



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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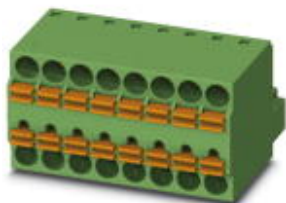
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Printed-circuit board connector - TFMC 1,5/ 4-ST-3,5 - 1772634

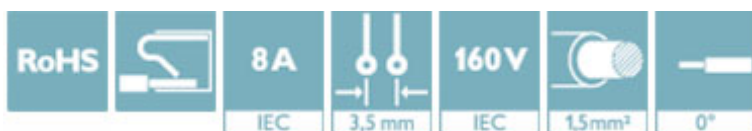
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PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Why buy this product

- Potentials can be easily looped through – ideal for BUS applications
- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Intuitive use through colour coded actuation lever



Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 463973
GTIN	4046356463973

Technical data

Dimensions

Length [l]	22.9 mm
Width [w]	14.8 mm
Height [h]	15.7 mm
Pitch	3.5 mm
Dimension a	10.5 mm

General

Range of articles	TFMC 1,5/..-ST
Type of contact	Female connector
Number of positions	4
Connection method	Push-in spring connection
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV

Printed-circuit board connector - TFMC 1,5/ 4-ST-3,5 - 1772634

Technical data

General

Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	8 A
Nominal cross section	1.5 mm ²
Maximum load current	8 A
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	10 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	1.5 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.	1.5 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.	0.75 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	16

Specifications for ferrules

Recommended crimping pliers	1212034 CRIMPFOX 6
Ferrules without insulating collar, according to DIN 46228-1	Cross section: 0.25 mm ² ; Length: 5 mm ... 7 mm
	Cross section: 0.5 mm ² ; Length: 8 mm ... 10 mm
	Cross section: 0.75 mm ² ; Length: 8 mm ... 10 mm
	Cross section: 1 mm ² ; Length: 8 mm ... 10 mm

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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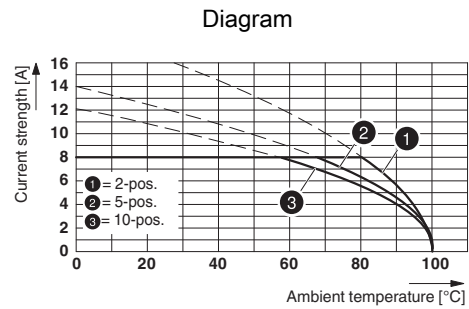
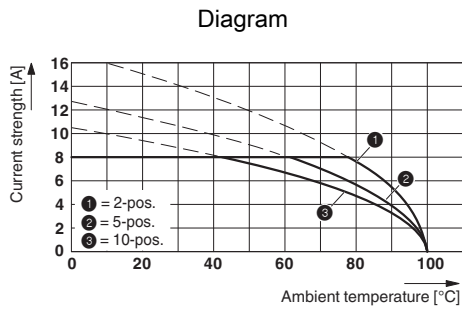
Printed-circuit board connector - TFMC 1,5/ 4-ST-3,5 - 1772634

Technical data

Environmental Product Compliance

	No hazardous substances above threshold values
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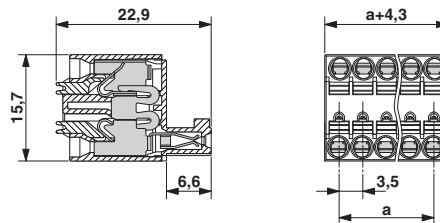
Drawings



Derating curve for: TFMC 1,5/...-ST-3,5 with MCV 1,5/...-G-3,5

Type: TFMC 1,5/...-ST-3,5 with MC 1,5/...-G-3,5

Dimensional drawing



Approvals

Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / cULus Recognized / IEC/CE CB Scheme / EAC

Ex Approvals


Approval details


VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40011723
Nominal voltage UN	160 V		


Printed-circuit board connector - TFMC 1,5/ 4-ST-3,5 - 1772634

Approvals

Nominal current I _N	8 A
mm ² /AWG/kcmil	0.2-1.5

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19920306		
	B	C
Nominal voltage U _N	300 V	50 V
Nominal current I _N	8 A	8 A
mm ² /AWG/kcmil	24-16	24-16

IECEE CB Scheme  http://www.iecee.org/ DE1-60604-B1B2	
Nominal voltage U _N	160 V
Nominal current I _N	8 A
mm ² /AWG/kcmil	0.2-1.5

EAC 	B.01742
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