

# Male Plug Connector

## Series 8293



**Series 8293 IDC** male plug connectors are available in industry standard sizes of 10 to 64 positions. They mate with Series 8290 IDC sockets as well as other industry compatible connectors. The housing gives full protection to contact pins, and has the optional facility of fitting dual height polarizing keys to prevent incorrect insertion of the mating socket.



### TECHNICAL SPECIFICATION

**Material:**

Molding - UL94VO rated glass filled grey polyester

Contact - Phosphor bronze

**Contact Plating:**

Gold over nickel

**Current Rating:**

1 ampere at 70°C maximum ambient

**Voltage Rating:**

350V DC or AC peak

**Insulation Resistance:**

>1000 megohms

**Dielectric Withstanding Voltage:**

1050 DC or AC peak

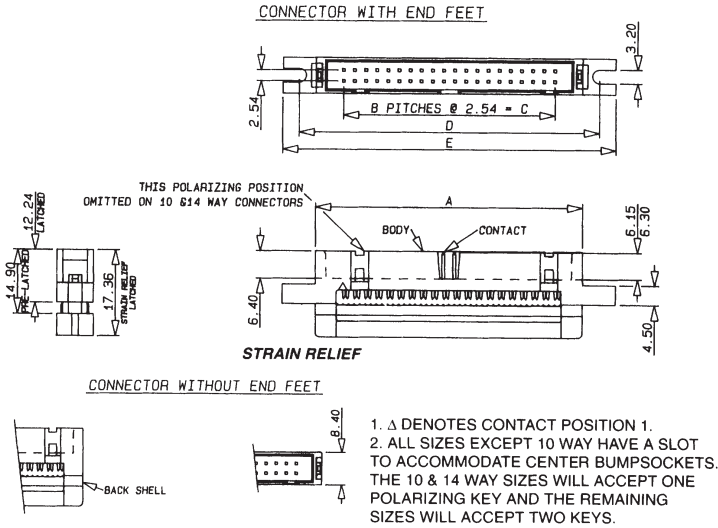
**UL and CSA Approval pending**

**Operating Temperature:**

-55°C to +105°C

**Contact Resistance:**

Initially, 10 milliohms max.



**DIMENSIONS:** millimeters (inches)

No. of Ways	A	B	C	D	E
10	22.89 (0.901)	4	10.16 (0.400)	30.48 (1.200)	38.10 (1.500)
14	27.97 (1.101)	6	15.24 (0.600)	35.56 (1.400)	43.18 (1.700)
16	30.51 (1.201)	7	17.78 (0.700)	38.10 (1.500)	45.72 (1.800)
20	35.59 (1.401)	9	22.86 (0.900)	43.18 (1.700)	50.80 (2.000)
26	43.21 (1.701)	12	30.48 (1.200)	50.80 (2.000)	56.59 (2.228)
34	53.37 (2.101)	16	40.64 (1.600)	60.96 (2.400)	68.58 (2.700)
40	60.99 (2.401)	19	48.26 (1.900)	68.58 (2.700)	76.20 (3.000)
50	73.69 (2.091)	24	60.96 (2.400)	81.28 (3.200)	88.90 (3.500)
60	86.39 (3.401)	29	73.66 (2.900)	93.98 (3.700)	101.60 (4.000)
64	91.47 (3.601)	31	78.74 (3.100)	98.74 (3.900)	106.68 (4.200)



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### POLARIZING KEYS

Order Code: 90 2118 7000 00 000

### ORDERING CODE

10	8293	026	000	01	0
<b>Connector Code Prefix</b>	<b>Series Number</b>	<b>Number of Contacts</b>	<b>Assembly Variation</b>	<b>Plating Variation</b>	<b>Polarization Variation</b>
10 = Standard Connector Assembly with mounting flange 11 = Standard Connector Assembly without mounting flange		010 = 10 position 014 = 14 position 016 = 16 position 020 = 20 position 026 = 26 position 034 = 34 position 040 = 40 position 050 = 50 position 060 = 60 position 064 = 64 position	000 = Connector without strain relief 001 = Connector with strain relief	01 = Standard 30µ" Gold over Nickel 04 = 10µ" Gold over Nickel	0 = No Polarizing 2 = Dual Height Type A

Not all versions are available, please check with AVX Customer Service for availability.

### Strain Relief Order Code

10 position	60 8293 3310 00 000
14 position	60 8293 3314 00 000
16 position	60 8293 3316 00 000
20 position	60 8293 3320 00 000
26 position	60 8293 3326 00 000
34 position	60 8293 3334 00 000
40 position	60 8293 3340 00 000
50 position	60 8293 3350 00 000
60 position	60 8293 3360 00 000
64 position	60 8293 3364 00 000