



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



## Cable plug in molded plastic - K-5E - OE/2,0-C02/M23 FK - 1620415

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Cable plug in molded plastic, Length: 2 m, Color of outer sheath: orange RAL 2003

### Product Features

- Our standard: robust halogen-free PUR cable
- Simple and safe: 100% electrically tested and assembled ready for use
- Easy connection: angled design with configurable cable outlet direction
- High flexibility: customer-specific assemblies and cable lengths can be supplied



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	2 pc
Custom tariff number	85444290
Country of origin	Germany

### Technical data

Conductor length	2 m
Nominal current	18 A

### Connector specifications

Type	Angled, can be turned, plastic-coated
Thread type	M23
Locking type	Screw locking
Degree of protection	IP67, when in locked state
Number of positions	5+PE
Direction of rotation	Standard
Type of contact	Socket
Insertion/withdrawal cycles	50

# Cable plug in molded plastic - K-5E - OE/2,0-C02/M23 FK - 1620415

## Technical data

### Connector specifications

Contact resistance	< 0.3 mΩ
Max. current	30 A
Voltage	630 V
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	6 kV
Ambient temperature (operation)	-40 °C ... 105 °C

### Cable specifications

Type of cable	PSLC11Y-J
Shielded	yes
Cable structure	4x 1.5 mm <sup>2</sup> + 2x 1.5 mm <sup>2</sup>
Cable structure (AWG)	16 AWG/4c + 16 AWG/1pr
External cable diameter	12.3 mm
Outer sheath, material	PUR
Material wire insulation	TPM
External sheath, color	orange RAL 2003
Nominal voltage, cable	600 V
Test voltage	4 kV
Rated current	18 A
Smallest bending radius, movable installation	123 mm
Ambient temperature for fixed installation	-40 °C ... 80 °C
Ambient temperature for flexible installation	-20 °C ... 70 °C

## Classifications

### eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27279218
eCl@ss 7.0	27279218
eCl@ss 8.0	27062011
eCl@ss 9.0	27062011

### ETIM

ETIM 3.0	EC001121
----------	----------

# Cable plug in molded plastic - K-5E - OE/2,0-C02/M23 FK - 1620415

## Classifications

### ETIM

ETIM 4.0	EC001855
ETIM 5.0	EC001578

### UNSPSC

UNSPSC 6.01	26121604
UNSPSC 7.0901	26121604
UNSPSC 11	26121604
UNSPSC 12.01	26121604
UNSPSC 13.2	26121604

## Approvals

### Approvals

---

Approvals

EAC

---

Ex Approvals

---

Approvals submitted

---

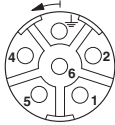
### Approval details

EAC
-----

## Drawings

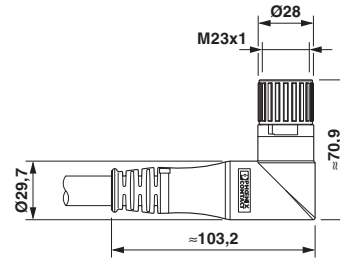
# Cable plug in molded plastic - K-5E - OE/2,0-C02/M23 FK - 1620415

Schematic diagram



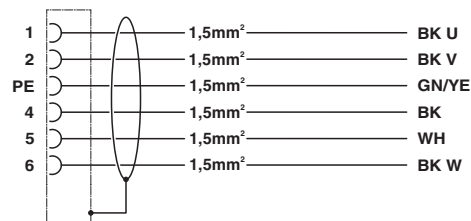
Connector pin assignment

Dimensional drawing



Dimensional drawing

Circuit diagram



Contact assignment of M23 plugs/sockets