

Header - PTSM 0,5/ 4-HHI-2,5-THR R32 - 1815073

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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: black, contact surface: Tin, mounting: THR soldering

The figure shows a 3-position version

Why buy this product

- ✓ 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	1 STK
Minimum order quantity	500 STK
GTIN	
GTIN	4046356761215
Weight per Piece (excluding packing)	1.840 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	12 mm
Pitch	2.5 mm
Dimension a	7.5 mm
Width [w]	10.5 mm

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Technical data

Dimensions

Constructional height	5 mm
Height [h]	7.1 mm
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
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)	63 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	200 V
Nominal current I _N	6 A
Maximum load current	6 A
Insulating material	LCP
Flammability rating according to UL 94	V0
Color	black
Number of positions	4

Standards and Regulations

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

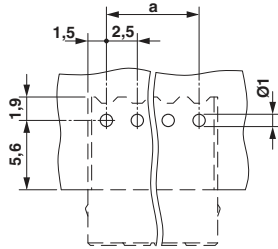
Environmental Product Compliance

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

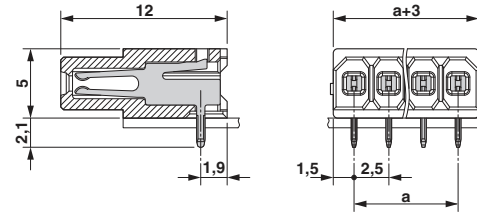
Drawings

Header - PTSM 0,5/ 4-HHI-2,5-THR R32 - 1815073

Drilling diagram



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

Header - PTSM 0,5/ 4-HHI-2,5-THR R32 - 1815073

Approvals

Ex Approvals

Approval details

EAC		B.01742
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UL Recognized		http://database.ul.com/cgi-bin/XYVV/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 R32 - 1808213



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: SMD soldering

Header - PTSM 0,5/ 4-HHI-2,5-THR R32 - 1815073

Accessories

Header - PTSM 0,5/ 4-HH1-2,5-THR R32 - 1814799



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, Article with anti-rotation pin

Header - PTSM 0,5/ 4-HH-2,5-THR R32 - 1778641



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

Printed-circuit board connector - PTSM 0,5/ 4-HV-2,5-THR R32 - 1778573



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

Printed-circuit board connector - PTSM 0,5/ 4-PI-2,5 BK - 1709437



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: black, contact surface: Tin

Header - PTSM 0,5/ 4-HH-2,5-SMD R32 - 1778780



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: SMD soldering, Article with anti-rotation pin
