

Printed-circuit board connector - FKCVW 2,5/16-STF - 1910348

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

Product Features

- Fast conductor connection thanks to Push-in spring-cage connection
- Conductor entry on the rippled side of the plug
- Two test connections for accommodating 2 mm Ø test pins or 2.3 mm Ø test plug



Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	29.71 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Pitch	5 mm
Dimension a	75 mm

General

Range of articles	FKCVW 2,5/...-STF
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V

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Technical data

General

Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal cross section	2.5 mm ²
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A2
Stripping length	10 mm
Number of positions	16

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 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.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	12

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

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Classifications

eCl@ss

eCl@ss 7.0	27440402
eCl@ss 8.0	27440309

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


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UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / IECCEB Scheme / GOST / CCA / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 		
	B	D
mm ² /AWG/kcmil	26-12	26-12
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

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Approvals


VDE Gutachten mit Fertigungsüberwachung 

mm ² /AWG/kcmil	0.2-2.5
Nominal current I _N	12 A
Nominal voltage U _N	250 V

cUL Recognized 

	B	D
mm ² /AWG/kcmil	26-12	26-12
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

GOST 

IECEE CB Scheme 

mm ² /AWG/kcmil	0.2-2.5
Nominal current I _N	12 A
Nominal voltage U _N	250 V

GOST 

CCA

mm ² /AWG/kcmil	0.2-2.5
Nominal current I _N	12 A
Nominal voltage U _N	250 V

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Approvals



Drawings

Dimensioned drawing

