



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



- Cinch Connectors - <http://www.cinch.com> -

## Accessories – Screwlocks

[Features](#) <sup>[1]</sup> | [Part Numbers](#) <sup>[2]</sup>

### Features

#### Screwlocks

- Screwlocks are designed to retain the same size mated connectors together or to secure the connector to a rack/panel. Screwlocks may be used on plugs or sockets.
- Female screwlocks consists of one #4-40 hole in the top, two flat washers to accommodate different panel thicknesses, one lockwasher, and one #4-40 nut. Military female screwlocks include three flat washers.
- Male screwlocks consist of one #4-40 slotted screw and a spring tension clip. Different sizes accommodate the various connector flange sizes and types of backshells or hoods (if applicable).
- Two screwlocks are required per connector.
- Military screwlocks meet all requirements of MIL-C-24308.

### Materials

#### Commercial Screwlock Assemblies

- Male Screwlock Assembly: Clip and screw are steel with zinc plating and yellow chromate finish – RoHS parts have clear chromate in place of yellow chromate.
- Female Screwlock Assembly: Washers (2), lockwashers, hex nuts, and nuts are steel with zinc plating and yellow chromate finish. RoHS parts have clear chromate finish.

#### M24308 Military Screwlock Assemblies

- Male Screwlock Assembly: Clip and screw are steel with cadmium plating and yellow chromate finish.
- Female Screwlock Assembly: Washers (3), lockwashers, hex nuts, and nuts are steel with cadmium plating and yellow chromate finish.

[back to top](#) <sup>[3]</sup>

### Part Numbers

#### Male Screwlocks – Ordering Information

Shell Size		A		B		E	A	B	C	D
Positions		in	mm	in	mm	9	15	25	37	50
<b>COMMERCIAL</b>	<b>RoHS Version</b>									
D20419-0	D20419-40	0.250	6.35	0.033	0.84	P/S	P/S	S	S	
D20419-16	D20419-46	0.250	6.35	0.048	1.22	S*	S*	P/S*	P/S*	
D20419-21	N/A	0.281	7.13	0.059	1.50		P*	P*		
D20420-0	N/A	0.250	6.35	0.033	0.84					S
D20420-12	D20420-42	0.281	7.13	0.048	1.22					P/S*
D20420-15	N/A	0.281	7.13	0.059						P*

<b>MILITARY MIL-C-24308</b>									
M24308/25-9F	Per MIL Spec					P/S	P/S	P/S	P/S
M24308/25-10F	Per MIL Spec								P/S

**Note: P=Plug, S=Socket \*Indicates used with Junction shell**

### Female Screwlocks – Ordering Information

Shell Size		A		E	A	B	C	D
Positions		in	mm	9	15	25	37	50
<b>COMMERCIAL</b>	<b>RoHS Version</b>							
<b>D20418-2</b>	<b>D20418-42</b>	<b>0.312</b>	<b>7.92</b>	<b>P/S</b>	<b>P/S</b>	<b>P/S</b>	<b>P/S</b>	<b>P/S</b>
<b>D20418-39</b>	<b>N/A</b>	<b>0.628</b>	<b>15.95</b>	<b>P/S</b>	<b>P/S</b>	<b>P/S</b>	<b>P/S</b>	<b>P/S</b>
<b>MILITARY MIL-C-24308</b>								
<b>M24308/26-1F</b>	<b>Per MIL Spec</b>			<b>P/S</b>	<b>P/S</b>	<b>P/S</b>	<b>P/S</b>	<b>P/S</b>
<b>M24308/26-2F</b>	<b>Per MIL Spec</b>			<b>P/S</b>	<b>P/S</b>	<b>P/S</b>	<b>P/S</b>	<b>P/S</b>

Note: P=Plug, S=Socket

Article printed from Cinch Connectors: <http://www.cinch.com>

URL to article: <http://www.cinch.com/products/d-subminiature/under-accessories-screwlocks-slide-locks>

URLs in this post:

- [1] Features: [#features](#)
- [2] Part Numbers: [#parts](#)
- [3] back to top: [#top](#)

Copyright © 2010 Cinch Connectors. All rights reserved.