



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



Number of contacts

2



Identification	Part number		Drawing	Dimensions in mm
	Male insert (M)	Female insert (F)		
Crimp terminal Order crimp contacts separately	09 14 002 3025	09 14 002 3125	<p>Contact arrangement view from termination side</p>	

Identification	Wire gauge (mm ²)	Part number		Drawing	Dimensions in mm																																				
		Male contact	Female contact																																						
Crimp contacts Han E® Power contacts silver plated	0.14-0.37	09 33 000 6127	09 33 000 6227	<table border="1"> <thead> <tr> <th colspan="2">Wire gauge</th> <th>Identifica-tion</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>4.0-0.37 mm²</td> <td>AWG 26-22</td> <td>no groove</td> <td>7.5 mm</td> </tr> <tr> <td>0.5 mm²</td> <td>AWG 20</td> <td>no groove</td> <td>7.5 mm</td> </tr> <tr> <td>0.75 mm²</td> <td>AWG 18</td> <td>1 groove*</td> <td>7.5 mm</td> </tr> <tr> <td>1.0 mm²</td> <td>AWG 18</td> <td>1 groove</td> <td>7.5 mm</td> </tr> <tr> <td>1.5 mm²</td> <td>AWG 16</td> <td>2 grooves</td> <td>7.5 mm</td> </tr> <tr> <td>2.5 mm²</td> <td>AWG 14</td> <td>3 grooves</td> <td>7.5 mm</td> </tr> <tr> <td>3.0 mm²</td> <td>AWG 12</td> <td>wide groove</td> <td>7.5 mm</td> </tr> <tr> <td>4.0 mm²</td> <td>AWG 12</td> <td>no groove</td> <td>7.5 mm</td> </tr> </tbody> </table> <p>* on the back crimp collar</p>	Wire gauge		Identifica-tion	Stripping length	4.0-0.37 mm ²	AWG 26-22	no groove	7.5 mm	0.5 mm ²	AWG 20	no groove	7.5 mm	0.75 mm ²	AWG 18	1 groove*	7.5 mm	1.0 mm ²	AWG 18	1 groove	7.5 mm	1.5 mm ²	AWG 16	2 grooves	7.5 mm	2.5 mm ²	AWG 14	3 grooves	7.5 mm	3.0 mm ²	AWG 12	wide groove	7.5 mm	4.0 mm ²	AWG 12	no groove	7.5 mm	
Wire gauge		Identifica-tion	Stripping length																																						
4.0-0.37 mm ²	AWG 26-22	no groove	7.5 mm																																						
0.5 mm ²	AWG 20	no groove	7.5 mm																																						
0.75 mm ²	AWG 18	1 groove*	7.5 mm																																						
1.0 mm ²	AWG 18	1 groove	7.5 mm																																						
1.5 mm ²	AWG 16	2 grooves	7.5 mm																																						
2.5 mm ²	AWG 14	3 grooves	7.5 mm																																						
3.0 mm ²	AWG 12	wide groove	7.5 mm																																						
4.0 mm ²	AWG 12	no groove	7.5 mm																																						

Features

- Suitable for Han® E crimp contacts
- 2 contacts up to 2500 V
- Insulator out of a voltage resistant teflon material
- Combination with all other modules (pneumatic, signal etc.) is possible

Technical characteristics

Specifications	DIN EN 61 984 DIN VDE 0115 DIN EN 60 664-1
----------------	--

Inserts

Number of contacts	2
Electrical data acc. to EN 61 984	16 A 2500 V 15 kV 3
Rated current	16 A
Rated voltage	2500 V
Rated impulse voltage	15 kV
Pollution degree	3
Insulation resistance	≥ 10 ¹⁰ Ω
Material	Polycarbonate/Teflon (PTFE)
Limiting temperatures	-40 °C ... +125 °C
Flammability acc. to UL 94	V 0
Mechanical working life - mating cycles	≥ 500

Contacts

Material	Copper alloy
Surface	
- hard-silver plated	3 μm Ag
- hard gold plated	2 μm Au over 3 μm Ag Ni
Contact resistance	≤ 1 mΩ
Crimp terminal	
- mm ²	0.5 ... 4 mm ²
- AWG	20 ... 12