

Printed-circuit board connector - PTSM 0,5/ 7-P-2,5 WH - 1704860

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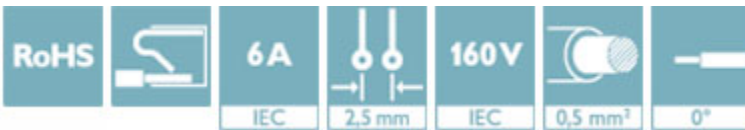


PCB connector, nominal current: 6 A, number of positions: 7, pitch: 2.5 mm, connection method: Push-in spring connection, color: white, contact surface: Tin

The figure shows a 3-position version

Your advantages

- ✓ White design: Stable color when welding and during use
- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ High current carrying capacity of 6 A in very compact dimensions



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356740852
Weight per Piece (excluding packing)	2.000 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

Dimensions

Length [l]	15 mm
Width [w]	18.6 mm
Height [h]	5 mm
Pitch	2.5 mm
Dimension a	15 mm

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Technical data

General

Range of articles	PTSM 0,5/..-P WH
Number of positions	7
Connection method	Push-in spring connection
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)	100 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
Nominal cross section	0.5 mm ²
Maximum load current	6 A
Insulating material	HT PA
Flammability rating according to UL 94	V0
Stripping length	6 mm

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.34 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	20
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	20

Standards and Regulations

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

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
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Technical data

Environmental Product Compliance

	No hazardous substances above threshold values
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Classifications

eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440309
eCl@ss 8.0	27440309
eCl@ss 9.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002637
ETIM 6.0	EC002638
ETIM 7.0	EC002638

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


Ex Approvals

Printed-circuit board connector - PTSM 0,5/ 7-P-2,5 WH - 1704860


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
mm ² /AWG/kcmil			26-18

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
mm ² /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	E60425-20101209
			B
Nominal voltage UN			150 V
Nominal current IN			5 A
mm ² /AWG/kcmil			26-20

Accessories

Accessories

Cable end sleeve

Printed-circuit board connector - PTSM 0,5/ 7-P-2,5 WH - 1704860

Accessories

Ferrule - AI 0,25- 6 BU - 3203040



Ferrule, sleeve length: 6 mm, length: 10.5 mm, color: blue

Ferrule - AI 0,25- 6 YE - 3203024



Ferrule, sleeve length: 6 mm, length: 10.5 mm, color: yellow

Ferrule - AI 0,34- 6 TQ - 3203053



Ferrule, sleeve length: 6 mm, length: 10.5 mm, color: turquoise

Screwdriver tools

Screwdriver - SZS 0,4X2,0 - 1205202



Micro screwdriver, bladed, size: 0.4 x 2.0 x 60 mm, 2-component grip, with non-slip grip and twist cap

Additional products

Feed-through header - PTSM 0,5/ 7-HH-2,5-SMD WH R44 - 1708016



PCB headers, nominal current: 6 A, number of positions: 7, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering, Article with anti-rotation pin

Printed-circuit board connector - PTSM 0,5/ 7-P-2,5 WH - 1704860

Accessories

Feed-through header - PTSM 0,5/ 7-HH0-2,5-SMD WH R44 - 1814964



PCB headers, nominal current: 6 A, number of positions: 7, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering

Feed-through header - PTSM 0,5/ 7-HV-2,5-SMD WH R44 - 1778748



PCB headers, nominal current: 6 A, number of positions: 7, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering, Article with anti-rotation pin

Feed-through header - PTSM 0,5/ 7-HV0-2,5-SMD WH R44 - 1839240



PCB headers, nominal current: 6 A, number of positions: 7, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering

Feed-through header - PTSM 0,5/ 7-HTB-2,5-SMD WH R44 - 1830171



PCB headers, nominal current: 6 A, number of positions: 7, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: SMD soldering

Feed-through header - PTSM 0,5/ 7-HH-2,5-THR WH R44 - 1814896



PCB headers, nominal current: 6 A, number of positions: 7, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: THR soldering

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Accessories

Feed-through header - PTSM 0,5/ 7-HV-2,5-THR WH R44 - 1815316



PCB headers, nominal current: 6 A, number of positions: 7, pitch: 2.5 mm, color: white, contact surface: Tin, mounting: THR soldering

Printed-circuit board connector - PTSM 0,5/ 7-PI-2,5 WH - 1709455



PCB connector, nominal current: 6 A, number of positions: 7, pitch: 2.5 mm, connection method: Push-in spring connection, color: white, contact surface: Tin
