



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!



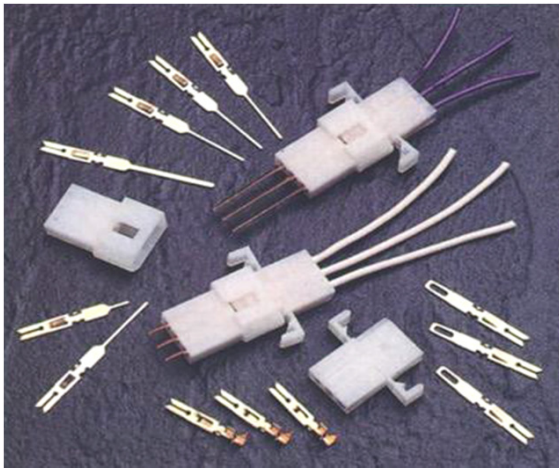
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- **FEATURES:**
- **.156" (3.96mm) Contact Spacing**
- **Plug and Receptacle are Available in 3 Sizes**
- **Edacon Hermaphroditic Contact Mating Design**
- **Contact Termination Options include Crimp, P.C. Tail, Wire Hole, Wire Wrap and Taper Tail**
- **Tools are Available for Contact Installation, Removal and Crimping**
- **RoHS Compliant & UL Recognized**

Specifications:

Insulator Material	Nylon UL 94V-0 , White Color
Contact Material	Copper Alloy
Contact Plating	Gold Plating over Nickel over entire contact
Current Rating	8.5 Amperes
Contact Resistance	10 milliohms maximum
Dielectric Withstanding Voltage	2000 VAC rms at sea level
Insulation Resistance	5000 Megohms minimum
Operating Temperature	-40°C to +105°C
Insertion Force	2 to 16 Oz (0.56 to 4.45N) per contact position
Withdrawal Force	2 to 16 Oz (0.56 to 4.45N) per contact position

Example Part Number: **556-003-500-102**

Series _____

Total Number of Contacts _____

Contact Code _____

Style _____

Series 556

Total Number of Contacts 003

Contact Code	Description & Tail Size	Tail Length "G"
000	No Contacts Assembled	
500	Wire Hole .110 x .024 (2.79 x 0.61)	.245 (6.22)
501	Taper Tail	.245 (6.22)
520	P.C. Tail .25 x .024 (0.64 x 0.61)	.215 (5.46)
540	Wire Wrap .050 x .024 (1.27 x 0.61)	.600 (15.24)
541	Wire Wrap .026 x .024 (0.66 x 0.61)	.620 (15.70)
542	Wire Wrap .050 x .024 (1.27 x 0.61)	.790 (20.07)

Ordering Code Notes

- Crimp contacts are also available for 556 series connectors. Contacts may be ordered separately for pre-wired or select position assembly.

Part Number	Description	Silhouette
516-290-500	Wire Hole	
516-290-501	Taper Tail	
516-290-520	P.C. Tail	
516-290-540	Wire Wrap	
516-290-541	Wire Wrap	
516-290-542	Wire Wrap	
516-290-590	Crimp (Loose)	
516-290-591	Crimp - 1800 Contact Per Reel	

Style and Material	Style
101	Plug
201	Receptacle
202	Receptacle with Panel Retention

- For contact installation, removal and crimping tools, Please contact EDAC.
- Insulator design prevents improper mating of individual plug and receptacle