EDAC

Example Part Number 519 - 036 - 500 - 3 0 1

Series
Total Number of Contacts
Contact Code
Connector Style
Cover Code
Hardware Code

Series 519	

Total Number of Contacts	014, 036

Contact Code

See 516 Series for Available Contact Options, "G" Dimension and information Regarding Ordering Contacts Separately

Connector Style	**Style**
3	Plug
4	Receptacle

Cover Code	**Description**
0	No Cover Assembled
1	Plastic Cover, Top Entry Standard Clamp
2	Plastic Cover, Side Entry Standard Clamp
3	Plastic Cover, Top Entry Large Clamp
4	Plastic Cover, Side Entry Large Clamp
5	Metal Cover, Side Entry
6	Metal Cover, Top Entry

Hardware Code	**Description**
0	No Hardware Assembled
1	Actuating Screw and Polarizing Hardware
2	Locknut and Polarizing Hardware
5	Actuating Screw with No Polarizing Hardware
6	Locknut with No Polarizing Hardware

Ordering Code Notes

1) The 14 pin connector cover will not accept the length of the wire wrap contacts

2) Plastic covers with large clamps are only available for the 36 pin size connectors

3) Metal covers with side entry may be converted to top entry by removing side plate and changing clamp orientation

4) Covers may be ordered separately

5) Insulator design prevents improper mating of individual plug and receptacle. Polarizing hardware enables specific plug and receptacle mating combinations
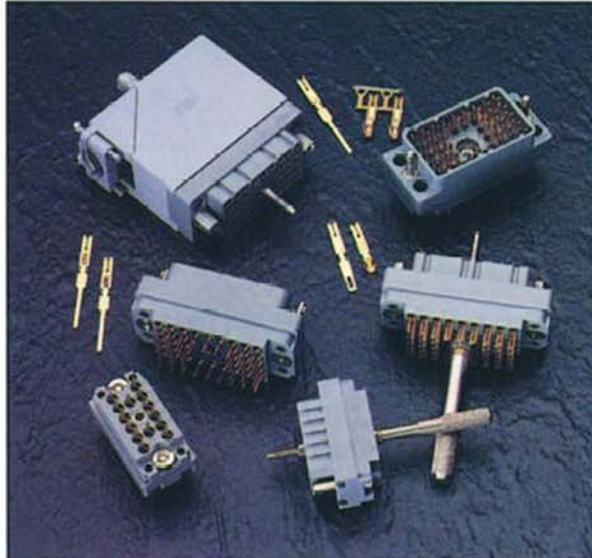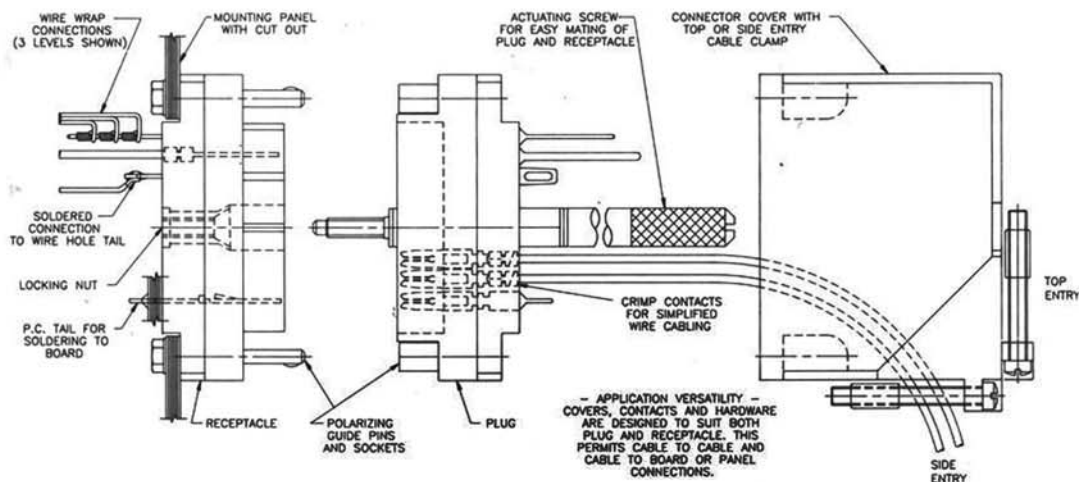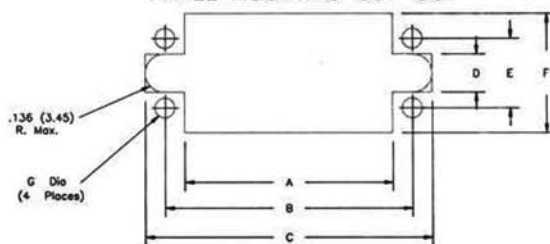
FEATURES

.150 (3.81) Contact Spacing x .150 (3.81) Row Spacing Suitable For Automatic Wire Wrapping

Plug and Receptacle in 14 or 36 Contact Sizes

Edacon Hermaphroditic Contact Mating Design

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

Mating and Unmating Simplified with use of Actuating Screws

Optional Covers with Side or Top Entry Cable Clamp in Plastic or Metal Material Available for all Connector Sizes

Versatile Metal Cover Design permits Assembly or Disassembly After Cabling is Complete plus Cable Entry Style Flexibility

Actuating Screws, Locknuts, Polarizing Hardware, Covers and Contacts Suitable for either Plug or Receptacle

Polarizing Hardware Adjustable for 288 Mating Combinations

Tools Available for Contact Installation, Removal and Crimping and Polarizing Changes

SPECIFICATIONS

Insulator Material: Polycarbonate: Colour: Grey

Contact Material: Phosphor Bronze Alloy CA-510

Contact Plating: Gold over Nickel

Cover Material: Polycarbonate, Colour: Green, or Die-Cast Zinc, Finished with Grey Enamel Paint

For Additional Specifications, Crimp Characteristics and Polarizing Codes Refer to 516 Series

RACK AND PANEL CONNECTORS

516 / 519 SERIES CONNECTOR PANEL MOUNTING CUT-OUT

516 SERIES CONNECTOR CUT OUTS

CONNECTOR SIZE	A		B		C		D		E		F		G Dia	
20 pin	.960	(24.38)	1.126	(28.6)	1.270	(32.26)	.260	(6.60)	.410	(10.41)	.640	(16.26)	.104	(2.64)
38 pin	1.420	(36.07)	1.688	(42.87)	1.958	(49.73)	.260	(6.60)	.468	(11.89)	.816	(20.73)	.136	(3.45)
56 pin	1.940	(49.28)	2.280	(57.91)	2.550	(64.77)	.260	(6.60)	.468	(11.89)	.816	(20.73)	.136	(3.45)
90 pin	2.050	(52.07)	2.282	(57.96)	2.675	(67.95)	.300	(7.62)	.765	(19.43)	1.120	(36.07)	.136	(3.45)
120 pin	2.050	(52.07)	2.375	(60.32)	2.675	(67.95)	.300	(7.62)	.875	(22.22)	1.420	(36.07)	.156	(3.96)

519 SERIES CONNECTOR CUT OUTS

CONNECTOR SIZE	A		B		C		D		E		F		G Dia	
14 pin	.960	(24.38)	1.126	(28.6)	1.270	(32.26)	.260	(6.60)	.410	(10.41)	.640	(16.26)	.104	(2.64)
36 pin	1.420	(36.07)	1.688	(42.87)	1.958	(49.73)	.260	(6.60)	.468	(11.89)	.816	(20.73)	.136	(3.45)

Mouser Electronics

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