

Excellent Integrated System Limited

Stocking Distributor

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[Phoenix Contact](#)
[1814841](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

<https://www.phoenixcontact.com/us/products/1814841>


Header - PTSM 0,5/ 2-HH-2,5-THR WH R16 - 1814841

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Header, Nominal current: 6 A, Rated voltage (III/2): 250 V, Number of positions: 2, Pitch: 2.5 mm, Color: White, Contact surface: Tin, Assembly: Taped SMD/THT/THR components



Key commercial data

Packing unit	1 pc
Minimum order quantity	500 pc
Weight per Piece (excluding packing)	1.12 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	7.5 mm
Height	5 mm
Pitch	2.5 mm
Dimension a	2.5 mm
Pin dimensions	0,6 x 0,6 mm
Pin spacing	2.50 mm
Hole diameter	1.1 mm

General

Range of articles	PTSM 0,5/...-HH-THR
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

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Technical data

General

Rated voltage (III/2)	250 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	PA
Inflammability class according to UL 94	V0
Color	White
Number of positions	2

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	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002637

UNSPSC

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

Approvals

Approvals

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Approvals

Approvals

GOST / UL Recognized / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

GOST

UL Recognized	
	B
mm ² /AWG/kcmil	26-20
Nominal current I _N	5 A
Nominal voltage U _N	150 V

UL Recognized	
	B
Nominal current I _N	5 A
Nominal voltage U _N	150 V

cUL Recognized	
	B
mm ² /AWG/kcmil	26-20
Nominal current I _N	5 A
Nominal voltage U _N	150 V

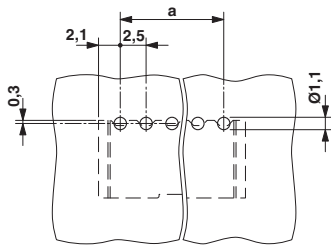
Header - PTSM 0,5/ 2-HH-2,5-THR WH R16 - 1814841

Approvals

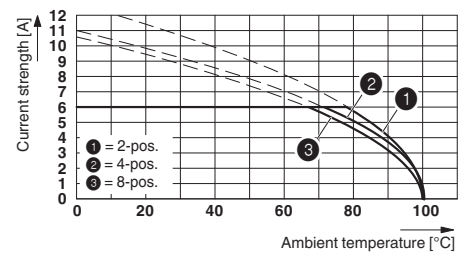


Drawings

Drilling diagram



Diagram



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

Dimensioned drawing

