

# Feed-through header - PTSM 0,5/ 5-HH-2,5-SMD WH R32 - 1708008

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PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 5, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering, Article with anti-rotation pin



The figure shows a 3-position version

## Why buy this product

- White design: Stable color when welding and during use
- Designed for integration into the SMT soldering process
- Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting
- Additional solder anchors reduce the mechanical strain on the soldering spots



## Key Commercial Data

Packing unit	600 STK
Minimum order quantity	600 STK
GTIN	
GTIN	4046356960625

## Technical data

### Dimensions

Length [ l ]	7.5 mm
Pitch	2.5 mm
Dimension a	10 mm
Height [ h ]	5 mm
Constructional height	5 mm
Length of the solder pin	2 mm
Pin spacing	2.50 mm
Length	7.5 mm

### General

Range of articles	PTSM 0,5/...-HH-SMD WH
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## Technical data

### General

Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	125 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	6 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	white
Number of positions	5

### Standards and Regulations

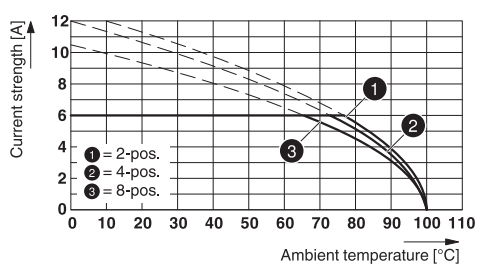
Connection in acc. with standard	EN-VDE
	UL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

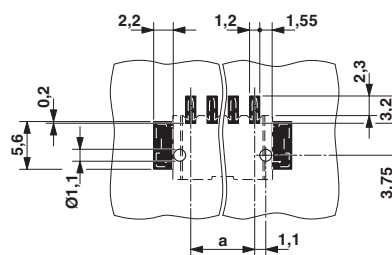
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Diagram



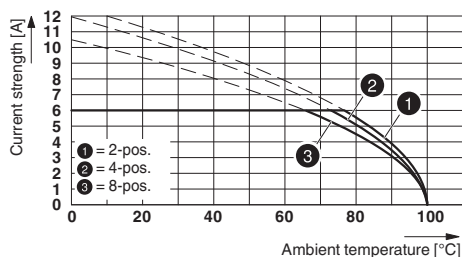
Drilling diagram



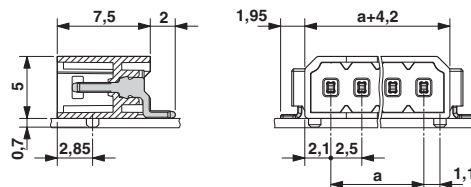
Type: PTSM 0,5/...-PL-2,5 ... with PTSM 0,5/...-HH-2,5-SMD... R...

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Diagram



Dimensional drawing



Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HH-2,5-SMD R..

## Approvals

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Approvals

UL Recognized / EAC / cULus Recognized / VDE approval of drawings

Ex Approvals

### Approval details


UL 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> E118976-20130619
		B
Nominal voltage UN		150 V
Nominal current IN		5 A

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> E60425-20110108
		B
Nominal voltage UN		150 V
Nominal current IN		6 A

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## Approvals

VDE approval of drawings		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40048497
Nominal voltage UN		160 V	
Nominal current IN		6 A	
mm <sup>2</sup> /AWG/kcmil		0.14-0.5	

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