

Feed-through header - PTSM 0,5/ 6-HV-2,5-SMD WH R44 - 1778735

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The figure shows a 3-position version

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

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
- ✓ Additional solder anchors reduce the mechanical strain on the soldering spots
- ✓ Vertical connection enables multi-row arrangement on the PCB



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	400 pc
GTIN	 4 046356 529914
GTIN	4046356529914
Weight per Piece (excluding packing)	2.400 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	5 mm
Width	20.6 mm
Pitch	2.5 mm

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Technical data

Dimensions

Dimension a	12.5 mm
Width [w]	20.6 mm
Height [h]	7.5 mm
Height	7.5 mm
Length	5 mm

General

Range of articles	PTSM 0,5/...-HV-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)	250 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	6

Standards and Regulations

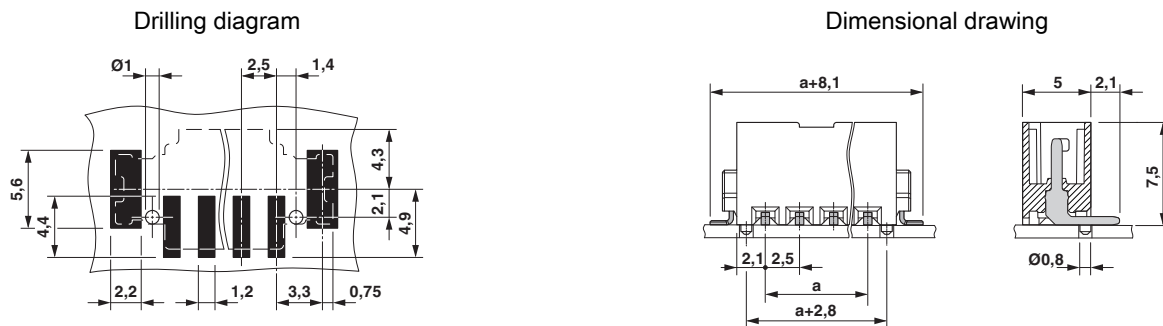
Connection in acc. with standard	UL
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

Drawings

Feed-through header - PTSM 0,5/ 6-HV-2,5-SMD WH R44 - 1778735



Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
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 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

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UL Recognized / VDE Zeichengenehmigung / EAC / cULus Recognized

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Approvals

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	
mm²/AWG/kcmil		0.14-.5	

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 voltage UN		150 V	
Nominal current IN		6 A	

Accessories

Additional products

Feed-through header - PTSM 0,5/ 6-HV-2,5-SMD WH R44 - 1778735

Accessories

Sample set - SAMPLE PTSM 0,5/ 6-HV...SMD WH - 1847106



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

Printed-circuit board connector - PTSM 0,5/ 6-P-2,5 WH - 1704859



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

Feed-through header - PTSM 0,5/ 6-HHI-2,5-SMD WHR44 - 1707998



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

Feed-through header - PTSM 0,5/ 6-HHI0-2,5-SMD WHR44 - 1815235



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

Feed-through header - PTSM 0,5/ 6-HHI-2,5-THR WH R32 - 1815028



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

Feed-through header - PTSM 0,5/ 6-HV-2,5-SMD WH R44 - 1778735

Accessories

Printed-circuit board connector - PTSM 0,5/ 6-PL-2,5 WH - 1709463



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

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