Printed-circuit board connector - TFKC 2,5/10-ST-5,08 - 1962684

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The figure shows a 10-position version of the product

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Product Features

- Integrated 2.3 mm Ø test connection
- SK marking strips for DeviceNet color coding: SK 5,08/3,8 DN / Order No. 1965458
- Front TWIN connection for 2.5 mm²
- DeviceNet-compliant version with gold-plated contact system

Key commercial data

package_quantity	50
GTIN	4017918912116

Technical data

Dimensions

Length	25.7 mm
Height	22.1 mm
Pitch	5.08 mm
Dimension a	45.72 mm

General

Range of articles	TFKC 2,5/..-ST
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)	320 V
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 mm²
Maximum load current	12 A
Insulating material	PA

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Technical data

General

Inflammability class according to UL 94	V0
Stripping length	10 mm
Number of positions	10

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm²
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 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²
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
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409

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classifications

UNSPSC

UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

approvals

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

Approval details

UL Recognized

Usegroups	**B**	**D**
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	26-12	26-12

VDE Gutachten mit Fertigungsüberwachung

Nominal voltage UN	250 V
Nominal current IN	12 A
mm²/AWG/kcmil	0.2-2.5

cUL Recognized

Usegroups	**B**	**D**
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	26-12	26-12

IECEE CB Scheme

Nominal voltage UN	250 V
Nominal current IN	12 A
mm²/AWG/kcmil	0.2-2.5

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approvals

GOST

CCA	
Nominal voltage UN	250 V
Nominal current IN	12 A
mm²/AWG/kcmil	0.2-2.5

cULus Recognized

accessories

Coding element

CP-MSTB - 1734634



Test plug terminal block

RPS - 0201647



Screwdriver tools

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accessories

SZS 0,6X3,5 - 1205053



Terminal marking

SK U/2,8 WH:UNBEDRUCKT - 0803883



Labeled terminal marker

SK 5,08/2,8:FORTL.ZAHLEN - 0804280



Marker pen

B-STIFT - 1051993



Insulating sleeve

MPS-IH WH - 0201663



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accessories

MPS-IH RD - 0201676



MPS-IH BU - 0201689



accessories

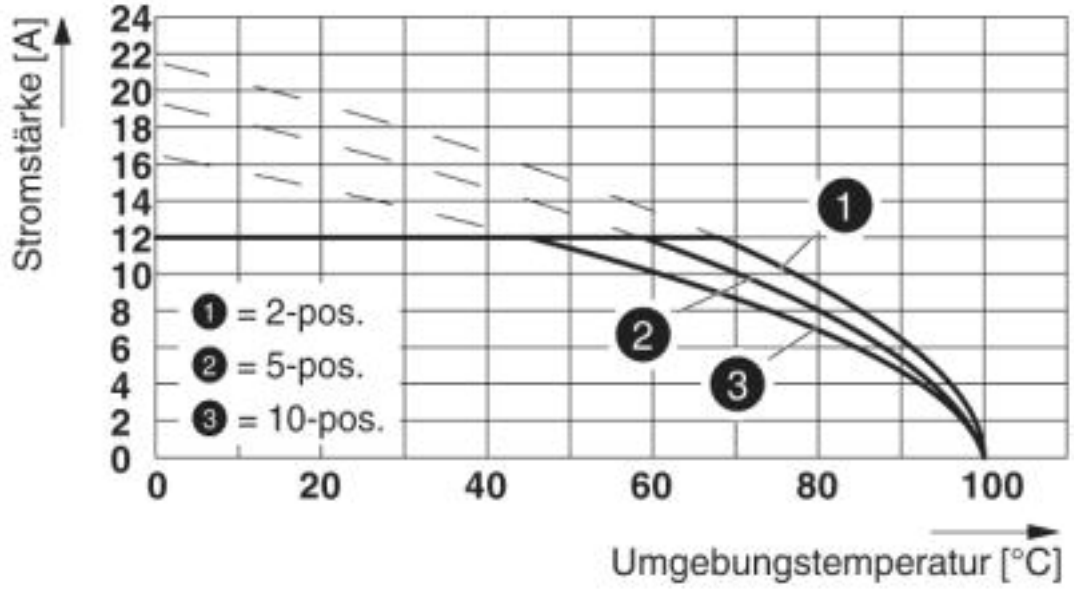
SK 5,08/2,8:SO - 0805108



Drawings

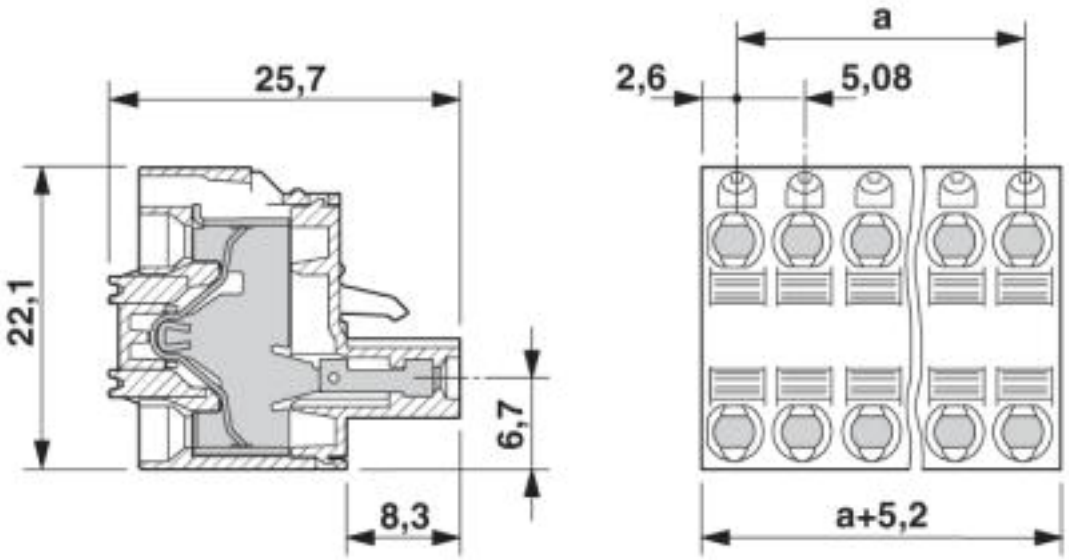
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Diagram



Type: TFKC 2,5/...-ST-5,08 with MSTBVA 2,5/...-G-5,08

Dimensioned drawing



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