



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

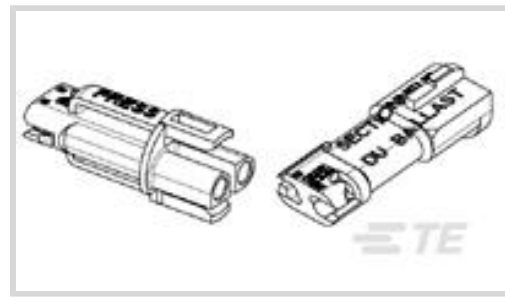
TE Internal #: 2008144-1

TE Internal Description: Asy,Mated Pair, Plug & Recpt,2

LIGHT-N-LOK HOT PLUGGABLE MATED

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Connectors > Lighting Connectors > Ballast Connectors > LIGHT-N-LOK HOT PLUGGABLE MATED



Lighting Product Type: **Connector**

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

Lighting Connector Type: **Housing**

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

Number of Positions: **2**

[All LIGHT-N-LOK HOT PLUGGABLE MATED \(0\)](#)

Features

Product Type Features

Strain Relief	With
Make First / Break Last	No
Wire/Cable Type	Discrete Wire
Connector Style	Plug/Receptacle
Glow Wire Rating	Standard Part - Not Glow Wire
Lighting Product Type	Connector
Lighting Connector Type	Housing
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Pre-Designed Cables Available	Yes
Number of Rows	1
Preloaded	Yes
Number of Positions	2

Electrical Characteristics

Operating Voltage (Max)	600 VDC
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Contact Features

Stamped and Formed	Yes
Contact Type	Pin/Socket
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Thickness	2 µm[78.74 µin]
Contact Mating Area Plating Material Finish	Matte
Contact Current Rating (Max)	5 A

Termination Features

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

Mechanical Attachment

Mating Retention	With
Mating Retention Type	Latch
Mating Alignment	With

Housing Features

Housing Color	Natural
Housing Material	Polyamide - GF
Centerline (Pitch)	6.75 mm[.266 in]

Dimensions

Width	15.11 mm[.595 in]
Length	61.47 mm[2.42 in]
Height	15.11 mm[.595 in]
Post-Mating Assembly Measurement	61.47 mm[2.42 in]
Accepts Wire Insulation Diameter Range	2.18 mm[.086 in]
Pass-Through Hole Size	15.86 mm[.625 in]
Wire Size	18 AWG

Usage Conditions

UV Exposure Rated	No
Operating Temperature Range	-40 – 95 °C[-40 – 203 °F]

Identification Marking

Circuit Identification Feature	With
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Industry Standards



UL Flammability Rating	UL 94V-0
Agency/Standard	CSA, UL
Agency/Standard Number	C22.2 No. 182.3, UL 2459

Packaging Features

Packaging Method	Loose Piece
Packaging Quantity	1

Product Compliance

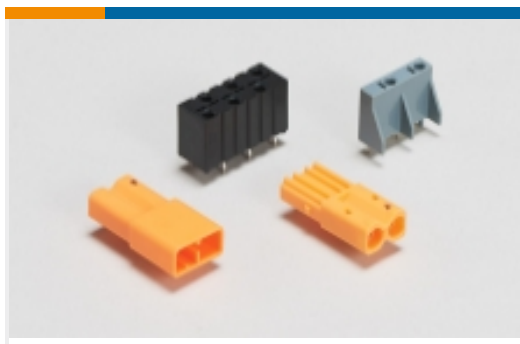
[For compliance documentation, visit the product page on TE.com>](#)

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 2020 (209) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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>

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



Ballast Connectors(39)

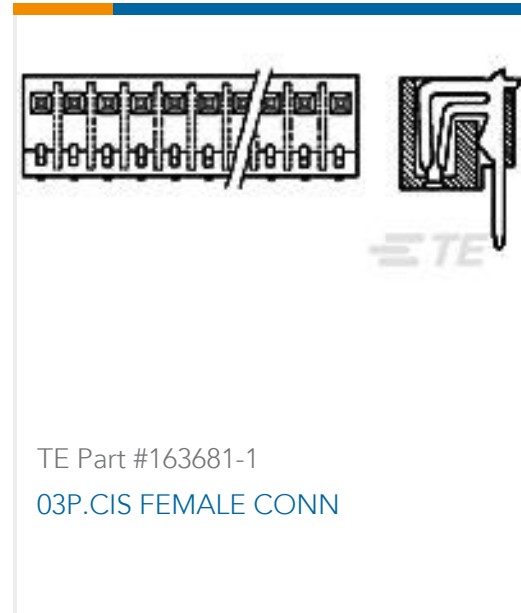
Customers Also Bought



TE Part #1-2834331-2
Buchanan WireMate ITB Poke-In



TE Part #4-2325807-3
LUMAWISE Z45 LED HOLDER 19X19
typB LEDiL



TE Part #163681-1
03P.CIS FEMALE CONN



TE Part #7-2176072-0
CPF 0201 261R 0.5% 25PPM 1K RL



TE Part #9-2176072-4
CPF 0201 464R 0.5% 25PPM 1K RL



TE Part #2176073-8
CPF 0201 634R 0.5% 25PPM 1K RL

Documents

Product Drawings

[Asy,Mated Pair, Plug & Recpt,2](#)

English

CAD Files

Customer View Model

[ENG_CVM_2008144-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_2008144-1_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_2008144-1_A.2d_dxf.zip](#)

English

3D PDF

English

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



Datasheets & Catalog Pages

[LIGHT-N-LOK Brochure](#)

English

[LIGHT-N-LOK Hot pluggable connectors flyer](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English