

Feed-through header - PTSM 0,5/ 4-HV-2,5-THR WH R32 - 1815280

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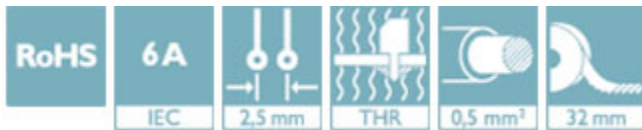


PCB headers, nominal current: 6 A, number of positions: 4, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: THR soldering


The figure shows the 3-pos. version

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	1 pc
Minimum order quantity	330 pc
GTIN	 4 046356 761499
GTIN	4046356761499
Weight per Piece (excluding packing)	1.880 g
Custom tariff number	85366930
Country of origin	India

Technical data

Dimensions

Length [l]	5 mm
Width	11.7 mm
Pitch	2.5 mm
Dimension a	7.5 mm

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Technical data

Dimensions

Width [w]	11.7 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

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	4

Standards and Regulations

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

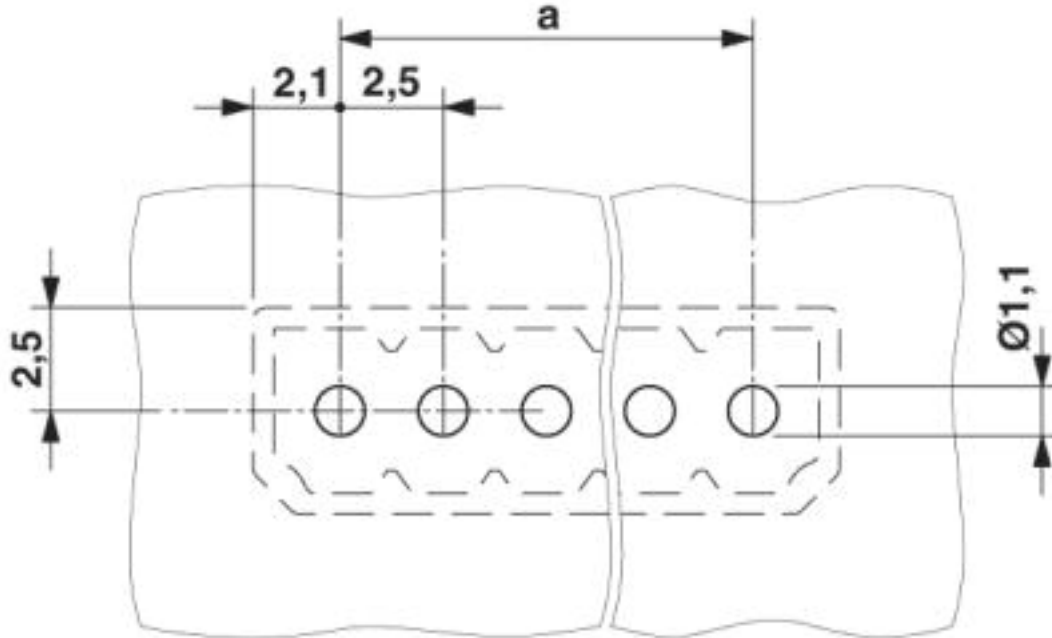
Environmental Product Compliance

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

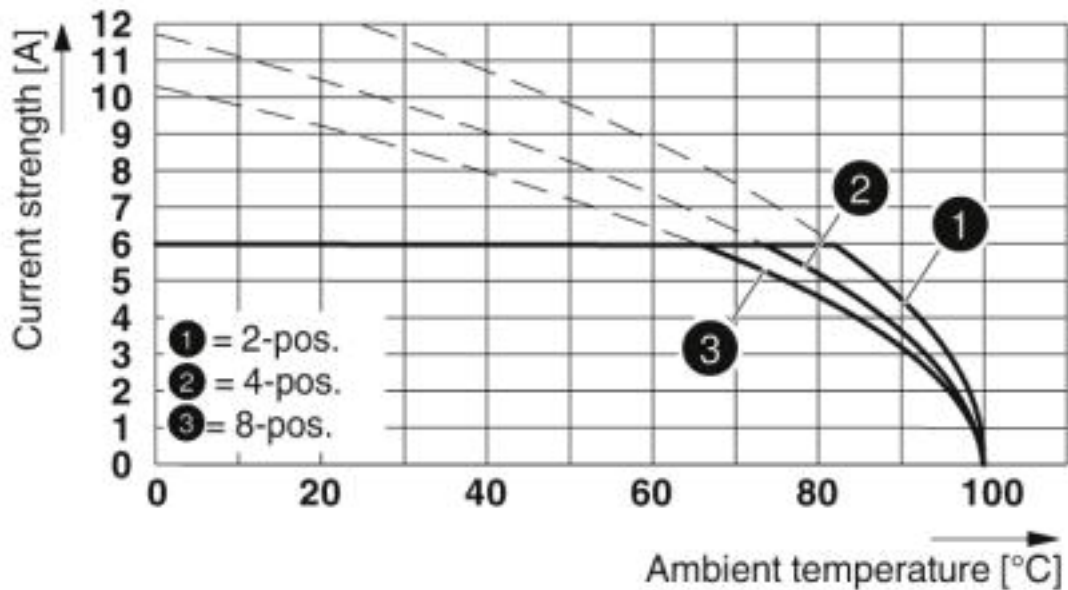
Drawings

Feed-through header - PTSM 0,5/ 4-HV-2,5-THR WH R32 - 1815280

Drilling diagram



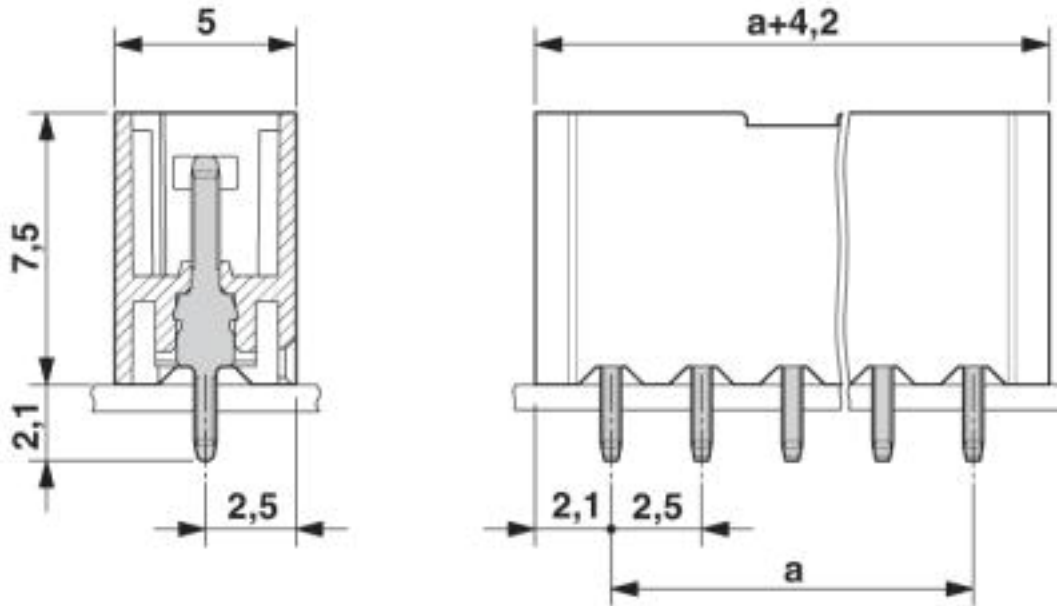
Diagram



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

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Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
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 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002637
ETIM 6.0	EC002637
ETIM 7.0	EC002637

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432

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Classifications

UNSPSC

UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121409

Approvals


Approvals


Approvals

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
mm ² /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		

Accessories

Additional products

Sample set - SAMPLE PTSM 0,5/ 4-HV-2,5-THR - 1785922



PCB headers, nominal current: 6 A, number of positions: 4, pitch: 2.5 mm, color: black, contact surface: Tin, mounting: THR soldering

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



PCB connector, nominal current: 6 A, number of positions: 4, pitch: 2.5 mm, connection method: Push-in spring connection, color: white, contact surface: Tin

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



PCB headers, nominal current: 6 A, number of positions: 4, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering, Article with anti-rotation pin

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



PCB headers, nominal current: 6 A, number of positions: 4, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering

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Accessories

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



PCB headers, nominal current: 6 A, number of positions: 4, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: THR soldering

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



PCB connector, nominal current: 6 A, number of positions: 4, pitch: 2.5 mm, connection method: Push-in spring connection, color: white, contact surface: Tin
