

Plug - PTSM 0,5/4-P-2,5 WH - 1704857

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The illustration shows a 3-position version

Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 2.5 mm, Connection method: Push-in spring connection, Color: white, Contact surface: Tin

> 特力材料886-3-5753170 胜特力电子(上海) 86-21-34970699 胜特力电子(深圳) 86-755-83298787 Http://www.100v.com.tw

> > WWW.100Y.COM

Product Features

- Can be plugged into THR and SMD base strips
- Miniature plug with 2.5 mm pitch









Key Commercial Data

IEC 2,5 mm IEC	
Key Commercial Data	
Packing unit	1 pc CONTINUE TO THE TOTAL OF T
Weight per Piece (excluding packing)	1.12 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

Dimensions

Length	M. 100 T. COM. T.	15 mm	
Height	W. 1001. COM. 1W	5 mm	7.
Pitch	WW. TIOOY. CONITW	2.50 mm	M
Dimension a	WWW. 100Y. CO. TITY	7.5 mm	00

General

Insulating material group	WW. 100Y.COM.TW	I WILLIAM	W. 1001.5
Rated surge voltage (III/3)	WWW. 100X.CO. TW	2.5 kV	MM. 100X.C
Rated surge voltage (III/2)	WWW. SOY. CONSTI	2.5 kV	WWW
Rated surge voltage (II/2)	MM. Ing. COM.	2.5 kV	
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WWW.100Y.COM.TW



Plug - PTSM 0,5/ 4-P-2,5 WH - 1704857 WWW.100Y.COM.TW WWW.100Y.COM.TW

Technical data

General

J4857
M. 100 Y. COW. 1
100 V
160 V
320 V
EN-VDE
6 A COM
0.5 mm ²
6 A
HT PA
V0 WWW.100X-0X-XW
6 mm
4 WWW. COST

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	0.5 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.5 mm²
Conductor cross section AWG min.	24 WW 1007
Conductor cross section AWG max.	20 LC TW
Minimum AWG according to UL/CUL	26 (0)
Maximum AWG according to UL/CUL	20 COM- WY COM-

Standards and Regulations

Connection in acc. with standard	EN-VDE	MMM. TOOY. COME
WATTA TOO TO THE	CUL	MAN TAN COM.
Flammability rating according to UL 94	V0	M. Ton COM:
Classifications	WWW.100Y.COM.TW	MMM.Toox.COW.T
eCl@ss		

Classifications

eCl@ss

Classifications			
eCl@ss			
eCl@ss 4.0	MAN. TOO N. COM.	272607xx	MAM. TOUX CO.
eCl@ss 4.1	M. Ing. COM.	27260701	WWW. COV.CO
eCl@ss 5.0	M. T.M. TOO COM. I.A.	27260701	I INW. INCOL
eCl@ss 5.1	W. W.1001. COM.T.	27141190	W.100
eCl@ss 6.0	WW. 2100X.	27260704	W. W.
eCl@ss 7.0	MM M. TOOX.CO.	27440402	IN
	MMM.100X.COV	M.TW WWW.100Y.CO.	04/20/2016 Page 2 / 7



W.100X.COM.TW Plug - PTSM 0,5/ 4-P-2,5 WH - 1704857 WWW.100Y.COM.TW WWW.100Y.C

Classifications

eCl@ss

eCl@ss 8.0 27440402	Classifications	
	eCl@ss	
eCl@ss 9 0 27440402	eCl@ss 8.0	27440402
12.1.0.102	eCl@ss 9.0	27440402

ETIM

ETIM	WWW.100Y.COM.TW	WWW.100Y.COM.TW	
ETIM 3.0	MAN TOOK COW TAN	EC001121	
ETIM 4.0	WW TIOOX.COM.TW	EC002638	
ETIM 5.0	WWW.co.r.T	EC002637	

UNSPSC

JNSPSC	
UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409
Approvals Approvals	W.100Y.COM.TW WWW.100Y.COM.TW

WWW.100Y.C

100Y.COM.TW

WW.100Y.COM.TW

WWW.100Y.COM.TW

WWW.100Y.COM

CW.100Y.COM.TW

WW.100Y.COM.TW Approvals

Approvals

WWW.1007.CC UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

WW.100Y.COM.TW

WWW.100Y.COM.7

YCOM.TW

W.100Y.COM.TW

WWW.100Y.CO

MMM.100.

Ex Approvals

Approvals submitted

Approval details

Approval details	WWW.100Y.COM.TW	WWW.100Y.COM.TW	MMM.100X.COW.1
UL Recognized S	MAMA'100X'COM'IA	WWW.100X.COM.TW	WWW.TOOX.COM
	MAN TOO COM.	B WWW. COM	MAN W. TOON CO
mm²/AWG/kcmil	M. Ton COM.	26-20	NWW.FOOV.C
Nominal current IN	M. 100 F. COM. I	5 A	M. Ind
Nominal voltage UN	MA 100 Y. COM.	150 V	M. M.
	MMM.100X.COM	W.TW WWW.100x.COM.	04/20/2016 Page 3 / 7

N.100Y.COM.TW

WWW.100Y.COM.TW

WWW.100Y.6

W.100Y.COM.TW

WWW.100Y.COM.TV

WWW.100Y.CO.

WWW.100Y.COM.TW

CW.100Y.COM.TW

WWW.100Y.COM.TW

COM.TV

WWW.100X.C



Plug - PTSM 0,5/ 4-P-2,5 WH - 1704857 WWW.100Y.COM.TW WWW.100Y.C

Approvals

Approvals	
ON COM. THE WAY TO THE	COM WANNING COM TAN
cUL Recognized • 1	
. 100Y. CONT. TW	Dr. M.IM B W. W. 100 r. C.W. TW.
mm²/AWG/kcmil	26-20
Nominal current IN	5A WWW. CONTROL
	150 V

7. 2. 3. 4. M. S. 2. C. L. A.	1110	7/1.1	41 100	OM
EAC				
-71				

EAC



Accessories

Accessories

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 WWW.100Y.COM.TW

Additional products

Base strip - PTSM 0,5/4-HH0-2,5-SMD WH R32 - 1814935

JOOY.COM.TW

WW.100Y.COM.7

WWW.100X.COM

HOOY.COM.TW

WWW.100Y.COM.TW



Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 2.5 mm, Color: white, Contact MMM.100X'COV WWW.100Y.CO WWW.100Y.COM.TW WWW.100Y.COM.TW surface: Tin, Mounting: SMD soldering

N.100Y.COM.TW

WWW.100Y.COM.TW

WWW.100Y.CC

N.100Y.COM.TW

WWW.100Y.COM.TW WWW.100Y.COM.7

W.100 Y.COM.TW

WW.100Y.COM.TW

WWW.100Y.COM.TW

WWW.100Y.COM.



Plug - PTSM 0,5/ 4-P-2,5 WH - 1704857

Accessories

Base strip - PTSM 0,5/ 4-HV-2,5-SMD WH R44 - 1778719



Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 2.5 mm, Color: white, Contact surface: Tin, Mounting: SMD soldering, Article with anti-rotation pin

Base strip - PTSM 0,5/4-HV0-2,5-SMD WH R44 - 1839211



Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Pitch: 2.5 mm, Color: white, Contact surface: Tin, Mounting: SMD soldering

Base strip - PTSM 0,5/ 4-HTB-2,5-SMD WH R44 - 1830142



Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 2.5 mm, Contact surface: Tin, Mounting: SMD soldering

Base strip - PTSM 0,5/4-HH-2,5-THR WH R32 - 1814867



Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 2.5 mm, Color: white, Contact surface: Tin, Mounting: THR soldering

Base strip - PTSM 0,5/ 4-HV-2,5-THR WH R32 - 1815280



Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 2.5 mm, Color: white, Contact surface: Tin, Mounting: THR soldering



Plug - PTSM 0,5/ 4-P-2,5 WH - 1704857

Accessories

Base strip - PTSM 0,5/ 4-HH-2,5-SMD WH R32 - 1708007

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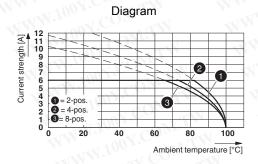
Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Pitch: 2.5 mm, Color: white, Contact surface: Tin, Mounting: SMD soldering, Article with anti-rotation pin

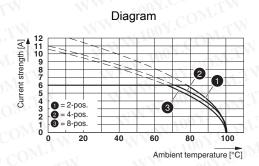
Plug - PTSM 0,5/ 4-PI-2,5 WH - 1709452



Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 2.5 mm, Connection method: Push-in spring connection, Color: white, Contact surface: Tin

Drawings





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

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

Dimensional drawing

