

# Catalog Contents

## Cardedge Connectors

### 01 Series

.100 (2, 54) contact spacing, Dual read-out, Flush mount

### 02 Series

.100 (2, 54) contact spacing, Dual read-out, Center mount

### 03 Series

.156 (3, 96) contact spacing, Dual read-out, Flush mount

### 04 Series

.156 (3, 96) contact spacing, Center read-out, Flush mount

### 05 Series

.125 (3, 18) contact spacing, Dual read-out, Center mount

### 10 Series

.156 (3, 96) contact spacing, Dual read-out, Center mount

## Din Connectors

Features

Specifications

Part Number Codes

Plug Type C, Standard Mounting

Receptacle Type C, Standard Mounting

Plug Type C, Reversed Mounting

Receptacle Type C, Reversed Mounting

P.C. Board Layout

## Box Receptacles and Accessories

Features

Specifications

Part Number Codes

Horizontal Mount

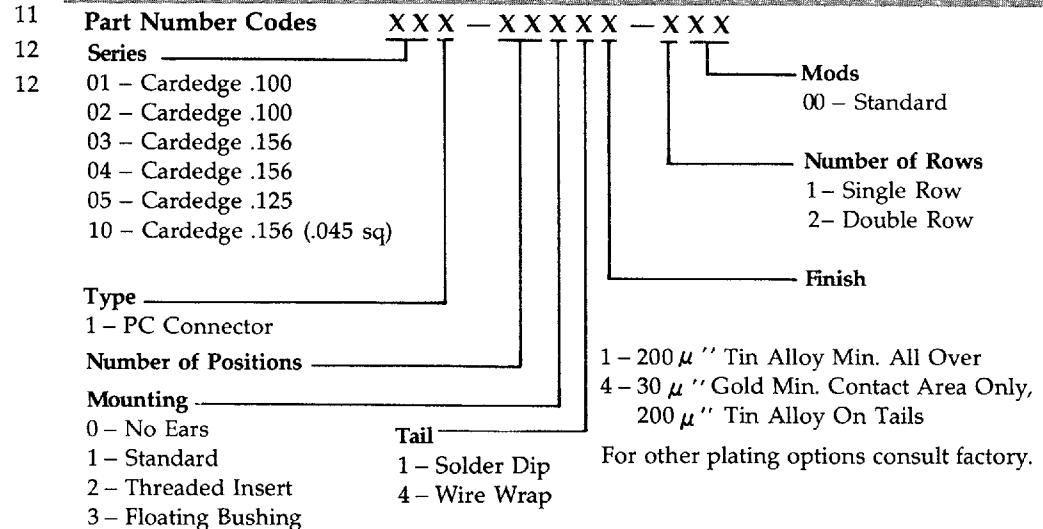
Vertical Mount

## Page Features

- 1 • Accept .054-.071 (1,37-1,80) PC Boards
- 1 • High reliability pre-loaded bifurcated simple cantilever contact design
- 1 • Wire wrappable and DIP solder terminations
- Choice of mounting styles
- 2 • Variety of termination types and mounting styles

- Between-contact and over-contact polarization keys
- Choice of contact finish, including selective plating option
- Shorting contacts optional
- Cavity identification
- Choice of tail modifications
- Insulator stand-off for solder flux flushing

Specifications			
Spacing:	.100 (2, 54)	.125 (3, 18)	.156 (3, 96)
Voltage at sea level:	1000 VDC	1500 VDC	1800 VDC
Current:	3 AMPS	3 AMPS	5 AMPS
Contact Resistance:	15 Milliohms max.	10 Milliohms max.	10 Milliohms max.
Insulation Resistance: 5000 megohms min.			
Capacitance (picofarads): 2 max.			
Operating Temperature*: -65° to +125°C			
Insertion Force: 16 oz. max. per contact pair			
Withdrawal Force: 1 oz. min. per contact pair			
Life: 500 cycles min.			
Normal Forces: 150 grams min. (.062 PCB)			
Housing: Glass-Filled Thermo-Plastic			
— Polyester UL 94 V-0**			
Contact: CA510 Phosphor Bronze			
— CA172 Beryllium Copper (Solder tail only)			
— CA725 Alloy Copper Nickel			
Floating Bushings: Brass, nickel plated (standard)			
Threaded Inserts: Brass, nickel plated (standard)			
*Tin alloy: -40°C to +105°C			
**For high temperature material consult factory.			



## Specials

Teka has the in-house capability to design, manufacture, and test custom Cardedge Connectors for various applications. These specials include a wide range of contact,

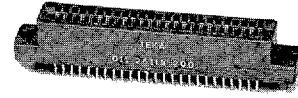
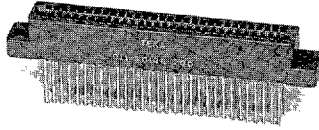
molding, or plating modifications as well as connectors for high-temperature applications. For further information, contact factory.



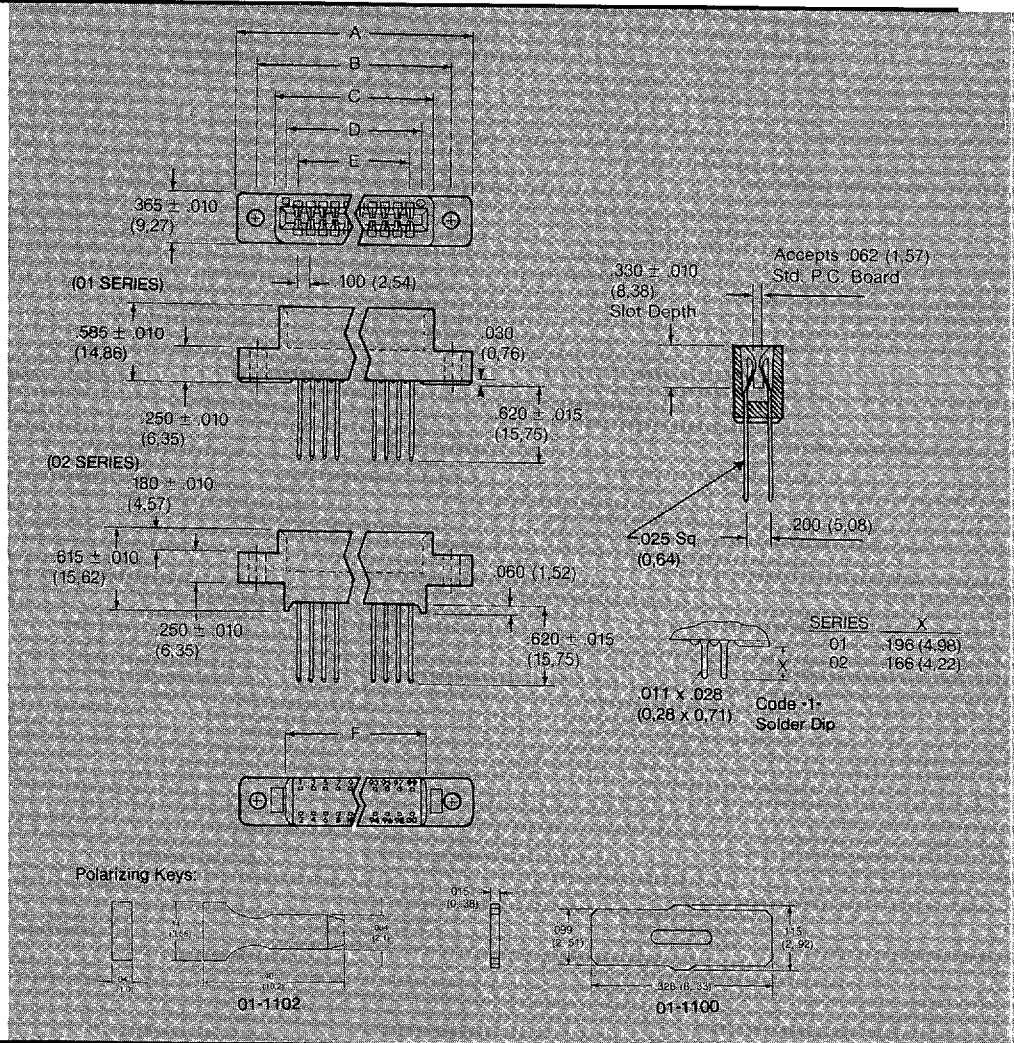
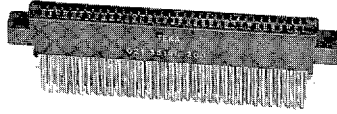
# Cardedge Connectors

Series: 01/02

01 Series: .100" (2,54) Contact Spacing,  
Dual Read-Out:  
Flush Mount



02 Series: .100" (2,54) Contact Spacing,  
Dual Read-Out:  
Center Mount



## Dimensions

Position Code	Option Code -200 Total No. Contacts	A (±.010)	B (±.010)	C (±.010)	D (±.005)	E (±.005)	F (±.010)
8	16	1.635 (41,53)	1.375 (34,93)	1.075 (27,31)	.900 (22,86)	.700 (17,78)	.950 (24,13)
10	20	1.835 (46,61)	1.575 (40,00)	1.275 (32,38)	1.100 (27,94)	.900 (22,86)	1.150 (29,21)
15	30	2.335 (59,31)	2.075 (52,71)	1.775 (45,09)	1.600 (40,64)	1.400 (35,56)	1.650 (41,91)
18	36	2.635 (66,93)	2.375 (60,33)	2.075 (52,71)	1.900 (48,26)	1.700 (43,18)	1.950 (49,53)
22	44	3.035 (77,09)	2.775 (70,49)	2.475 (62,87)	2.300 (58,42)	2.100 (53,34)	2.350 (59,69)
25	50	3.335 (84,71)	3.075 (78,11)	2.775 (70,49)	2.600 (66,04)	2.400 (60,96)	2.650 (67,31)
28	56	3.635 (92,33)	3.375 (85,73)	3.075 (78,11)	2.900 (73,66)	2.700 (68,58)	2.950 (74,93)
30	60	3.835 (97,40)	3.575 (90,80)	3.275 (83,18)	3.100 (78,74)	2.900 (73,66)	3.150 (80,01)
31	62	3.935 (99,95)	3.675 (93,35)	3.375 (85,73)	3.200 (81,28)	3.000 (76,20)	3.250 (82,55)
35	70	4.335 (110,11)	4.075 (103,51)	3.775 (95,89)	3.600 (91,44)	3.400 (86,36)	3.650 (92,71)
36	72	4.435 (112,65)	4.175 (106,05)	3.875 (98,43)	3.700 (93,98)	3.500 (88,90)	3.750 (95,25)
40	80	4.835 (122,81)	4.575 (116,21)	4.275 (108,59)	4.100 (104,14)	3.900 (99,06)	4.150 (105,41)
43	86	5.135 (130,43)	4.875 (123,83)	4.575 (116,21)	4.400 (111,76)	4.200 (106,68)	4.450 (113,03)
50	100	5.835 (148,21)	5.575 (141,61)	5.275 (133,99)	5.100 (129,54)	4.900 (124,46)	5.150 (130,81)

Inches (Millimeters)

Note: For other sizes, consult factory.



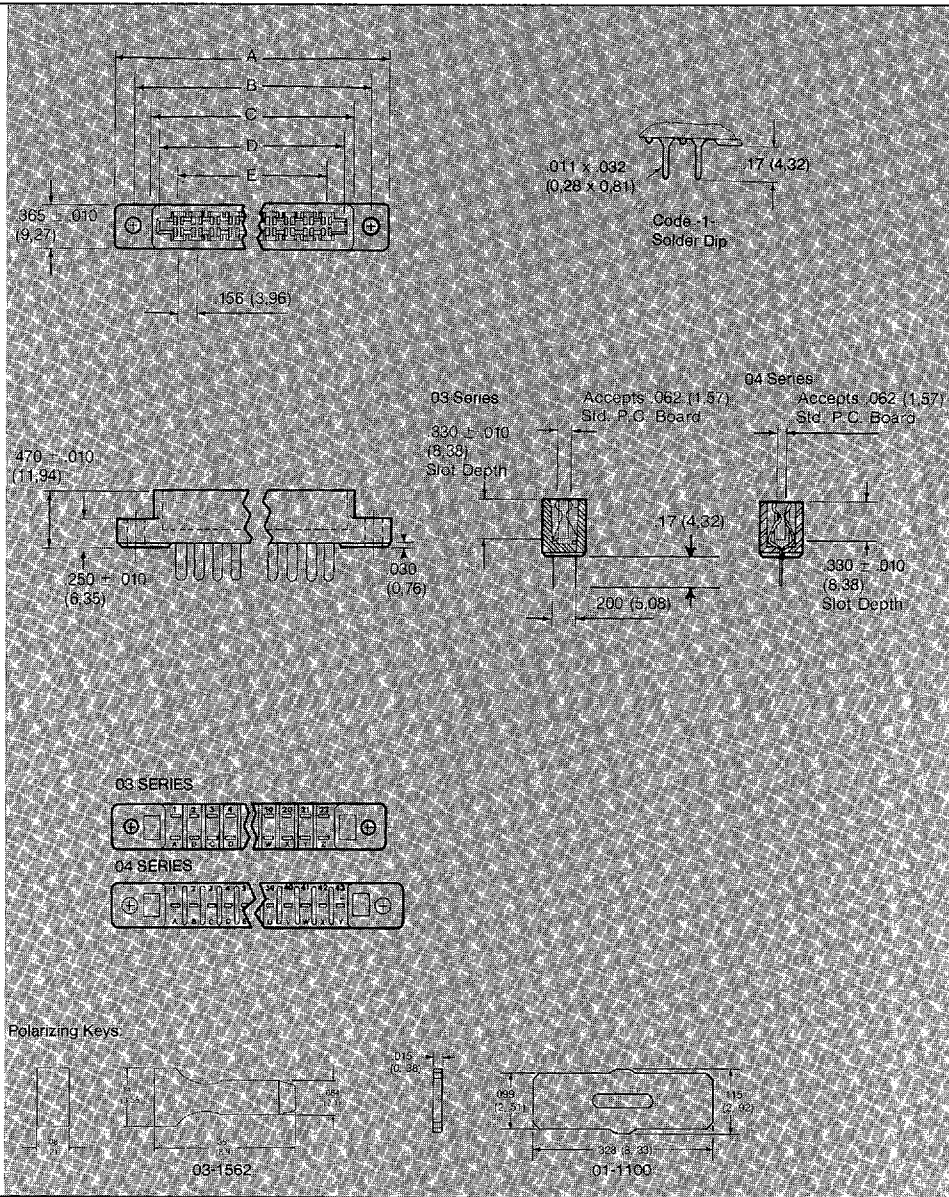
Interconnection Systems

8903259 0000324 T78 1

03 Series: .156" (3, 96) Contact Spacing,  
Dual Read-Out  
Flush Mount



04 Series: .156" (3, 96) Contact Spacing,  
Single Read-Out  
Flush Mount



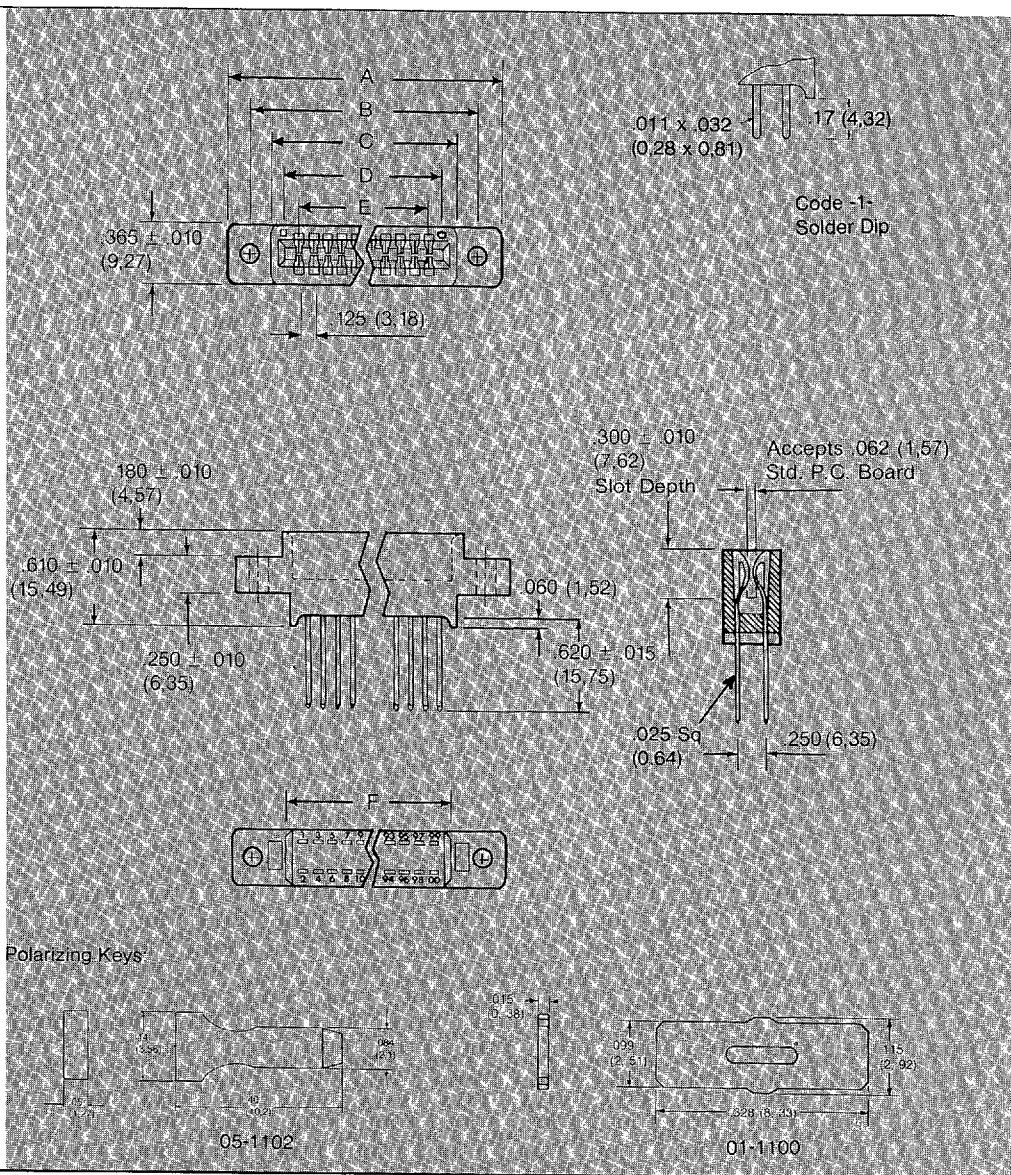
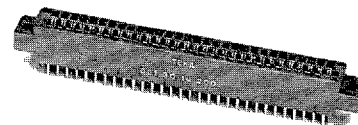
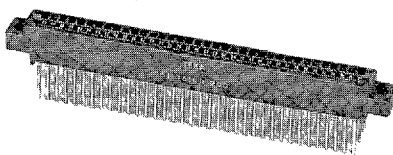
Dimensions

Position Code	Option Code -200	Option Code -100					
	Total No. Contacts	(Single Row)	A (±.015)	B (±.010)	C (±.015)	D (±.010)	E (±.005)
	03 Series	04 Series					
6	12	6	1.844 (46,84)	1.534 (38,96)	1.252 (31,80)	1.100 (27,94)	.780 (19,81)
10	20	10	2.468 (62,69)	2.158 (54,81)	1.876 (47,65)	1.724 (43,79)	1.404 (35,66)
12	24	12	2.780 (70,61)	2.470 (62,74)	2.188 (55,88)	2.036 (51,71)	1.716 (43,59)
15	30	15	3.248 (82,50)	2.938 (74,63)	2.656 (67,46)	2.504 (63,60)	2.184 (55,47)
18	36	18	3.716 (94,39)	3.406 (86,51)	3.124 (79,35)	2.972 (75,49)	2.652 (67,36)
22	44	22	4.340 (110,24)	4.030 (102,36)	3.748 (95,20)	3.596 (91,34)	3.276 (83,21)
25	50	25	4.808 (122,12)	4.498 (114,25)	4.216 (107,09)	4.064 (103,23)	3.744 (95,10)
28	56	28	5.276 (134,01)	4.966 (126,14)	4.684 (118,97)	4.532 (115,11)	4.212 (106,98)
30	60	30	5.588 (141,96)	5.278 (134,06)	4.996 (126,90)	4.844 (123,04)	4.524 (114,91)
36	72	36	6.524 (165,71)	6.214 (157,84)	5.932 (150,67)	5.780 (146,81)	5.460 (138,68)
43	86	43	7.616 (193,45)	7.306 (185,57)	7.024 (178,41)	6.872 (174,55)	6.552 (166,42)

Inches (Millimeters)



05 Series: 125" (3, 18) Contact Spacing,  
Dual Read-Out  
Center Mount



Dimensions

Position Code	Option Code -200 Total No. Contacts	A (±.010)	B (±.010)	C (±.010)	D (±.005)	E (±.005)	F (±.005)
10	20	2.055 (52,20)	1.795 (45,59)	1.535 (38,99)	1.375 (34,93)	1.125 (28,58)	1.375 (34,93)
15	30	2.680 (68,07)	2.420 (61,47)	2.160 (54,86)	2.000 (50,80)	1.750 (44,45)	2.000 (50,80)
18	36	3.055 (77,60)	2.795 (71,00)	2.535 (64,39)	2.375 (60,33)	2.125 (53,98)	2.375 (60,33)
22	44	3.555 (90,30)	3.295 (83,70)	3.035 (77,01)	2.875 (73,03)	2.625 (66,68)	2.875 (73,03)
25	50	3.930 (99,82)	3.670 (93,22)	3.410 (86,61)	3.250 (82,55)	3.000 (76,20)	3.250 (82,55)
28	56	4.305 (109,35)	4.045 (102,74)	3.785 (96,14)	3.625 (92,08)	3.375 (85,73)	3.625 (92,08)
30	60	4.555 (115,70)	4.295 (109,10)	4.035 (102,49)	3.875 (98,43)	3.625 (92,08)	3.875 (98,43)
31	62	4.680 (118,87)	4.420 (112,27)	4.160 (105,66)	4.000 (101,60)	3.750 (95,25)	4.000 (101,60)
35	70	5.180 (131,57)	4.920 (124,97)	4.660 (118,36)	4.500 (114,30)	4.250 (107,95)	4.500 (114,30)
36	72	5.305 (134,75)	5.045 (128,14)	4.785 (121,54)	4.625 (117,48)	4.375 (111,13)	4.625 (117,48)
40	80	5.805 (147,45)	5.545 (140,84)	5.285 (134,24)	5.125 (130,16)	4.875 (123,83)	5.125 (130,16)
43	86	6.180 (156,97)	5.920 (150,37)	5.660 (143,76)	5.500 (139,70)	5.250 (133,35)	5.500 (139,70)
50	100	7.055 (179,20)	6.795 (172,59)	6.535 (165,99)	6.375 (161,93)	6.125 (155,58)	6.375 (161,93)

Inches (Millimeters)

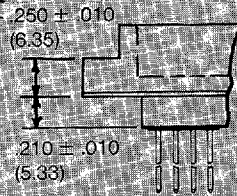
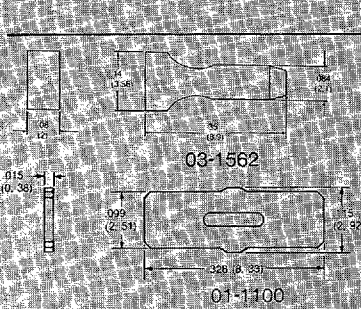


Interconnection Systems

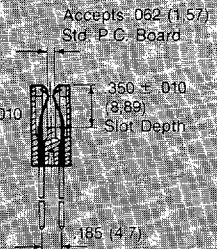
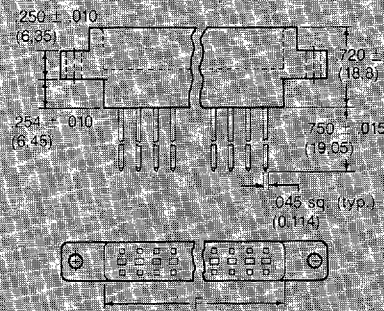
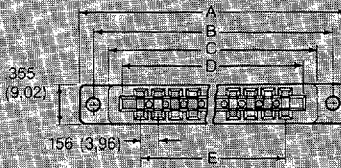
8903259 0000326 840

**10 Series: .156" (3, 96) Contact Spacing,  
.045 sq. Tail Size  
Center Mount**

Polarizing Keys:



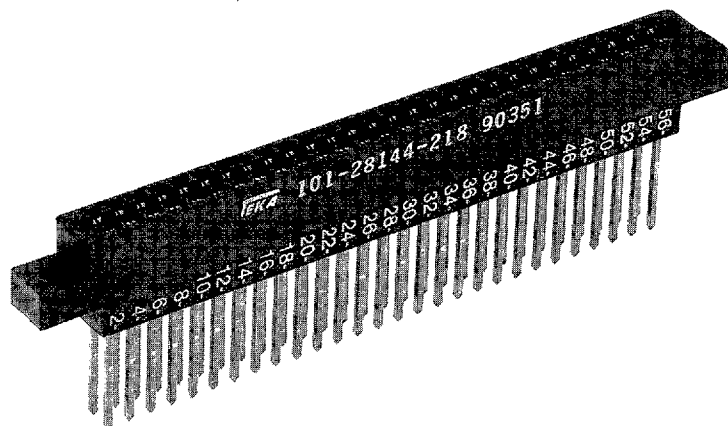
Optional Mounting Location



**Dimensions**

Position Code	Option Code -200 Total No. Contacts	A (±.010)	B (±.010)	C (±.010)	D (±.005)	E (±.005)	F (±.010)
10	20	2.408 (61,16)	2.158 (54,81)	1.878 (47,70)	1.724 (43,79)	1.404 (35,66)	1.616 (41,05)
15	30	3.188 (80,98)	2.938 (74,63)	2.658 (67,51)	2.504 (63,60)	2.184 (55,47)	2.396 (60,86)
18	36	3.656 (92,86)	3.406 (86,51)	3.126 (78,40)	2.972 (75,49)	2.652 (67,32)	2.864 (72,75)
22	44	4.280 (108,71)	4.030 (102,36)	3.750 (95,25)	3.596 (91,34)	3.276 (83,21)	3.488 (88,59)
28	56	5.281 (134,14)	4.966 (126,14)	4.686 (118,98)	4.532 (115,11)	4.212 (106,98)	4.424 (112,37)
36	72	6.464 (164,19)	6.214 (157,84)	5.934 (150,72)	5.780 (146,81)	5.460 (138,68)	5.672 (144,07)

Inches (Millimeters)



8903259 0000327 787