



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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Female connector - V-RC/TWUM 13/KVD 13/LBL 16+3 - 1000044

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M23 socket, 19-pos., angled, freely configurable, with solder connection, for external cable diameter of 10 mm ... 14 mm



Key commercial data

Packing unit	1
Minimum order quantity	1
Catalog page	Page 128 (PC-2009)
GTIN	 4 017918 399870
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

General data

Rated voltage	150 V
Total rated current	10 A (with 1 mm ² conductor cross section)
Number of positions	19
Degree of protection	IP65/67
Inflammability class according to UL 94	V0
Ambient temperature (operation)	-20 °C ... 80 °C

Master cable data

Connection method	M23 screw locking
Conductor cross section max. (signal)	1 mm ²
Conductor cross section max. (energy)	1.5 mm ²
External cable diameter min.	10 mm
External cable diameter max.	14 mm

Insulation material

Housing material	GD-Zn
Housing surface material	Nickel-plated
Contact material	CuZn
Contact surface material	Gold-plated
Contact carrier material	PBT

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Technical data

Connection assignment

Slot/position = pin = conductor color	1 / 4 (A) = 15 = WH
Slot/position = pin = conductor color	1 / 2 (B) = 7 = GY/PK
Slot/position = pin = conductor color	2 / 4 (A) = 5 = GN
Slot/position = pin = conductor color	2 / 2 (B) = 4 = RD/BU
Slot/position = pin = conductor color	3 / 4 (A) = 16 = YE
Slot/position = pin = conductor color	3 / 2 (B) = 8 = WH/GN
Slot/position = pin = conductor color	4 / 4 (A) = 3 = GY
Slot/position = pin = conductor color	4 / 2 (B) = 14 = BN/GN
Slot/position = pin = conductor color	5 / 4 (A) = 17 = PK
Slot/position = pin = conductor color	5 / 2 (B) = 9 = WH/YE
Slot/position = pin = conductor color	6 / 4 (A) = 2 = RD
Slot/position = pin = conductor color	6 / 2 (B) = 13 = YE/BN
Slot/position = pin = conductor color	7 / 4 (A) = 11 = BK
Slot/position = pin = conductor color	7 / 2 (B) = 10 = WH/GY
Slot/position = pin = conductor color	8 / 4 (A) = 1 = VT
Slot/position = pin = conductor color	8 / 2 (B) = 18 = GY/BN
Slot/position = pin = conductor color	1-8 / 1 (+ 120 V) = 19 = BN
Slot/position = pin = conductor color	1-8 / 3 (0 V) = 6 = BU
Slot/position = pin = conductor color	1-8 / 5 (PE) = 12 = GN/YE

Classifications

eclass

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27061801

etim

ETIM 2.0	EC000437
ETIM 3.0	EC001121
ETIM 4.0	EC001121

unspsc

UNSPSC 6.01	31261502
UNSPSC 7.0901	31261502
UNSPSC 11	31261502
UNSPSC 12.01	31261502
UNSPSC 13.2	31261502

Accessories

Accessories

Female connector - V-RC/TWUM 13/KVD 13/LBL 16+3 - 1000044

Accessories

Pipe spanner - PLUSCON-RCS - 1665062

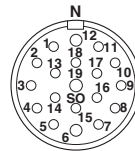


Special pipe spanner, tool for mounting the M23 connector housing (with assembly), for coupling and sleeve housing

Drawings

Dimensioned drawing

Schematic diagram



Pin assignment M23 socket, 19-pos., female side view