

Header - PTSM 0,5/ 4-HHI-2,5-THR WH R32 - 1815002

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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: THR soldering

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
- ✓ Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections



Key Commercial Data

Packing unit	500 STK
Minimum order quantity	500 STK
GTIN	 4 046356 761284
GTIN	4046356761284
Weight per Piece (excluding packing)	1.940 g
Custom tariff number	85366930
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length [l]	12 mm
Pitch	2.5 mm
Dimension a	7.5 mm
Width [w]	10.5 mm
Constructional height	5 mm
Height [h]	7.1 mm

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Technical data

Dimensions

Length of the solder pin	2.1 mm
Pin dimensions	0,6 x 0,4 mm
Hole diameter	1 mm

General

Range of articles	PTSM 0,5/...-HHI-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)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	400 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

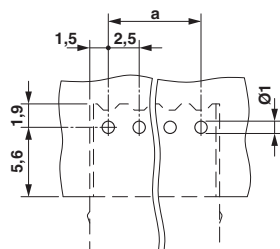
Connection in acc. with standard	UL
Flammability rating according to UL 94	V0

Environmental Product Compliance

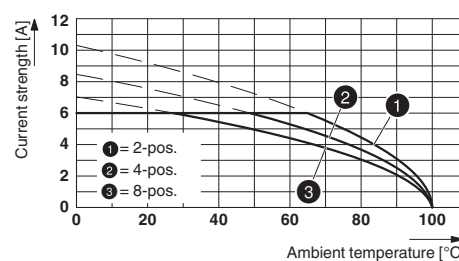
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



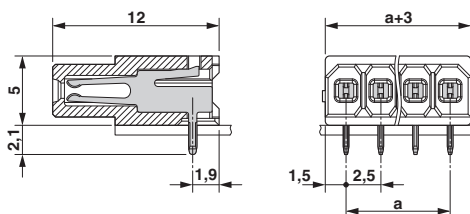
Diagram



Type: PTSM 0,5/...-HHI-2,5-THR WH R... with PTSM 0,5/...-HH-2,5-THR WH R...

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Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
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

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

EAC / UL Recognized

Ex Approvals

Header - PTSM 0,5/ 4-HHI-2,5-THR WH R32 - 1815002

Approvals

Approval details

EAC		B.01742
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UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E118976-20130619
		B
Nominal current I _N	5 A	
Nominal voltage U _N	150 V	

Accessories

Additional products

Sample set - SAMPLE PTSM 0,5/ 4-HHI-2,5-THR - 1820877



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

Header - PTSM 0,5/ 4-HH0-2,5-SMD WH R32 - 1814935



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

Header - PTSM 0,5/ 4-HV-2,5-SMD WH R44 - 1778719



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

Header - PTSM 0,5/ 4-HHI-2,5-THR WH R32 - 1815002

Accessories

Header - PTSM 0,5/ 4-HV0-2,5-SMD WH R44 - 1839211



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

Header - PTSM 0,5/ 4-HTB-2,5-SMD WH R44 - 1830142



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

Header - PTSM 0,5/ 4-HH-2,5-THR WH R32 - 1814867



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

Header - PTSM 0,5/ 4-HV-2,5-THR WH R32 - 1815280



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

Header - PTSM 0,5/ 4-HH-2,5-SMD WH R32 - 1708007



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

Header - PTSM 0,5/ 4-HHI-2,5-THR WH R32 - 1815002

Accessories

Printed-circuit board connector - PTSM 0,5/ 4-PI-2,5 WH - 1709452



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