

SlimSeal

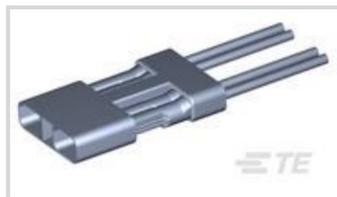
TE Internal #: 2106391-4

TE Internal Description: Cbl Assembly, 4 pos Sealed Lght Recept

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Cable Assemblies > Copper Cable Assemblies > Lighting Cable Assemblies



Product Line: **SlimSeal Solid State Lighting Connectors**

Wire Color (Base): **Red, Black, White, Blue**

Cable Assembly Length: **.101 m [.332 ft]**

Connector Type (End A): **SlimSeal SSL Plug**

Number of Positions: **4**

Features

Product Type Features

Cable Assembly System	Wire-to-Wire
Shielded	No
Wire/Cable Type	Discrete Wire
Product Type	Cable Assembly
Sealed	Yes
Strain Relief	Without
Applies To	Wire/Cable
Product Line	SlimSeal Solid State Lighting Connectors
Connector Type (End A)	SlimSeal SSL Plug
Cable Assembly Type	SlimSeal SSL Pigtail

Configuration Features

Number of Rows	1
Preloaded	Yes
Keyed	No
Number of Positions	4

Electrical Characteristics

Operating Voltage	400 VAC, 400 VDC
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Body Features

Wire Color (Base)	Red, Black, White, Blue
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Contact Features

Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Thickness	2.54 μm [100 μin]
Contact Material (Socket)	Copper Alloy
Contact Type	Tab
Accepts Contact Gender	Socket
Contact Termination Area Plating Material	Tin over Nickel
Contact Termination Area Plating Thickness	2.54 μm [100 μin]
Contact Underplating Material	Nickel

Termination Features

Termination Method to Wire & Cable	Crimp Snap-In
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Mechanical Attachment

Mating Retention Type	Latch(ing)
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With

Housing Features

Centerline	3.5 mm[.138 in]
Housing Material	Polycarbonate
Housing Color	Black

Dimensions

Accepts Wire Insulation Diameter Range	1.7 – 2.1 mm[.067 – .083 in]
Connector Profile Height	6.02 mm[.237 in]
Connector Length	35.3 mm[1.389 in]
Connector Width	21.4 mm[.843 in]
Wire Size	18 AWG

Usage Conditions

IP Dust Sealing Level	6
IP Water Sealing Level	7
Operating Temperature Range	-40 – 105 $^{\circ}\text{C}$ [-40 – 221 $^{\circ}\text{F}$]

Identification Marking

Circuit Identification Feature	With
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Industry Standards

UL Flammability Rating	UL 94V-0
UL File Number	UL 1977
CSA File Number	CSA C22.2 No. 182.3

Packaging Features

Packaging Method	Bag/Box
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Other

Cable Assembly Length	.101 m[.332 ft]
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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 2022 (224) Candidate List Declared Against: JUN 2018 (191) SVHC > Threshold: Not Yet Reviewed
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Documents



Product Drawings

Cbl Assembly, 4 pos Sealed Lght Recept

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2106391-4_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2106391-4_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2106391-4_J.3d_stp.zip](#)

English

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