



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



Compatible LED: **Samsung LC026B, Samsung LC033B, Samsung LC040B**

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

Operating Voltage: **300 VDC**

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

COB Substrate Thickness: **1 mm**

[All Z50 Zhaga Profile LED Holders \(7\)](#)

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 | Enables Zhaga Compatibility, No Driver on Board, No Thermal Protection, Not Programmable, Optic Compatible |
| Number of Positions                  | 2                                                                                                          |

Electrical Characteristics

|                      |     |
|----------------------|-----|
| Current Rating (Max) | 5 A |
|----------------------|-----|



|                   |         |
|-------------------|---------|
| Operating Voltage | 300 VDC |
|-------------------|---------|

Body Features

|                |                                                |
|----------------|------------------------------------------------|
| Compatible LED | Samsung LC026B, Samsung LC033B, Samsung LC040B |
|----------------|------------------------------------------------|

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 |
|------------------------------------|---------|

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

Housing Features

|                  |        |
|------------------|--------|
| Housing Material | PBT GF |
|------------------|--------|

Usage Conditions

|                             |              |
|-----------------------------|--------------|
| Operating Temperature Range | -40 – 105 °C |
|-----------------------------|--------------|

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

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                   | Not Yet Reviewed                                                                                                               |
| 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)<br>Candidate List Declared Against: JUN 2018 (191)<br>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

TE Part # 8-2834006-2  
2P MRPK CONN\_BK/WE

TE Part # 2324697-2  
PUSH GRIP CONNECTOR 2P

TE Part # 2-2834245-1  
2P, FLEX GRIP WIRE CONNECTOR

Also in the Series | LUMAWISE LED Holders

LED Holders(79)

Documents

Product Drawings

LUMAWISE LED HOLDER Z50 STD PROFILE 2121

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_2213258-2\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2213258-2\_C.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_2213258-2\_C.2d\_dxf.zip





English

3D PDF

3D

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

Datasheets & Catalog Pages  
1-1773708-8\_Z50SAMSUNG\_BROCHURE

English

Product Specifications  
Application Specification

English

Agency Approvals  
CB\_CERT\_IEC\_60838-2-2\_NL-42967\_C1

English