

# Feed-through header - PTSM 0.5/ 4-HV-2.5-SMD R.. - 1778719

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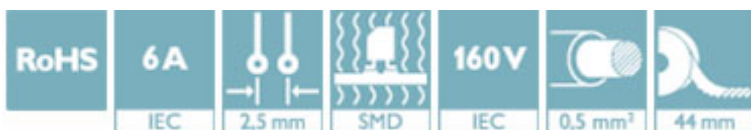


PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering, Article with anti-rotation pin


The figure shows a 3-pos. version of the product

## Your advantages

- ✓ 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
- ✓ Vertical connection enables multi-row arrangement on the PCB



## Key Commercial Data

Packing unit	400 pc
Minimum order quantity	400 pc
GTIN	 4 046356 529891
GTIN	4046356529891
Weight per Piece (excluding packing)	1.990 g
Custom tariff number	85366930
Country of origin	Germany

## Technical data

### Dimensions

Length [ l ]	5 mm
Width	15.6 mm
Pitch	2.5 mm
Dimension a	7.5 mm
Width [ w ]	15.6 mm
Height [ h ]	7.5 mm

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## Technical data

### Dimensions

Height	7.5 mm
Length	5 mm

### General

Range of articles	PTSM 0,5/..-HV-SMD WH
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)	250 V
Nominal current $I_N$	6 A
Maximum load current	6 A
Insulating material	HT PA
Flammability rating according to UL 94	V0
Color	white
Number of positions	4

### Standards and Regulations

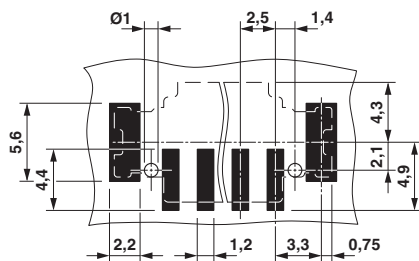
Connection in acc. with standard	UL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

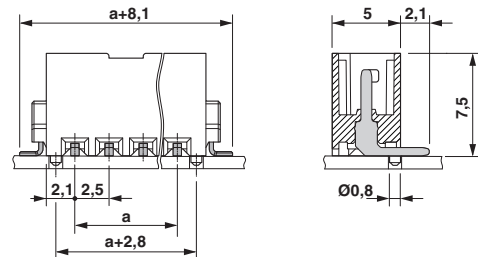
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Drilling diagram



Dimensional drawing



## Classifications

eCl@ss

eCl@ss 4.0	272607xx
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## Classifications

### eCl@ss

eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

### ETIM

ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637

### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

## Approvals


### Approvals

#### Approvals

UL Recognized / VDE Zeichengenehmigung / EAC / cULus Recognized

#### 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

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## Approvals

VDE Zeichengenehmigung		<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-.5		

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
Nominal voltage UN	150 V		
Nominal current IN	6 A		

## Accessories

### Additional products

Sample set - SAMPLE PTSM 0,5/ 4-HV...SMD WH - 1847083



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering, Article with anti-rotation pin

Printed-circuit board connector - PTSM 0,5/ 4-P-2,5 WH - 1704857



PCB connector, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, connection method: Push-in spring connection, color: white, contact surface: Tin

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### Accessories

Feed-through header - PTSM 0,5/ 4-HHI-2,5-SMD WHR44 - 1707993



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering, Article with anti-rotation pin

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Feed-through header - PTSM 0,5/ 4-HHI0-2,5-SMD WHR44 - 1815219



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering

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Feed-through header - PTSM 0,5/ 4-HHI-2,5-THR WH R32 - 1815002



PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: THR soldering

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Printed-circuit board connector - PTSM 0,5/ 4-PL-2,5 WH - 1709460



PCB connector, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 2.5 mm, connection method: Push-in spring connection, color: white, contact surface: Tin

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