

HS LC-F-PL-5,2X2-150 - Fiber optic



1474463

<https://www.phoenixcontact.com/us/products/1474463>

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Flexible light guide, passive, flexible, Cylinder head, emission surface: planar, number of displays: 1, (1 row, 1 column), length: 150 mm, ESD protection: <12 kV

Your advantages

- Light guides are perfectly matched to electronics housings
- Easy mounting on the PCB using press pins
- Resistance to ESD
- Housing processing available on request
- Enables simple visual status and diagnostic indicators

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1474463 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AC05 |
| Product key | ACGABC |
| GTIN | 4063151889128 |
| Weight per piece (including packing) | 3.3 g |
| Weight per piece (excluding packing) | 2 g |
| Customs tariff number | 90019000 |
| Country of origin | TN |

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Technical data

Notes

| | |
|---------------|---|
| Assembly note | The light guide is designed to be pressed into an H7-tolerated receptacle. Dry-install the LED display by pressing it in vertically. As an alternative, you can glue in the LED display, e.g., using LOCTITE 460. |
| General | Please observe the application note in the download area. |

Product properties

| | |
|----------------------|----------------------|
| Product type | Fiber optic |
| Number of positions | 1 |
| Alignment | flexible |
| Conductor type | Flexible light guide |
| Head form | Cylinder head |
| Number of indicators | 1 (1 row x 1 column) |

Electrical properties

| | |
|----------------|---------|
| ESD protection | < 12 kV |
|----------------|---------|

Dimensions

| | |
|---------------|----------------------|
| Length | 150 mm |
| Diameter | 5.2 mm |
| Hole diameter | 4.6 mm ^{H7} |

Material specifications

| | |
|----------------------|------------------|
| Color (Light guide) | transparent |
| Color (Cover) | black (RAL 9005) |
| Color (Lens) | white (RAL 9010) |
| Material Light guide | PMMA |
| Material Cover | Polycarbonate |
| Material Lens | Polycarbonate |

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|------------------|
| Max. IP code to attain | IP68 |
| Ambient temperature (operation) | -20 °C ... 50 °C |

Mounting

| | |
|---------------|----------|
| Mounting type | Press-in |
|---------------|----------|

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-15.0 | 27460404 |
| ECLASS-13.0 | 27460404 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC002943 |
|-----------|----------|

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Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

China RoHS

| | |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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