

# Feed-through header - IC 2,5/ 3-GF-5,08 EX - 1810340

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PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal current (Ex): 12 A, nominal voltage (Ex): 176 V, number of positions: 3, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering



The figure shows a 10-position version of the product

## Your advantages

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Screwable flange for superior mechanical stability
- ✓ Well-known mounting principle allows worldwide use
- ✓ Satisfies the more stringent safety requirements of “Ex e” protection according to IEC 60079-7 for potentially explosive areas
- ✓ Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections
- ✓ Easy PCB replacement thanks to plug-in modules



## Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4046356706674

## Technical data

### Dimensions

Length [ l ]	19 mm
Width	25.36 mm
Pitch	5.08 mm
Dimension a	10.16 mm
Width [ w ]	25.36 mm
Height [ h ]	13.7 mm
Height	11 mm
Length of the solder pin	3.5 mm
Pin dimensions	1.2 x 0.5 mm

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## Technical data

### Dimensions

Pin spacing	5.08 mm
Length	19 mm

### General

Range of articles	IC 2,5/..-GF-EX
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	320 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	12 A
Maximum load current	12 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	3

### Standards and Regulations

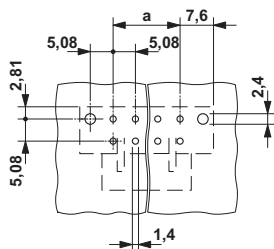
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

### Environmental Product Compliance

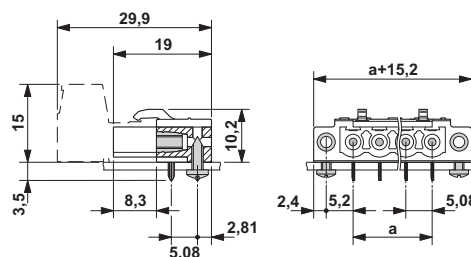
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Drilling diagram



Dimensional drawing



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## Approvals

### Approvals

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#### Approvals

EAC / cULus Recognized

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#### Ex Approvals

IECEX / ATEX / EAC Ex

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### Approval details

EAC		B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19931014
	D	B	
Nominal voltage UN	300 V	250 V	
Nominal current IN	10 A	12 A	

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