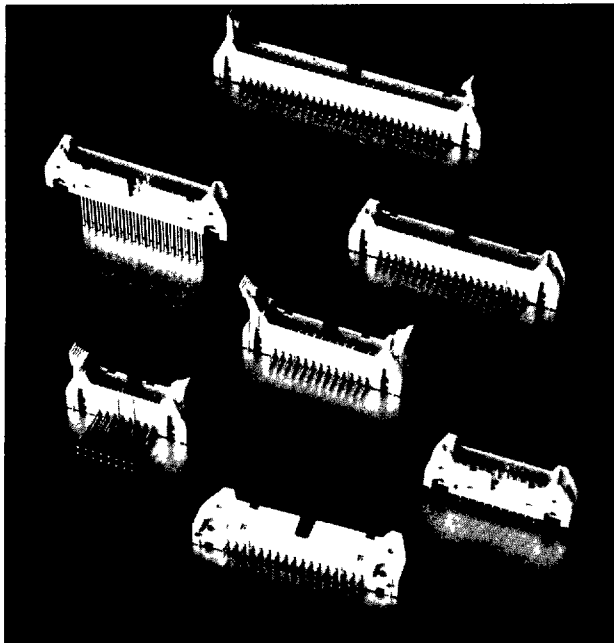


Ejector Style Header

SERIES 8289

Series 8289 headers are available in industry standard sizes of 10-60 positions. They mate to Elco Series 8290 IDC sockets, as well as other industry compatible connectors. Solder or wire wrap contacts are available in either straight or right angle formats. The four wall design and



optional molded in polarizing keys ensure positive polarization without pin loss. Latch/eject levers can also be specified to suit the mating Series 8290 socket, either with or without strain relief. Outside tails may be kinked for added PC Board retention. Stand-offs are incorporated to facilitate flux washing and de-gassing.

TECHNICAL SPECIFICATIONS

Material: Housing – UL94V0 rated glass filled polyester, gray.
Contact – Phosphor Bronze.

Contact Plating: Selective gold over nickel plating on the mating face, reflow tin lead on the IDC section.

Contact Resistance: Initially 10 milliohms maximum.

Current Rating: 1 ampere at 70°C maximum ambient.

Voltage Rating: 350 V DC or AC peak.

Dielectric Withstanding Voltage: 1050 V DC or AC peak.

Insulation Resistance: >1000 megohms.

Operating Temperature: -55°C to +105°C.

UL File no. E90723.

CSA File no. LR55749.

Ordering Code

EXAMPLE 00 8289 050 002

Connector Code Prefix*

- 00 – Standard*
- 11 – Board retention

Series Number

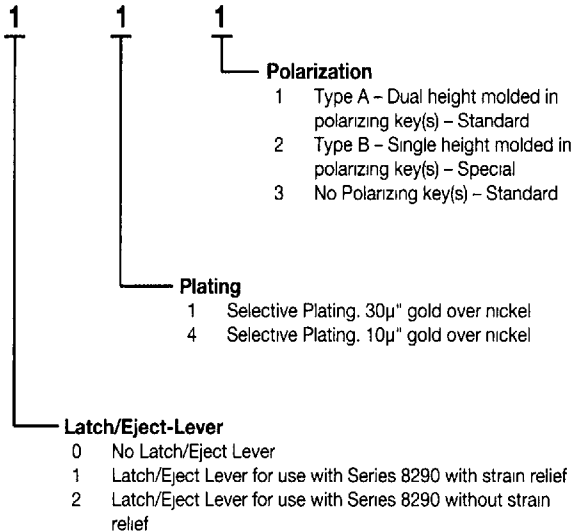
Number of Contacts

- 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

Contact Termination

inches (millimeters)

Contact Code	Description	Contact Length
000	Straight Wire Wrap Tail	0.614" (15.60mm)
001	Right Angle Wire Wrap Tail	0.614" (15.60mm)
002	Straight PC Tail	0.150" (3.80mm)
003	Straight PC Tail	0.181" (4.60mm)
004	Right Angle PC Tail	0.150" (3.80mm)
005	Right Angle PC Tail	0.181" (4.60mm)
006	Straight PC Tail	0.110" (2.80mm)
007	Right Angle PC Tail	0.110" (2.80mm)
009	Press Fit PC Tail	0.157" (4.00mm)



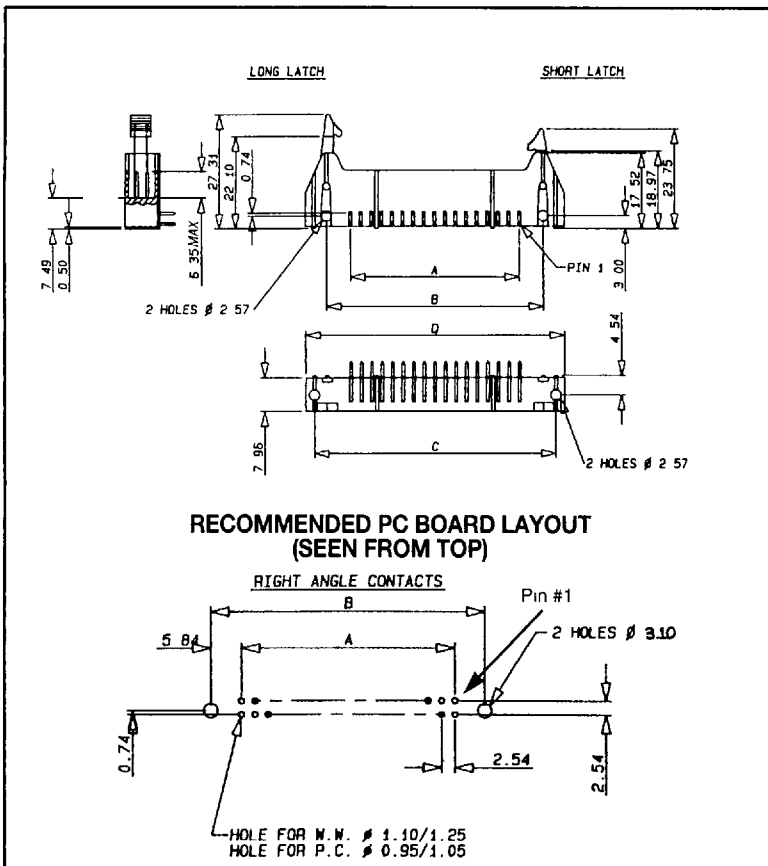
To complete Order Code, select the required specification in each section and list code as a 15 digit number. See example.

*When PCB Retention Feature is required, change Connector Code Prefix from 00 to 11.

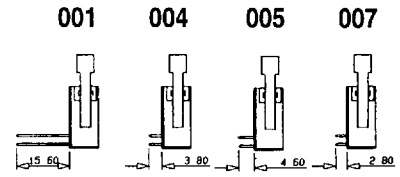
Polarizing Keys. Order Code: 60 8289 4010 00 000 (Dual height)
60 8289 4110 00 000 (Single height)

Right Angle Tail Connectors

SERIES 8289

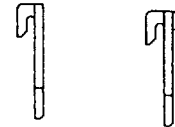


CONTACT TERMINATIONS



POLARIZING KEY

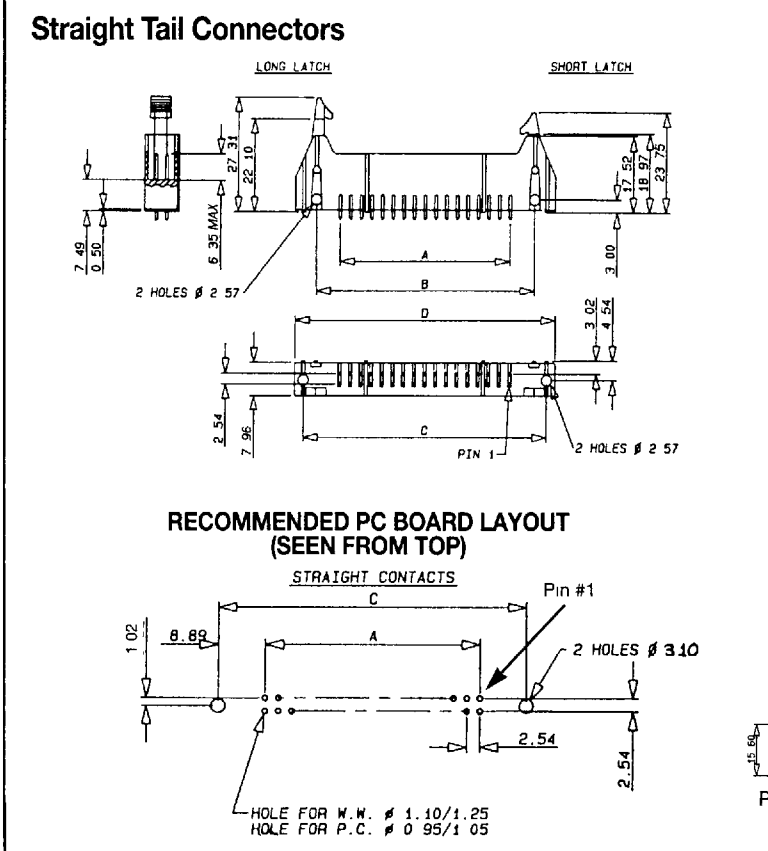
SINGLE DUAL
HEIGHT HEIGHT



Dimensions

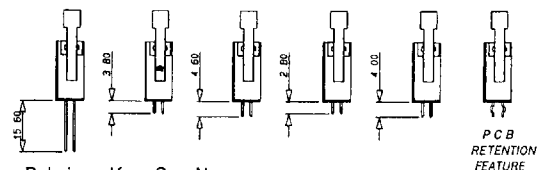
inches (millimeters)

N Contacts	Dim A	Dim B	Dim C	Dim D
10	.040" (10.16)	.860" (21.84)	1.10" (27.94)	1.26" (32.11)
14	.060" (15.24)	1.06" (26.92)	1.30" (33.02)	1.46" (37.19)
16	.070" (17.78)	1.16" (29.46)	1.40" (35.56)	1.56" (39.73)
20	.090" (22.86)	1.36" (34.54)	1.60" (40.64)	1.76" (44.81)
26	1.20" (30.48)	1.66" (42.16)	1.90" (48.26)	2.06" (52.43)
34	1.60" (40.64)	2.06" (52.32)	2.30" (58.42)	2.46" (62.59)
40	1.90" (48.26)	2.36" (59.94)	2.60" (66.04)	2.76" (70.21)
50	2.40" (60.96)	2.86" (72.64)	3.10" (78.74)	3.26" (82.91)
60	2.90" (73.66)	3.36" (85.34)	3.60" (91.44)	3.76" (95.61)



CONTACT TERMINATIONS

000 002 003 006 009



Polarizing Keys See Above