VS-PPC-F1-RJ45-P0BK-1R-PHA - Panel-mount frame

1657847

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.

RJ45 panel mounting frame, IP67, for push-pull interlocking, plastic, for PCB connection, for square panel cutout, with grommet, without mounting screws

Commercial data

Item number	1657847
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNODC
GTIN	4046356131919
Weight per piece (including packing)	5.6 g
Weight per piece (excluding packing)	5.5 g
Customs tariff number	85366990
Country of origin	DE

VS-PPC-F1-RJ45-P0BK-1R-PHA - Panel-mount frame

1657847

https://www.phoenixcontact.com/us/products/1657847

Technical data

Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.2 Connectors for Outside Environment (Balanced cabling) and chapter 13 Application specific Cabling and Interconnection Technology (AIDA)

Product properties

Product type	Panel-mount frame
Application	RJ45 PCB connection
Type	Version 14
Number of positions	8
Connection profile	RJ45

Insulation characteristics

Degree of pollution	2
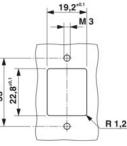
Electrical properties

Transmission medium	Copper

Connection data

Connection technology

Connection method	Spring-cage connection

Dimensions

Dimensional drawing	
Width	22.2 mm
Height	42 mm
Length	18.8 mm

Material specifications

Color	black
Material	Plastic
Flammability rating according to UL 94	V0
Seal material	NBR
Housing material	Plastic
Housing surface material	PA, light gray
Contact surface material	Au/Ni

Contact carrier material	Polyester GF

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65/IP67
Ambient temperature (operation)	-40 °C ... 70 °C

Mounting

Mounting type	Front mounting

Drawings

Dimensional drawing
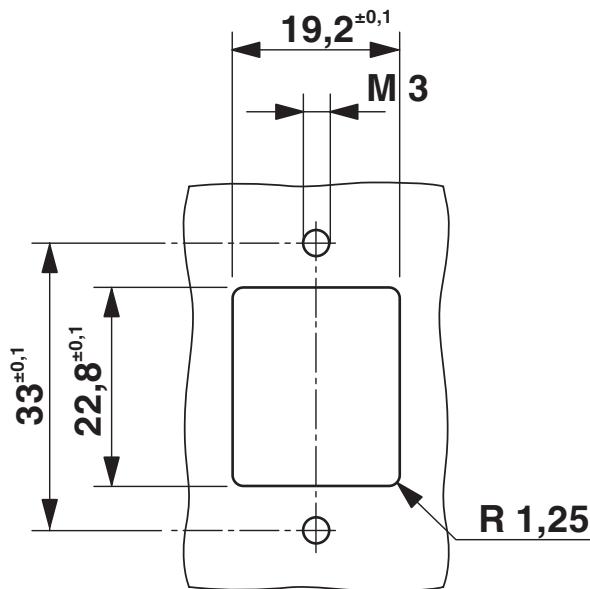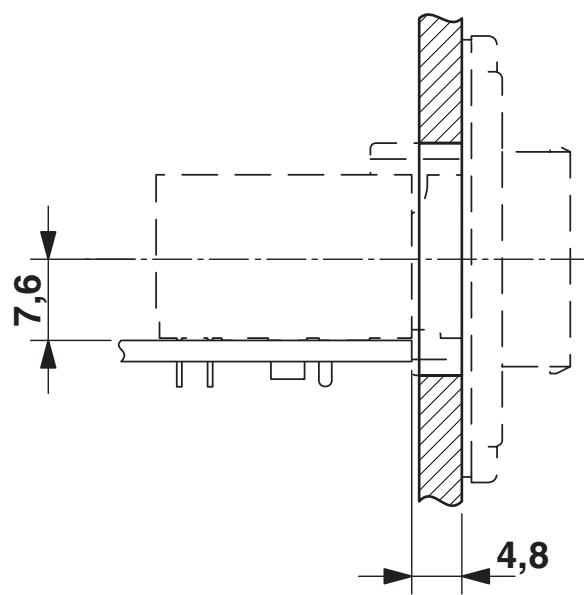
$19,2^{±0,1}$

M 3

$33^{±0,1}$

$22,8^{±0,1}$

R 1,25

Mounting cutout

Dimensional drawing

7,6

4,8

Mounting cutout

Dimensional drawing

5,5

21,5
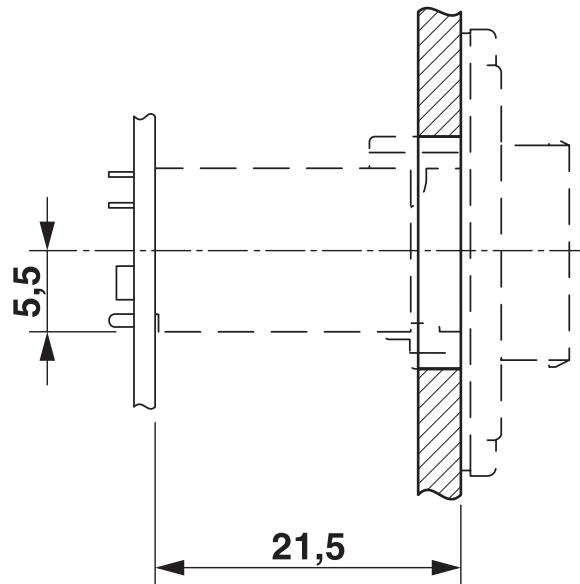
Mounting cutout

Drilling plan/solder pad geometry

8,89

6,35

3,81

1,27

2,54

$3{,}2^{\ 0}_{-0{,}1}$

1

6,35

3,05

7,3

1,6

11,43

15,75
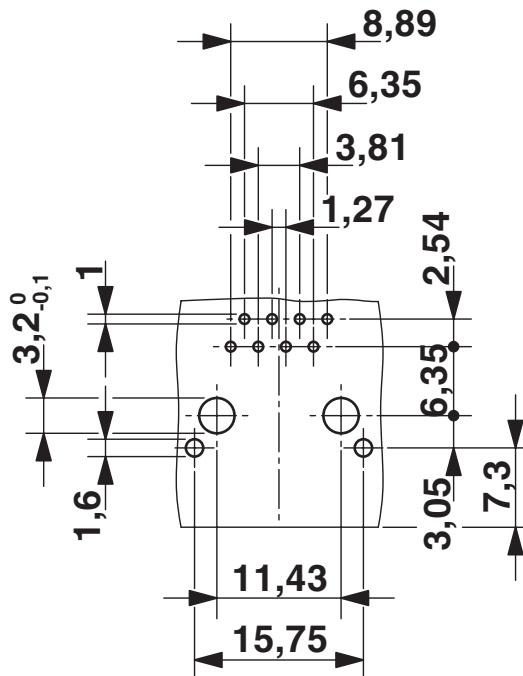
Drilling diagram

1657847

https://www.phoenixcontact.com/us/products/1657847

Classifications

ECLASS

ECLASS-13.0	27440210
ECLASS-15.0	27440210

ETIM

ETIM 9.0	EC002310

UNSPSC

UNSPSC 21.0	39121400

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%