

## Printed-circuit board connector - PTSM 0,5/ 2-HV-2,5-THR R32 - 1778557

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PCB headers, nominal current: 6 A, number of positions: 2, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering


The figure shows the 3-pos. version

### Your advantages

- ✓ Designed for integration into the SMT soldering process
- ✓ Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting
- ✓ Vertical connection enables multi-row arrangement on the PCB



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	330 pc
GTIN	 4 046356 529723
GTIN	4046356529723
Weight per Piece (excluding packing)	1.760 g
Custom tariff number	85366930
Country of origin	India

### Technical data

#### Dimensions

Length [ l ]	5 mm
Width	6.7 mm
Pitch	2.5 mm
Dimension a	2.5 mm
Width [ w ]	6.7 mm

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## Technical data

### Dimensions

Height [ h ]	9.5 mm
Height	7.5 mm
Length of the solder pin	2 mm
Pin dimensions	0.6 x 0.6 mm
Length	5 mm

### General

Range of articles	PTSM 0,5/..-HV-THR
Insulating material group	IIIa
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)	50 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	160 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	6 A
Maximum load current	6 A
Insulating material	LCP
Flammability rating according to UL 94	V0
Color	black
Number of positions	2

### 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

### Classifications

#### eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700

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## Classifications

### eCl@ss

eCl@ss 6.0	27260700
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637
ETIM 7.0	EC002637

### UNSPSC

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

## Approvals


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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

Printed-circuit board connector - PTSM 0,5/ 2-P-2,5 - 1778832



PCB connector, nominal current: 6 A, number of positions: 2, pitch: 2.5 mm, connection method: Push-in spring connection, color: black, contact surface: Tin