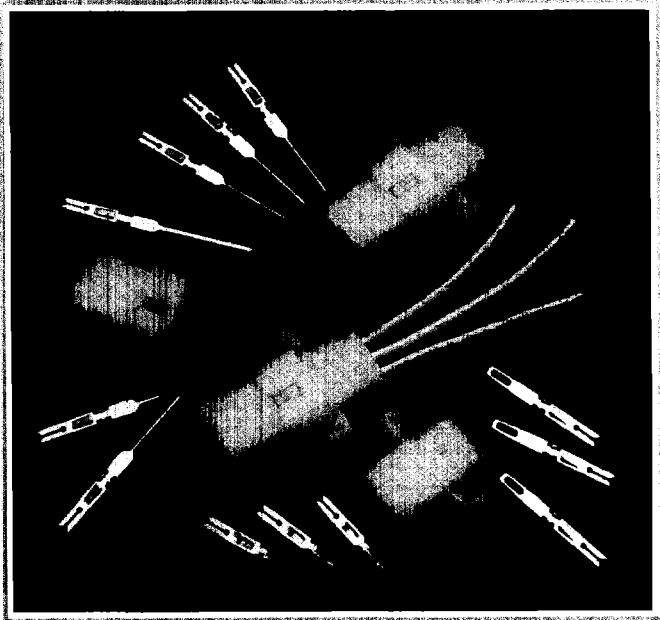


EDAON CONNECTOR

556 SERIES ORDERING CODE

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

Series _____
 Total Number of Contacts _____
 Contact Code _____
 Style _____



FEATURES

- UL Recognized
- .156 (3.96) Contact Spacing
- Plug and Receptacle in 3, 4, or 6 Contact Sizes
- Edaon 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 for Entire Contact
- ◆ 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 +125 Degrees C
- ◆ Insertion and Withdrawal Force: 2 to 16 oz (0.56 to 4.45 N) per Contact Position

Series 556

Total Number of Contacts

003, 004 or 006

Contact Code ^{1,2}	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 Material³

Style	Style
101	Plug
201	Receptacle
202	Receptacle with Panel Retention

Ordering Code Notes

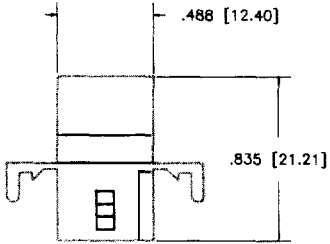
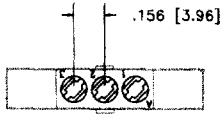
1) Crimp contacts are also available for the 556 series connectors. Contacts may be ordered separately for pre-wired or select position assembly.

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	

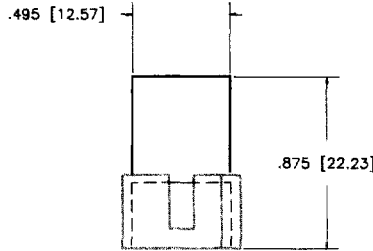
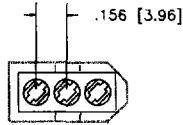
- 2) For contact installation, removal and crimping tools, refer to page 112.
- 3) Insulator design prevents improper mating of individual plug and receptacle.

EDACON CONNECTOR

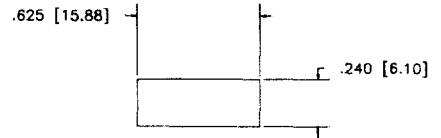
MALE CONNECTOR
(Hermaphroditic contacts)



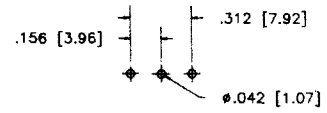
FEMALE CONNECTOR
(Hermaphroditic contacts)



**RECOMMENDED
PANEL OPENING**
(If Desired)



**RECOMMENDED
BOARD LAYOUT**



CONNECTOR MATING FACE VIEWS

