

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

Features

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

— CA725 Alloy Copper Nickel

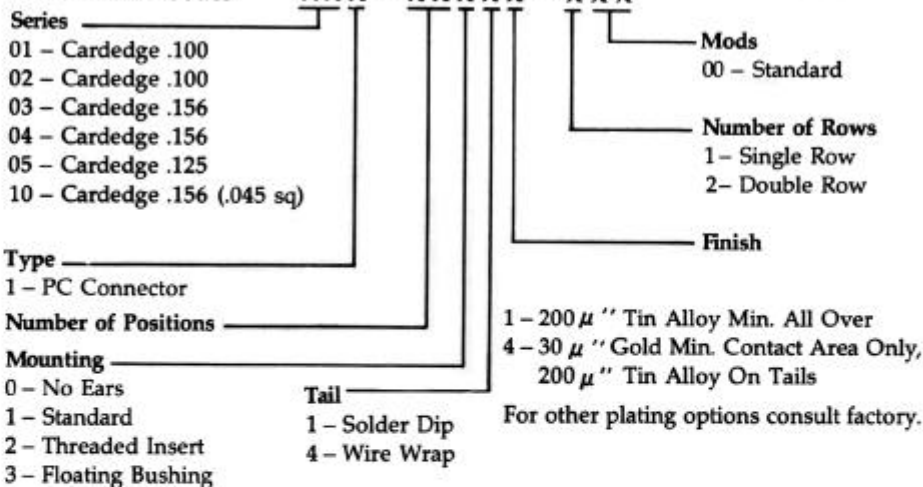
Floating Bushings: Brass, nickel plated (standard)

Threaded Inserts: Brass, nickel plated (standard)

*Tin alloy: -40°C to +105°C

**For high temperature material consult factory.

Part Number Codes



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.



Interconnection
Systems

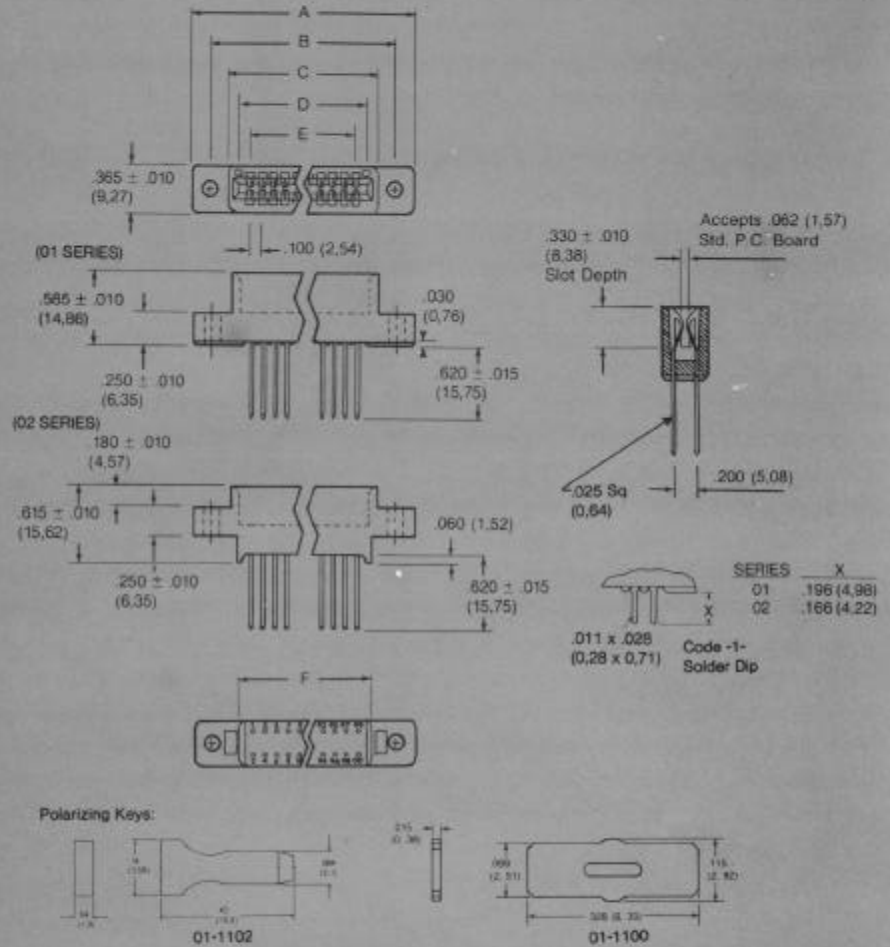
Cardedge Connectors

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 ($\pm .010$)	B ($\pm .010$)	C ($\pm .010$)	D ($\pm .005$)	E ($\pm .005$)	F ($\pm .010$)
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.