



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



A...

Ferrules Without Insulating Collar According to DIN 46228-1



CLIPLINE

Data Sheet
103088_00_en

© PHOENIX CONTACT - 09/2006

Description

A... ferrules without insulating collar are made from soft electrolytic copper (E-CU) with tin plating. The dimensions of the ferrules correspond to DIN 46228-1.

The ferrules enable correct crimping using appropriate crimping tools from Phoenix Contact.



Make sure you always use the latest documentation.
It can be downloaded at www.download.phoenixcontact.com.
A conversion table is available on the Internet at
www.download.phoenixcontact.com/general/7000_en_00.pdf.



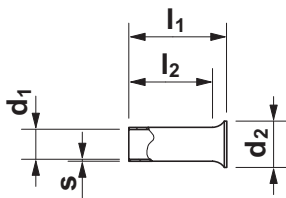
This data sheet is valid for all products listed on the following page:

Dimensions and Ordering Data

Ferrules Without Insulating Collar According to DIN 46228-1

Cross Section	l_1	l_2	d_1	s	d_2	Type	Order No.	Pcs./Pck.
0.25 mm ²	5.0 mm	-	0.8 mm	0.15 mm	1.7 mm	A 0,25- 5 ¹	3202465	1000
0.25 mm ²	7.0 mm	-	0.8 mm	0.15 mm	1.7 mm	A 0,25- 7 ¹	3202478	1000
0.34 mm ²	7.0 mm	-	0.9 mm	0.15 mm	1.8 mm	A 0,34- 7 ¹	3009202	1000
0.5 mm ²	6.0 mm	5.3 mm	1.0 mm	0.15 mm	2.1 mm	A 0,5 - 6	3200218	1000
0.5 mm ²	8.0 mm	7.3 mm	1.0 mm	0.15 mm	2.1 mm	A 0,5 - 8 ¹	3202481	1000
0.5 mm ²	10.0 mm	9.3 mm	1.0 mm	0.15 mm	2.1 mm	A 0,5 -10	3202494	1000
0.75 mm ²	6.0 mm	5.3 mm	1.2 mm	0.15 mm	2.3 mm	A 0,75- 6	3200221	1000
0.75 mm ²	8.0 mm	7.3 mm	1.2 mm	0.15 mm	2.3 mm	A 0,75- 8 ¹	3202504	1000
0.75 mm ²	10.0 mm	9.3 mm	1.2 mm	0.15 mm	2.3 mm	A 0,75-10	3200234	1000
1 mm ²	6.0 mm	5.3 mm	1.4 mm	0.15 mm	2.5 mm	A 1 - 6	3200247	1000
1 mm ²	8.0 mm	7.3 mm	1.4 mm	0.15 mm	2.5 mm	A 1 - 8 ¹	3202517	1000
1 mm ²	10.0 mm	9.3 mm	1.4 mm	0.15 mm	2.5 mm	A 1 -10	3200250	1000
1.5 mm ²	7.0 mm	6.0 mm	1.7 mm	0.15 mm	2.8 mm	A 1,5 - 7	3200263	1000
1.5 mm ²	10.0 mm	9.0 mm	1.7 mm	0.15 mm	2.8 mm	A 1,5 -10	3200276	1000
1.5 mm ²	12.0 mm	11.0 mm	1.7 mm	0.15 mm	2.8 mm	A 1,5 -12	3202588	1000
1.5 mm ²	15.0 mm	14.0 mm	1.7 mm	0.15 mm	2.8 mm	A 1,5 -15	3202591	1000
1.5 mm ²	18.0 mm	17.0 mm	1.7 mm	0.15 mm	2.8 mm	A 1,5 -18	3202601	1000
2.5 mm ²	7.0 mm	6.0 mm	2.2 mm	0.15 mm	3.4 mm	A 2,5 - 7	3200289	1000
2.5 mm ²	12.0 mm	11.0 mm	2.2 mm	0.15 mm	3.4 mm	A 2,5 -12	3200292	1000
2.5 mm ²	18.0 mm	17.0 mm	2.2 mm	0.15 mm	3.4 mm	A 2,5 -18	3202821	1000
4 mm ²	9.0 mm	8.0 mm	2.8 mm	0.2 mm	4.0 mm	A 4 - 9	3200302	1000
4 mm ²	12.0 mm	11.0 mm	2.8 mm	0.2 mm	4.0 mm	A 4 -12	3200315	1000
4 mm ²	18.0 mm	17.0 mm	2.8 mm	0.2 mm	4.0 mm	A 4 -18	3202834	1000
6 mm ²	10.0 mm	9.0 mm	3.5 mm	0.2 mm	4.7 mm	A 6 -10	3202520	500
6 mm ²	12.0 mm	11.0 mm	3.5 mm	0.2 mm	4.7 mm	A 6 -12	3200328	500
10 mm ²	12.0 mm	11.8 mm	4.5 mm	0.2 mm	5.8 mm	A 10 -12	3200331	500
10 mm ²	18.0 mm	16.8 mm	4.5 mm	0.2 mm	5.8 mm	A 10 -18	3200344	500
16 mm ²	12.0 mm	10.5 mm	5.8 mm	0.2 mm	7.5 mm	A 16 -12 ¹	3200425	100
25 mm ²	12.0 mm	10.0 mm	7.3 mm	0.2 mm	9.5 mm	A 25 -12	3200357	100
25 mm ²	15.0 mm	13.0 mm	7.3 mm	0.2 mm	9.5 mm	A 25 -15	3200360	100
25 mm ²	18.0 mm	16.0 mm	7.3 mm	0.2 mm	9.5 mm	A 25 -18	3200373	100
25 mm ²	20.0 mm	18.0 mm	7.3 mm	0.2 mm	9.5 mm	A 25 -20 ¹	3200386	100
35 mm ²	18.0 mm	16.0 mm	8.3 mm	0.2 mm	11.0 mm	A 35 -18	3200399	100
35 mm ²	20.0 mm	18.0 mm	8.3 mm	0.2 mm	11.0 mm	A 35 -20 ¹	3200409	100

¹ These ferrules are not included in DIN 46228-1.



- l_1 = Total length
- l_2 = Sleeve length
- d_1 = Inside diameter of sleeve
- s = Wall thickness of sleeve
- d_2 = Inside diameter of collar

Figure 1 Dimensions (tolerances according to DIN 46228-1)