HS LC-F-PL-5,2X2-50 - Fiber optic

1474459

https://www.phoenixcontact.com/us/products/1474459

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Flexible light guide, passive, flexible, Cylinder head, emission surface: planar, number of displays: 1, (1 row, 1 column), length: 50 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	1474459
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC05
Product key	ACGABC
GTIN	4063151889203
Weight per piece (including packing)	2.2 g
Weight per piece (excluding packing)	2 g
Customs tariff number	90019000
Country of origin	TN

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	50 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

Classifications

ECLASS

ECLASS-13.0	27460404
ECLASS-15.0	27460404

ETIM

ETIM 10.0	EC002943

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%

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com