

Feed-through header - PTSM 0,5/ 3-HV-2,5-THR WH R32 - 1815277

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PCB headers, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 3, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: THR soldering

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



Key Commercial Data

Packing unit	330 pc
Minimum order quantity	330 pc
GTIN	 4 046356 761482
GTIN	4046356761482

Technical data

Dimensions

Length [l]	5 mm
Width	9.2 mm
Pitch	2.5 mm
Dimension a	5 mm
Width [w]	9.2 mm
Height [h]	9.5 mm
Height	7.5 mm
Length of the solder pin	2 mm
Pin dimensions	0.6 x 0.6 mm
Pin spacing	2.50 mm
Length	5 mm

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Technical data

General

Range of articles	PTSM 0,5/...-HV-THR 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)	320 V
Connection in acc. with standard	EN-VDE
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	3

Standards and Regulations

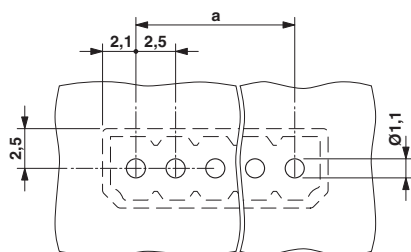
Connection in acc. with standard	EN-VDE
	UL
Flammability rating according to UL 94	V0

Environmental Product Compliance

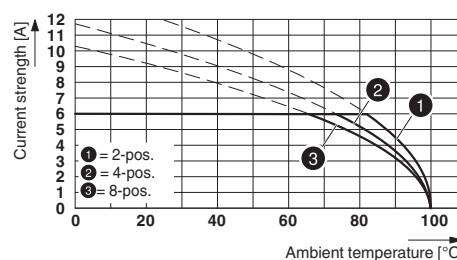
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



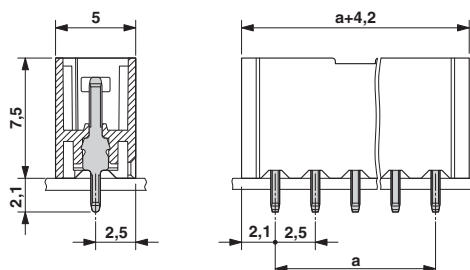
Diagram



Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HV-2,5-THR R...

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Dimensional drawing



Approvals

Approvals

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UL Recognized / VDE Zeichengenehmigung / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976-20130619
		B	
Nominal voltage UN		150 V	
Nominal current IN		5 A	

VDE Zeichengenehmigung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40048497
Nominal voltage UN		160 V	
Nominal current IN		6 A	
mm²/AWG/kcmil		0.14-.5	

EAC		B.01742
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Approvals

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-20110108	
	B
Nominal voltage UN	150 V
Nominal current IN	6 A

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