



Connectors > Lighting Connectors > LED Holders > Z50 LOW PROFILE LED HOLDERS



Compatible LED: Lumileds 1202, Lumileds 1202CRSP, Lumileds 1203, Lumileds 1203CRSP, Nichia L036A, Nichia L066, Nichia L121A

Lighting Connector Features Included: **Does Not Enable Zhaga Compatibility, No Driver on Board, No Thermal Protection, Not Dimmable, Not Optic Compatible, Not Programmable**

Operating Voltage: 300 VDC

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

COB Substrate Thickness: 1 mm

[All Z50 LOW PROFILE LED HOLDERS \(10\)](#)

Features

Product Type Features

Product Type	LED Holder
COB Substrate Thickness	1 mm
Connector System	Wire-to-Component
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Lighting Connector Features Included	Does Not Enable Zhaga Compatibility, No Driver on Board, No Thermal Protection, Not Dimmable, Not Optic Compatible, Not Programmable
Number of Positions	2

Electrical Characteristics

Current Rating (Max)	5 A
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Operating Voltage	300 VDC
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Body Features

Compatible LED	Lumileds 1202, Lumileds 1202CRSP, Lumileds 1203, Lumileds 1203CRSP, Nichia L036A, Nichia L066, Nichia L121A
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Contact Features

Contact Mating Area Plating Material	Silver
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	5 A

Termination Features

Termination Method to Wire & Cable	Poke-In
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Housing Material	PBT GF
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Usage Conditions

Operating Temperature Range	-40 – 105 °C
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Operation/Application

Circuit Application	Power
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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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

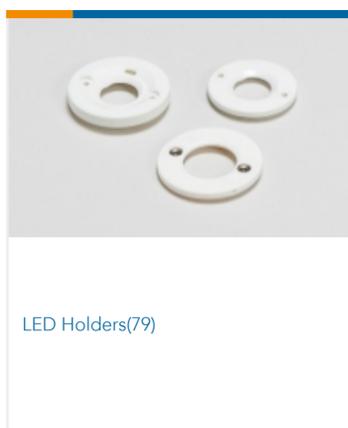
Product Compliance Disclaimer

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 | LUMAWISE LED Holders



Documents

Product Drawings

LUMAWISE LED HOLDER Z50 LOW PROFILE 1619

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2213382-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2213382-1_B.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_2213382-1_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1-1773702-2_Z50PHILLIPS_COB](#)

English

[LED Holder Type Z50_NICHIA](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[CB_CERT_IEC_60838-2-2_NL-42967_C1](#)

English