

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!



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Panel feed-through terminal block, Connection method: Screw connection, Solder/Slip-on connection, Cross section: 0.2 mm² - 4 mm², AWG 24 - 12, Width: 6.2 mm, Color: gray

The illustration shows version DFK-2,8 FRONT 2,5



### **Key Commercial Data**

Packing unit	1 pc
GTIN	4 017918 003739
Weight per Piece (excluding packing)	7.93 g
Custom tariff number	85369010
Country of origin	Bulgaria

#### Technical data

#### General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V2
Rated surge voltage	4 kV
Pollution degree	3
Overvoltage category	III
Insulating material group	I
Nominal current I <sub>N</sub>	17.5 A
Nominal voltage U <sub>N</sub>	400 V
Open side panel	nein



### Technical data

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Number of positions	0	
Dimensions		
Width	6.2 mm	
Connection data		
Connection side	Level 1 ext. 1	
Connection method	Screw connection	
Conductor cross section solid min.	0.2 mm <sup>2</sup>	
Conductor cross section solid max.	4 mm²	
Conductor cross section flexible min.	0.2 mm <sup>2</sup>	
Conductor cross section flexible max.	2.5 mm <sup>2</sup>	
Conductor cross section AWG min.	24	
Conductor cross section AWG max.	12	
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²	
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>	
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²	
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>	
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>	
2 conductors with same cross section, solid max.	1 mm²	
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>	
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>	
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup>	
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm²	
Stripping length	14 mm	
Internal cylindrical gage	A3	
Screw thread	M3	
Tightening torque, min	0.8 Nm	
Tightening torque max	1 Nm	
Connection side	Level 1 int. 1	
Connection method	Solder/Slip-on connection	
Conductor cross section solid min.	0.2 mm <sup>2</sup>	
Conductor cross section solid max.	1.5 mm <sup>2</sup>	
Conductor cross section flexible min.	0.2 mm <sup>2</sup>	
Conductor cross section flexible max.	1.5 mm <sup>2</sup>	
Conductor cross section AWG min.	24	
Conductor cross section AWG max.	16	



### Technical data

#### Connection data

Internal cylindrical gage	A3
Slip-on connection	2.8 x 0.8 mm

### Standards and Regulations

Connection in acc. with standard	CSA
	IEC / EN
Flammability rating according to UL 94	V2

### Classifications

#### eCl@ss

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131
eCl@ss 5.0	27141134
eCl@ss 5.1	27141134
eCl@ss 6.0	27141134
eCl@ss 7.0	27141134
eCl@ss 8.0	27141134

#### **ETIM**

ETIM 2.0	EC001283
ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283

#### **UNSPSC**

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

### Approvals

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Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

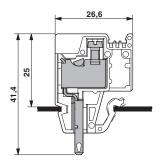


Approvals		
Ex Approvals		
Approvals submitted		
Approval details		
CSA (1)		
mm²/AWG/kcmil	22-12	
Nominal current IN	15 A	
Nominal voltage UN	300 V	
UL Recognized <b>\$1</b>		
mm²/AWG/kcmil	28-12	
Nominal current IN	15 A 300 V	
Nominal voltage UN	300 V	
cUL Recognized 5		
	00.40	
mm²/AWG/kcmil Nominal current IN	28-12 15 A	
Nominal voltage UN	300 V	
Nominal Voltage ON	300 V	
EAC		
cULus Recognized CALUS		



## Drawings

#### Dimensional drawing



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