

Excellent Integrated System Limited

Stocking Distributor

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For any questions, you can email us directly:

sales@integrated-circuit.com



Extract from the online
catalog

PTSM 0,5/ 2-P-2,5

Order No.: 1778832



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1778832>

Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V,
Number of positions: 2, Pitch: 2.5 mm, Connection method: Spring-
cage conn., Color: black, Metal surface: Sn

Commercial data

GTIN (EAN)	
sales group	E410
Pack	250 pcs.
Customs tariff	85369010
Catalog page information	Page 183 (NTK-2010)

Product notes

WEEE/RoHS-compliant since:
09/17/2009



[http://
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)
Please note that the data given
here has been taken from the
online catalog. For comprehensive
information and data, please refer
to the user documentation. The
General Terms and Conditions of
Use apply to Internet downloads.

Technical data

Dimensions / positions

Pitch	2.5 mm
Dimension a	2.5 mm
Number of positions	2

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Technical data

Range of articles	PTSM 0,5/...-P
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/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	6 A
Nominal voltage U_N	100 V
Nominal cross section	0.5 mm ²
Maximum load current	6 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	6 mm
Nominal voltage, UL/CUL Use Group B	150 V
Nominal current, UL/CUL Use Group B	5 A

Connection data

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

Certificates / Approvals


PTSM 0,5/ 2-P-2,5 Order No.: 1778832

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Certification

CUL, UL

Accessories

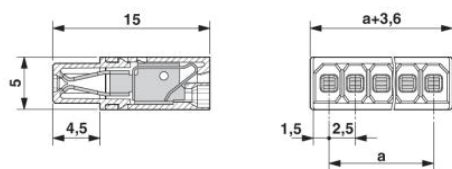
Item	Designation	Description
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Tools

1205202	SZS 0,4X2,0	Micro screwdriver, bladed, size: 0.4 x 2.0 x 60 mm, 2-component grip, with non-slip grip and twist cap
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Diagrams/Drawings

Dimensioned drawing



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