



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!



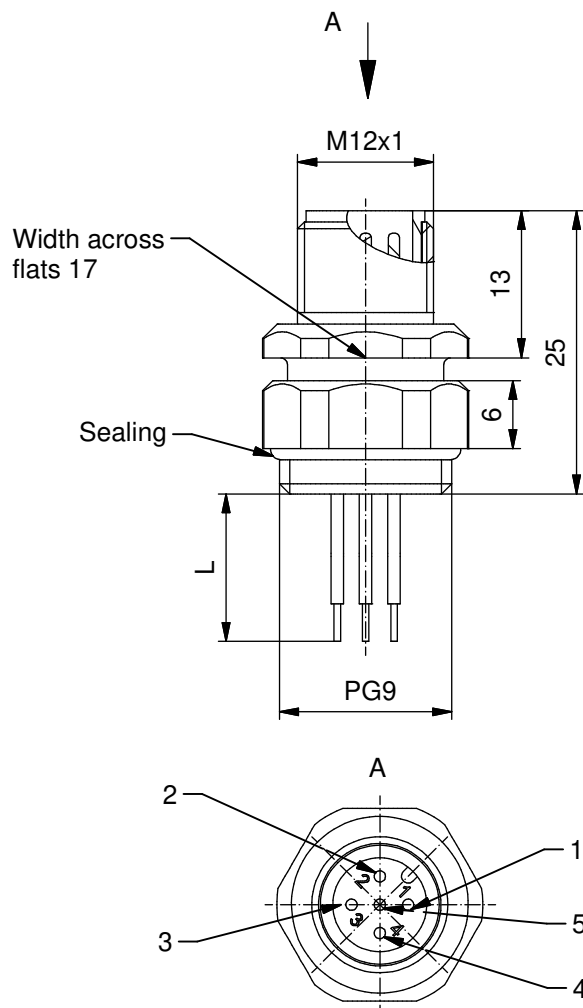
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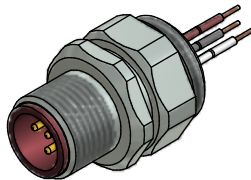
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Contact assignment:

- 1 brown
- 2 white
- 3 blue
- 4 black
- 5 grey



Technical specification:

Rated voltage: IEC 61076-2-101	60 V
Current rating: IEC 61076-2-101	4 A at 40°C
Insulation resistance: IEC 60512	$\geq 100 \text{ M}\Omega$
Pollution degree: IEC 60664-1	3/2
Degree of protection: IEC 60529	IP 67, in mated condition
Temperature range: IEC 60664-1	+100°C - 30.000h +125°C - 8.000h +150°C - 2.000h
Mating cycles: IEC 60512-9a	≥ 100

Materials:

Contact:	CuZn
Contact plating:	Nickel, gold plated
Contact carrier:	PBT GF, UL 94
Sealing:	FPM
Counternut:	CuZn, nickel plated
Socket housing:	CuZn, nickel plated
Grouting:	Polyurethane-resin, UL 94

Installation specification:

recommended torque:	1-1,2 Nm
Conec installation tool:	Torque wrench: 36-000200 Insert across flats 17: 36-000230

Part no:	Description:	Pos	Length L:	Wire:
43-01136	SAL - HT - 12 - FSP5.1 - 0,5 - 9	5	0,5m	Copolymer, UL AWG 24
43-xxxxx	SAL - HT - 12 - FSP5.1 - ... - 9	5	x	

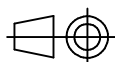
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Directive 2002/95/EC RoHS compliant

Index: b 02.09.10 fro Ä3696
specification of wires changed, datasheet revised

tolerance of wire: $L \leq 0,5\text{m}: L + 20\text{mm}$
 $L > 0,5\text{m}: L + 4\%$

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dim. in mm

	date	name
drawn	01.03.07	Fromm
appd.	01.03.07	Mankopf

CONEC®

title:
Male socket M12x1 with wires,
frontmounting, reposition, HT, PG9

dwg no:

43K1A360

part no: