

Base strip - PTSM 0,5/ 2-HH0-2,5-SMD WH R32 - 1814919

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Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD 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
- ✓ Additional solder anchors reduce the mechanical strain on the soldering spots



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	600 STK
GTIN	 4 046356 761123
GTIN	4046356761123
Weight per Piece (excluding packing)	1.170 g
Custom tariff number	85366930
Country of origin	India

Technical data

Dimensions

Length [l]	7.5 mm
Pitch	2.5 mm
Dimension a	2.5 mm
Width [w]	8.8 mm

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Technical data

Dimensions

Constructional height	5 mm
Height [h]	5 mm
Length of the solder pin	2 mm
Pin spacing	2.50 mm

General

Range of articles	PTSM 0,5/..-HH-SMD 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	2

Standards and Regulations

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

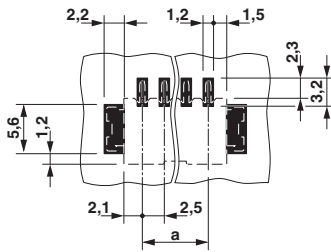
Environmental Product Compliance

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

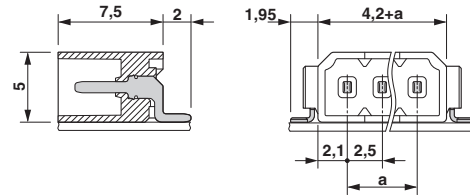
Drawings

Base strip - PTSM 0,5/ 2-HH0-2,5-SMD WH R32 - 1814919

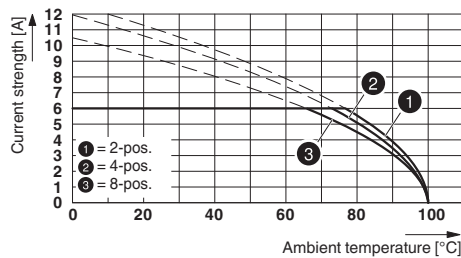
Drilling diagram



Dimensional drawing



Diagram



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

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

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Classifications

UNSPSC

UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121409

Approvals


Approvals


Approvals


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

EAC			B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20110108
			B
Nominal current I _N			6 A
Nominal voltage U _N			150 V

Accessories

Additional products

Base strip - PTSM 0,5/ 2-HH0-2,5-SMD WH R32 - 1814919

Accessories

Sample set - SAMPLE PTSM 0,5/ 2-HH0-2,5SMDWH - 1820644



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

Plug - PTSM 0,5/ 2-P-2,5 WH - 1704853



Plug component, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 2.5 mm, connection method: Push-in spring connection, color: white, contact surface: Tin

Base strip - PTSM 0,5/ 2-HHI-2,5-SMD WHR24 - 1707990



Header, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering, Article with anti-rotation pin

Base strip - PTSM 0,5/ 2-HHI0-2,5-SMD WHR24 - 1815196



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

Base strip - PTSM 0,5/ 2-HHI-2,5-THR WH R24 - 1814980



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

Base strip - PTSM 0,5/ 2-HH0-2,5-SMD WH R32 - 1814919

Accessories

Printed-circuit board connector - PTSM 0,5/ 2-PL-2,5 WH - 1709457



Plug component, nominal current: 6 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 2.5 mm, connection method: Push-in spring connection, color: white, contact surface: Tin