacts



TE Part # 282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part # DT06-2S
PLG, 2P, GRY, N



TE Part # 281934-2
SINGLE WIRE SEAL



TE Part # 114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_84998-3_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_84998-3_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_84998-3_G.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Product Specifications

Product Specification

English

Product Specification

English

Agency Approvals

UL Report

English