

2106378-1 ✓ ACTIVE

## NECTOR

TE Internal #: 2106378-1

Lighting Cable Assemblies, SlimSeal Solid State Lighting Connectors, Length .102 m [.333 ft], 400VDC Voltage Rating, 400VAC Voltage Rating

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Cable Assemblies > Copper Cable Assemblies > Lighting Cable Assemblies



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

Wire Color (Base): **Black**

Cable Assembly Length: **.102 m [.333 ft]**

Voltage Rating: **400 VDC**

### Features

#### Product Type Features

Cable Assembly System	Wire-to-Wire
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
Number of Positions	1

#### Electrical Characteristics

Operating Voltage	400 VAC, 400 VDC
Voltage Rating	400 VDC

#### Body Features

Wire Color (Base)	Black
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#### Contact Features

Contact Mating Area Plating Thickness	2.54 $\mu$ m[100 $\mu$ in]
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Contact Mating Area Plating Material	Tin
Contact Type	Receptacle
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

Housing Material	Polycarbonate
Housing Color	Black

### Dimensions

Accepts Wire Insulation Diameter Range	1.7 – 2.1 mm[.067 – .083 in]
Connector Profile Height	7.5 mm[.295 in]
Connector Length	25 mm[.984 in]
Connector Width	6.52 mm[.257 in]
Wire Size	18 AWG

### Usage Conditions

IP Dust Sealing Level	6
IP Water Sealing Level	7
Operating Temperature Range	-40 – 105 °C[-40 – 221 °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	.102 m [.333 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: JUNE 2022 (224) 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



TE Part # 2106391-1  
C/A, RECPT, SLIMSEAL SSL CONN,  
SGL POS



## Documents

### Product Drawings

[C/A, PLUG, SLIMSEAL SSL CONN, SGL POS](#)

English

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### Datasheets & Catalog Pages

[4-1773455-9\\_1POSITIONSLIMSEAL\\_BROCHURE](#)

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