



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China




FKDSO 2,5/ 2-R KMGY

Order No.: 2200316

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2200316>

PC terminal block, Nominal current: 22 A, Nom. voltage: 250 V, Pitch:
5 mm, Number of positions: 2, Connection method: Spring-cage conn.,
Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color:
light gray, Article with lateral pin exit

Commercial data

GTIN (EAN)	
sales group	F057
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 145 (CC-2011)

Product notesWEEE/RoHS-compliant since:
02/04/2010

[http://
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)
Please note that the data given
here has been taken from the
online catalog. For comprehensive
information and data, please refer
to the user documentation. The
General Terms and Conditions of
Use apply to Internet downloads.

Technical data**Dimensions / positions**

Length	25.9 mm
Height	26.5 mm
Pitch	5 mm

Dimension a	5 mm
Number of positions	2
Pin dimensions	0,8 x 1,0 mm
Pin spacing	7.62 mm
Hole diameter	1.4 mm

Technical data

Range of articles	FKDSO 2,5/..-R
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
Rated voltage (III/2)	250 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	22 A
Nominal cross section	2.5 mm ²
Maximum load current	22 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	10 mm

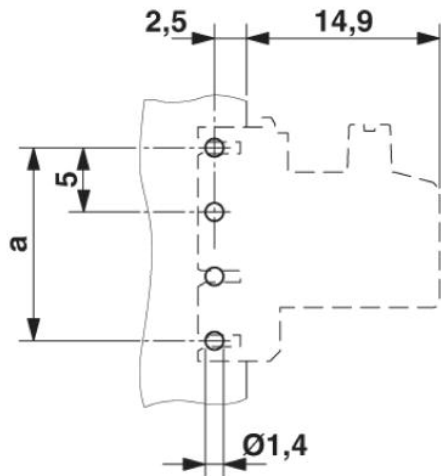
Connection data

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	14

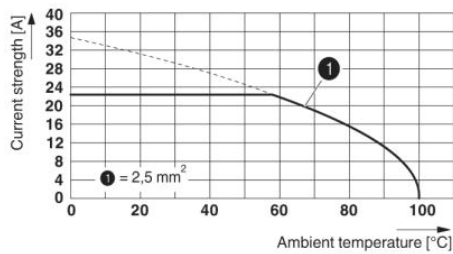
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²

Diagrams/Drawings

Drilling plan/solder pad geometry

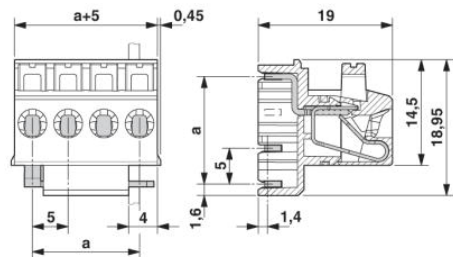


Diagram



Type: FKDSO 2,5/...KMGY
 Tested in accordance with DIN EN 60512-5-2:2003-01
 Reduction factor = 1

Dimensioned drawing



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



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