Printed-circuit board connector - TFMC 1,5/10-ST-3,5 - 1772692

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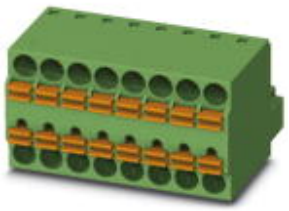

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 10, Pitch: 3.5 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

Product Features

- Fast conductor connection thanks to Push-in spring-cage connection
- Very compact, front TWIN connection for 1.5 mm²
- Touch connection for voltage testing using a 1 mm Ø test pin
- Signal distribution of up to 8 A directly on the device
- Two connections per position

Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	10.0 GRM
Custom tariff number	85366990
Country of origin	Poland

Technical data

Dimensions

Pitch	3.5 mm
Dimension a	31.5 mm

General

Range of articles	TFMC 1,5/..-ST
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

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Technical data

General

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 mm²
Maximum load current	8 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	10 mm
Number of positions	10

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	1.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	16

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440309

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Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

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

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

		B	C
mm²/AWG/kcmil	24-16	24-16	
Nominal current IN	8 A	8 A	
Nominal voltage UN	300 V	50 V	

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cUL Recognized

		B	C
mm²/AWG/kcmil	24-16	24-16	
Nominal current IN	8 A	8 A	
Nominal voltage UN	300 V	50 V	

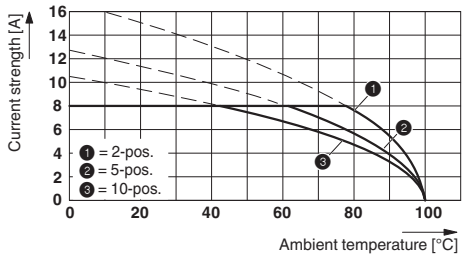
GOST

GOST

cULus Recognized

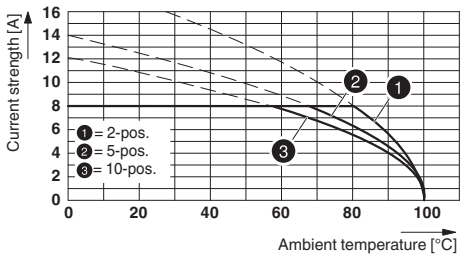
Drawings

Diagram



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

Diagram



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

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Dimensioned drawing