

2834048-1 ✓ ACTIVE



LIGHT-N-LOK | LIGHT-N-LOK Ballast Connector

TE Internal #: 2834048-1

Ballast Connectors, Connector, Poke-In, Wire-to-Wire, 2 Position, 4.5 mm Centerline, Wire & Cable, LIGHT-N-LOK Ballast Connector

[View on TE.com >](#)

Connectors > Lighting Connectors > Ballast Connectors > LIGHT-N-LOK Modular Latched Plugs



Lighting Product Type: **Connector**

Termination Method to Wire & Cable: **Poke-In**

Connector System: **Wire-to-Wire**

Number of Positions: **2**

Centerline (Pitch): **4.5 mm**

[All LIGHT-N-LOK Modular Latched Plugs \(8\)](#)

Features

Product Type Features

Lighting Product Type	Connector
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Rows	1
Number of Positions	2

Electrical Characteristics

Operating Voltage (Max)	600 VAC
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Contact Features

Contact Current Rating (Max)	9 A
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Termination Features

Tool-less Wire Termination	Yes
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Termination Method to Wire & Cable	Poke-In
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Mechanical Attachment

Mating Alignment	With
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Housing Features

Housing Color	Natural
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Centerline (Pitch)	4.5 mm
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Dimensions

Wire Size	16 – 22 AWG
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Usage Conditions

UV Exposure Rated	No
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Operating Temperature Range	-40 – 105 °C
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Identification Marking

Circuit Identification Feature	With
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Industry Standards

UL Flammability Rating	UL 94V-0
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Agency/Standard	UL
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Agency/Standard Number	UL 1977
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Packaging Features

Packaging Quantity	500
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Packaging Method	Loose Piece
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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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



Also in the Series | LIGHT-N-LOK Ballast Connector



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2834048-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2834048-1_A.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_CVM_2834048-1_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Instruction sheet for 2P latched wire to wire poke in connector](#)

English

[LIGHT-N-LOK Brochure](#)

English

[2 Position LIGHT-N-LOK Connector](#)

English

[2 Position Wire-to-Wire Disconnect flyer \(Chinese\)](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Agency Approvals

[LIGHT-N-LOK CB Test Certificate to IEC 61984](#)

English

[LIGHT-N-LOK CB Test Report to IEC 61984](#)

English