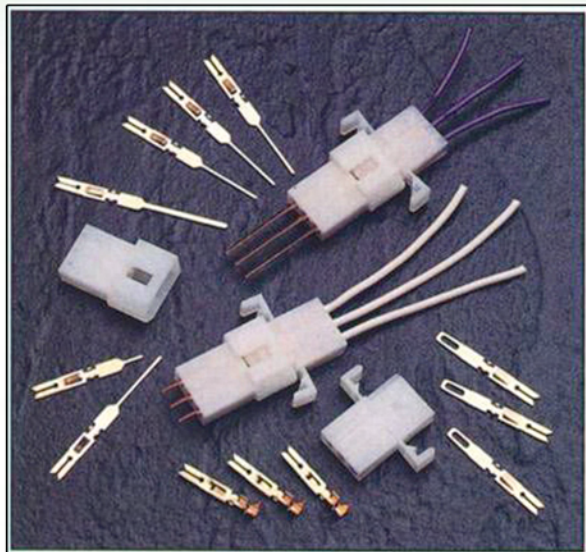




SERIES 556



FEATURES

UL Recognized

.156 (3.96) Contact Spacing

Plug and Receptacle in 3 Contact Sizes

Edacon Hermaphroditic Contact Mating Design

Contact Termination Options include Crimp, P.C. Tail, Wire Hole, Wire Wrap and Taper Tail

Tools Available for Contact Installation, Removal and Crimping

SPECIFICATIONS

Circuit board substrate available in 94V-0

Insulator Material: White Nylon

Contact Material: Phosphor Bronze Alloy CA-510

Contact Plating: Gold over Nickel

Current Rating: 8.5 Amperes

Contact Resistance: 10 Milliohms Maximum

Dielectric Withstanding Voltage: 2000 V AC rms at Sea Level

Insulation Resistance: 5000 Megohms Minimum

Operating Temperature: -65 to +105 Degrees C

Insertion and Withdrawl 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 .025 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(15.75)
542	Wire Wrap .050 x .024 (1.27 x 0.61)	.790(20.07)

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

Ordering Code Notes

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

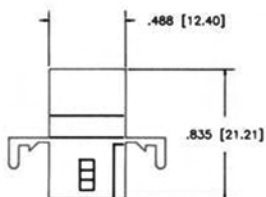
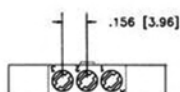
Part Number	Description	Silhouette
516-290-500	Wire Hole	
516-290-501	Taper Tail	
516-290-520	P.C. Tail	
516-290-540	Wire Wrap	
516-290-541	Wire Wrap	
516-290-542	Wire Wrap	
516-290-590	Crimp - Loose	
516-290-591	Crimp - 1800 Contacts per reel	

- 2) Insulator design prevents improper mating of individual plug and receptacle

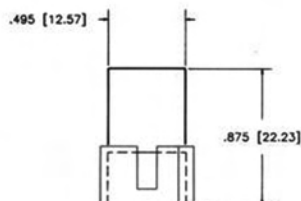
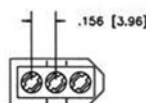


SERIES 556

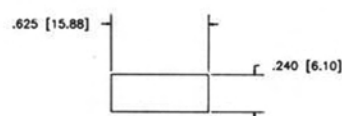
MALE CONNECTOR
(Hermaphroditic contacts)



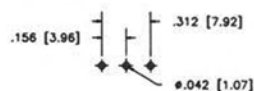
FEMALE CONNECTOR
(Hermaphroditic contacts)



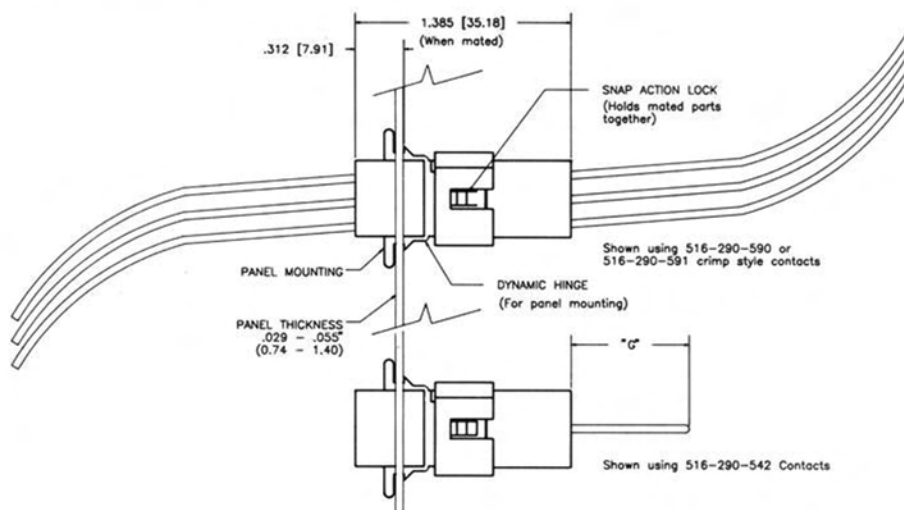
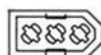
RECOMMENDED
PANEL OPENING
(If Desired)



RECOMMENDED
BOARD LAYOUT



CONNECTOR MATING FACE VIEWS



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

EDAC:

[556-003-000-201](#) [556-003-000-101](#) [556-003-000-102](#)