



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](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

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



## Cable plug in molded plastic - K-5E - OE/2,0-C05/M40 F8 - 1620316

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
- Designs with pre-assembled cables on one or both sides
- 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	44 A

### Connector specifications

Type	straight plastic-sheathed
Thread type	M40
Locking type	Screw locking
Degree of protection	IP67, when in locked state
Number of positions	2+3+PE
Direction of rotation	Standard
Type of contact	Socket
Insertion/withdrawal cycles	50

# Cable plug in molded plastic - K-5E - OE/2,0-C05/M40 F8 - 1620316

## Technical data

### Connector specifications

Contact resistance	< 0.3 mΩ
Max. current	70 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	4 x 6 mm <sup>2</sup> + 2 x 1.5 mm <sup>2</sup>
Cable structure (AWG)	10 AWG/4c + 16 AWG/1pr
External cable diameter	16.3 mm
Outer sheath, material	PUR
Material wire insulation	TPE
External sheath, color	orange RAL 2003
Nominal voltage, cable	1000 V
Test voltage	4 kV (1 kV signal)
Rated current	44 A
Smallest bending radius, fixed installation	66 mm
Smallest bending radius, movable installation	122 mm
Ambient temperature for fixed installation	-50 °C ... 90 °C
Ambient temperature for flexible installation	-40 °C ... 80 °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

## Cable plug in molded plastic - K-5E - OE/2,0-C05/M40 F8 - 1620316

### Classifications

#### ETIM

ETIM 3.0	EC001121
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


UL Listed / cUL Listed / EAC / cULus Listed

#### Ex Approvals

#### Approvals submitted

#### Approval details

UL Listed 	
Nominal current I <sub>N</sub>	25 A
Nominal voltage U <sub>N</sub>	600 V

cUL Listed 	
Nominal current I <sub>N</sub>	25 A

Cable plug in molded plastic - K-5E - OE/2,0-C05/M40 F8 - 1620316

Approvals

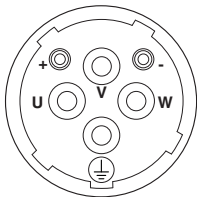
Nominal voltage UN	600 V
--------------------	-------

EAC
-----

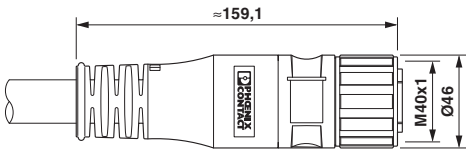
cULus Listed 
--

Drawings

Schematic diagram



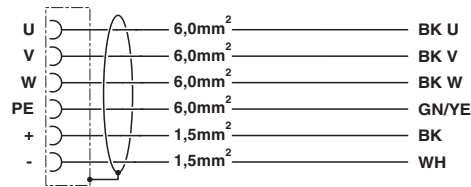
Dimensional drawing



Connector pin assignment

Dimensional drawing

Circuit diagram



Contact assignment of M40 plugs/sockets