



Catalog CE-1

Card Edge Printed Circuit Connectors

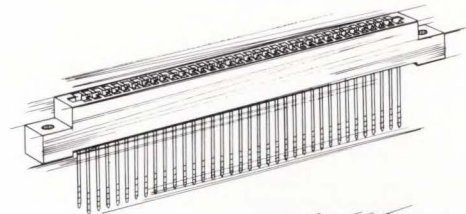
J. W. WILHOIT, INC.

4966 El Camino Real
Los Altos, CA 94022
(415) 961-3660

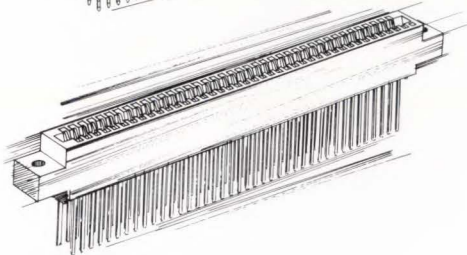
connect with **eby**™

subsidiary of REDM Industries

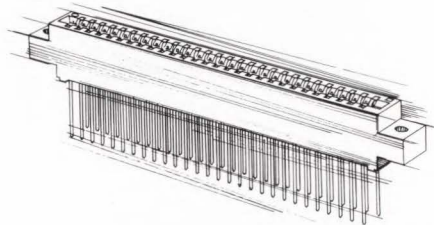
Table of Contents



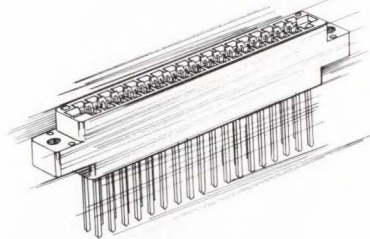
.100 X .150
CK SERIES pages 4 and 5



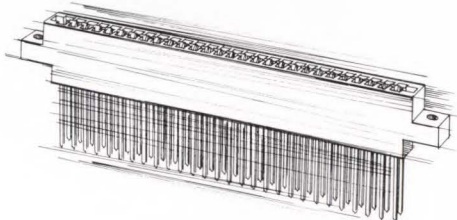
.100 X .200
CY SERIES pages 6 and 7



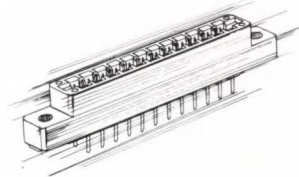
.125 X .250
CG SERIES pages 8 and 9



.150 X .200
CW SERIES pages 10 and 11



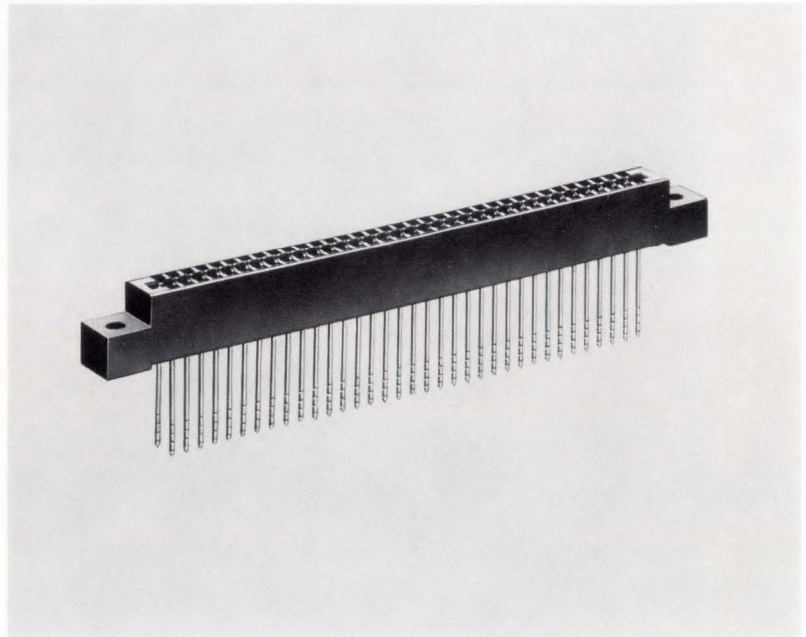
.156 X .188
CT SERIES pages 12 and 13



.156 X .200
CL SERIES pages 14 and 15



.156
CE SERIES pages 16 and 17

**FEATURES**

- Reliable, durable cantilever contacts.
- .025" square contact tails in solder-to-board, wire wrap, and right-angle configurations.
- UL 94V-0 thermoplastic insulator.
- Available in numerous mounting ear types and in popular sizes.
- Selective gold plating available.

SPECIFICATIONS

Current Rating:	3 Amperes
Contact Resistance:	6 Milliohms Max.
Dielectric Withstanding Voltage:	1000 VAC RMS (Sea Level)
Insulation Resistance:	5000 Megohms Min.
Operating Temperature:	-65°C to +125°C
Insertion Force:	10 oz. Max. per Pair
Withdrawal Force:	1 oz. Min. per Pair
Insulator Material:	Thermoplastic Glass Filled Polyester, Rated 94V-0
Contact Material & Finish:	See Ordering Code
Mounting Inserts & Bushings Material & Finish:	Brass-Nickel Plated

No. of Contact Positions	A	B	C	D	E
06/12	1.475 (37.47)	1.175 (29.85)	.868 (22.05)	.707 (17.96)	.500 (12.70)
10/20	1.875 (47.63)	1.575 (40.01)	1.268 (32.21)	1.107 (28.12)	.900 (22.86)
12/24	2.075 (52.71)	1.775 (45.09)	1.468 (37.29)	1.307 (33.20)	1.100 (27.94)
15/30	2.375 (60.33)	2.075 (52.71)	1.768 (44.91)	1.607 (40.82)	1.400 (35.56)
18/36	2.675 (67.95)	2.375 (60.33)	2.068 (52.53)	1.907 (48.44)	1.700 (43.18)
20/40	2.875 (73.03)	2.575 (65.41)	2.268 (57.61)	2.107 (53.52)	1.900 (48.26)
22/44	3.075 (78.11)	2.775 (70.49)	2.468 (62.69)	2.307 (58.60)	2.100 (53.34)
25/50	3.375 (85.73)	3.075 (78.11)	2.768 (70.31)	2.607 (66.22)	2.400 (60.96)
28/56	3.675 (93.35)	3.375 (85.73)	3.068 (77.93)	2.907 (73.84)	2.700 (68.58)
30/60	3.875 (98.43)	3.575 (90.81)	3.268 (83.01)	3.107 (78.92)	2.900 (73.66)
31/62	3.975 (100.97)	3.675 (93.35)	3.368 (85.55)	3.207 (81.46)	3.000 (76.20)
35/70	4.375 (111.13)	4.075 (103.51)	3.768 (95.71)	3.607 (91.62)	3.400 (86.36)
36/72	4.475 (113.67)	4.175 (106.05)	3.868 (98.25)	3.707 (94.16)	3.500 (88.90)
40/80	4.875 (123.83)	4.575 (116.21)	4.268 (108.41)	4.107 (104.32)	3.900 (99.06)
50/100	5.875 (149.23)	5.575 (141.61)	5.268 (133.81)	5.107 (129.72)	4.900 (124.46)

Specifications are subject to change without notice.

For special requirements consult factory.

ORDERING CODE



SERIES

NUMBER OF DUAL POSITIONS

06, 10, 12, 15, 18, 20, 22, 25,
28, 30, 31, 35, 36, 40, 50

CONTACT TERMINATIONS & LENGTHS

A - Printed Circuit—Straight (.12 Tail Length Min.)
B - Solderless Wrap (.56 Tail Length Min.)
H - Printed Circuit—Right Angle

MOUNTING TYPES

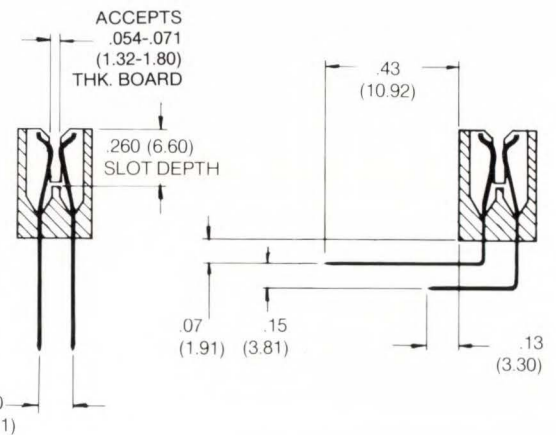
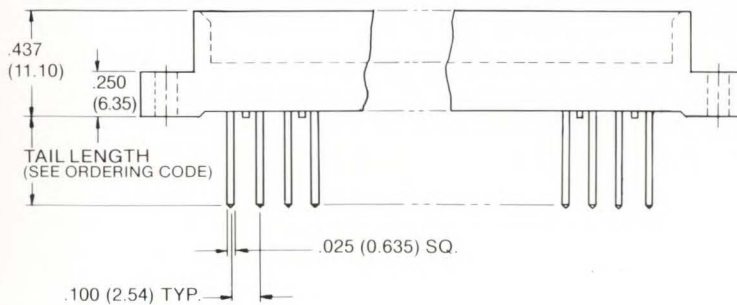
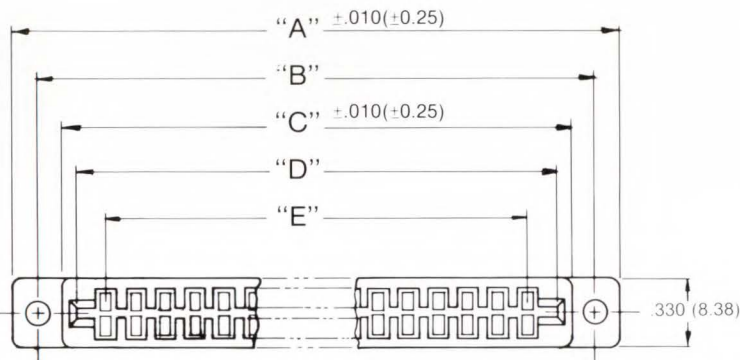
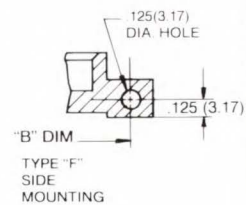
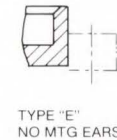
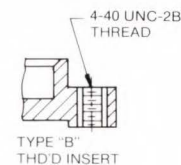
A - .125 Dia. Clearance Holes
B - #4-40 Threaded Inserts
E - No Mounting Ears
F - Side Mounting (For Right Angle)

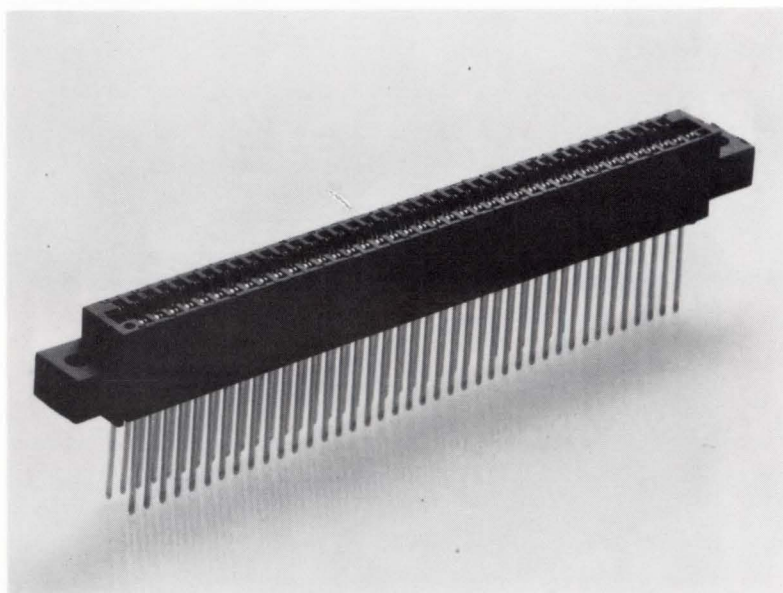
CONTACT MATERIAL & FINISH

13 - CA #725 - .000030" Selective Gold* over Nickel
51 - CA #725 - .000100" Tin over Nickel

*Selective Gold is on the male/female engaging area.

MOUNTING TYPES





FEATURES

- Round and square solder tails available.
- High reliability bifurcated, bellows-type contacts.
- Available in solder-to-board and .025" square wire wrap tail lengths.
- Straight and right angle configurations.
- Selective gold and tin plating options.
- Offset and flush mounting ear styles.

SPECIFICATIONS

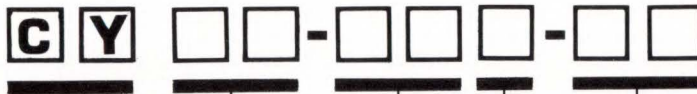
Current Rating:	3 Amperes
Contact Resistance:	8 Milliohms Max.
Dielectric Withstanding Voltage:	1000 VAC RMS (Sea Level)
Insulation Resistance:	5000 Megohms Min.
Operating Temperature:	-65°C to +125°C
Insertion Force:	10 oz. Max. per Pair
Withdrawal Force:	1 oz. Min. per Pair
Insulator Material:	Thermoplastic Glass Filled Polyester, Rated 94V-0
Contact Material & Finish:	See Ordering Code
Mounting Inserts & Bushings	
Material & Finish:	Brass-Nickel Plated

Polarization - Order polarization keys separately
 Between contact key - Eby P/N 9775-507-01
 Over Contact key - Eby P/N 9775-511-02

No. of Contact Positions	A	B	C	D	E	F
10/20	1.835 (46.61)	1.575 (40.01)	1.260 (32.00)	1.100 (27.94)	.900 (22.86)	1.150 (29.21)
12/24	2.035 (51.69)	1.775 (45.09)	1.460 (37.08)	1.300 (33.02)	1.100 (27.94)	1.350 (34.29)
15/30	2.335 (59.31)	2.075 (52.71)	1.760 (44.70)	1.600 (40.64)	1.400 (35.56)	1.650 (41.91)
18/36	2.635 (66.93)	2.375 (60.33)	2.060 (52.32)	1.900 (48.26)	1.700 (43.18)	1.950 (49.53)
20/40	2.835 (72.01)	2.575 (65.41)	2.260 (57.40)	2.100 (53.34)	1.900 (48.26)	2.150 (54.61)
22/44	3.035 (77.09)	2.775 (70.49)	2.460 (62.48)	2.300 (58.42)	2.100 (53.34)	2.350 (59.69)
25/50	3.335 (84.71)	3.075 (78.11)	2.760 (70.10)	2.600 (66.04)	2.400 (60.96)	2.650 (67.31)
28/56	3.635 (92.33)	3.375 (85.73)	3.060 (77.72)	2.900 (73.66)	2.700 (68.58)	2.950 (74.93)
30/60	3.835 (97.41)	3.575 (90.81)	3.260 (82.80)	3.100 (78.74)	2.900 (73.66)	3.150 (80.01)
31/62	3.935 (99.95)	3.675 (93.35)	3.360 (85.34)	3.200 (81.28)	3.000 (76.20)	3.250 (82.55)
35/70	4.335 (110.11)	4.075 (103.51)	3.760 (95.50)	3.600 (91.44)	3.400 (86.36)	3.650 (92.71)
36/72	4.435 (112.65)	4.175 (106.05)	3.860 (98.04)	3.700 (93.98)	3.500 (88.90)	3.750 (95.25)
40/80	4.835 (122.81)	4.575 (116.21)	4.260 (108.20)	4.100 (104.14)	3.900 (99.06)	4.150 (105.41)
43/86	5.135 (130.43)	4.875 (123.83)	4.560 (115.82)	4.400 (111.76)	4.200 (106.68)	4.450 (113.03)
50/100	5.835 (148.21)	5.575 (141.61)	5.260 (133.60)	5.100 (129.54)	4.900 (124.46)	5.150 (130.81)
60/120	6.835 (173.61)	6.575 (167.01)	6.260 (159.00)	6.100 (154.94)	5.900 (149.86)	6.150 (156.21)
70/140	7.835 (199.01)	7.575 (192.41)	7.260 (184.40)	7.100 (180.34)	6.900 (175.26)	7.150 (181.61)

CARD EDGE CONNECTORS CY SERIES .100 X .200

ORDERING CODE



SERIES

NUMBER OF DUAL POSITIONS

10, 12, 15, 18, 20, 22, 25, 28, 30, 31, 35, 36, 40, 43, 50, 60, 70

CONTACT TERMINATIONS & LENGTHS

OA - Printed Circuit—Straight—(.025 sq. X .19 Tail Length Min.)
OB - Solderless Wrap—(.025 sq. X .57 Tail Length Min.)
OF - Printed Circuit—Straight—(.026 dia. X .18 Tail Length Min.)
OH - Printed Circuit—Right Angle

MOUNTING TYPES

Flush Mounting Types

A - .128 Dia. Clearance Holes

B - #4-40 Threaded Inserts

Offset Mounting Types

J - .128 Dia. Clearance Holes

K - #4-40 Threaded Inserts

P - Side Mounting (For Right Angle)

Other

N - No Mounting Ears

CONTACT MATERIAL & FINISH

01 - Phos. Brz. - .000010" Gold over Nickel

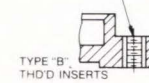
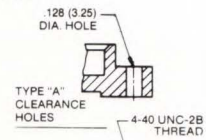
03 - Phos. Brz. - .000030" Gold over Nickel

33 - Phos. Brz. - .000030" Selective Gold*, over Nickel

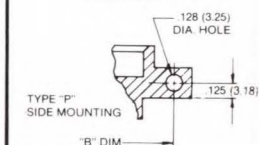
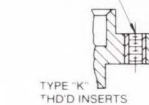
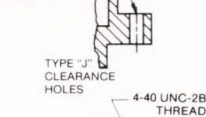
83 - Phos. Brz. - .000030" Selective Gold*, tin-lead on tail, over Nickel

*Selective Gold is on the male/female engaging area.

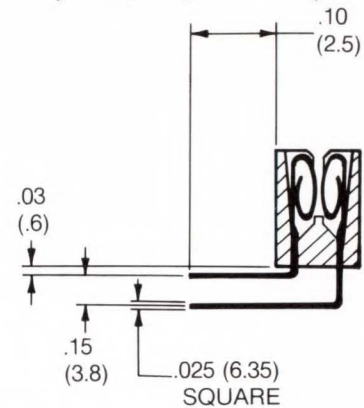
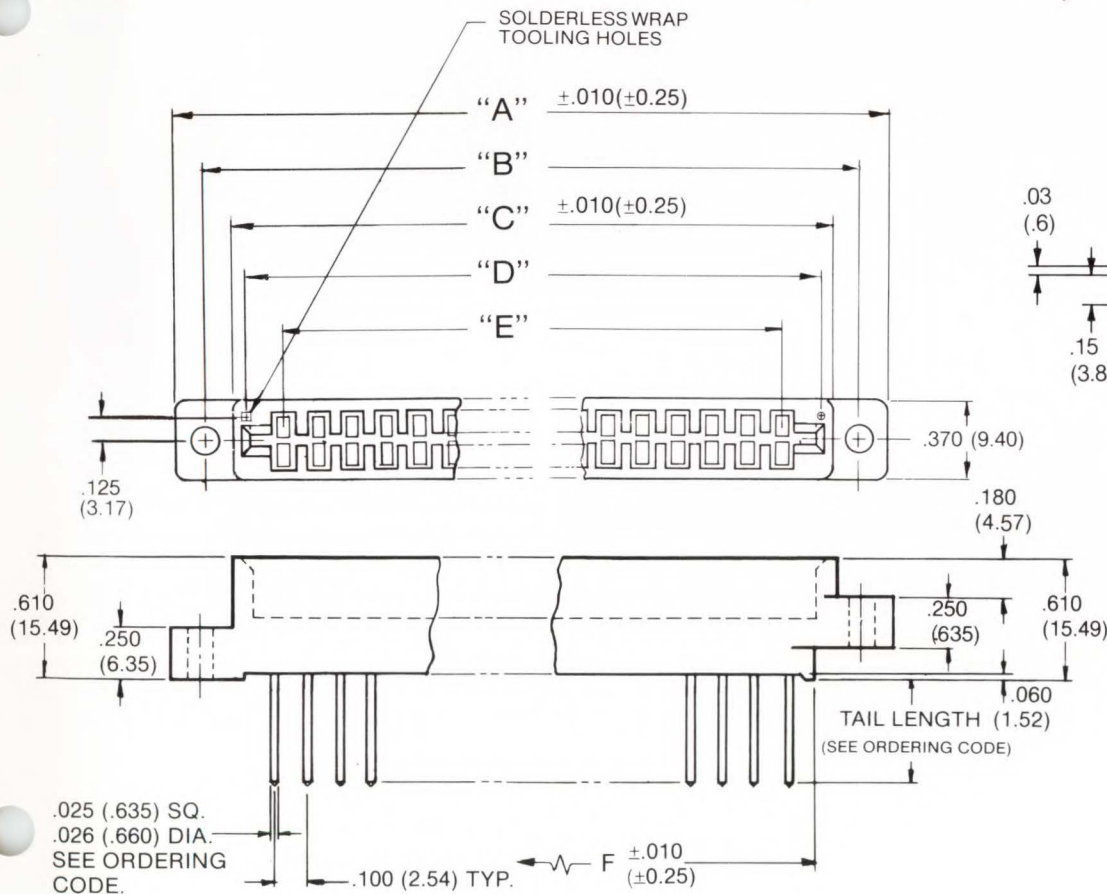
FLUSH MOUNTING TYPES



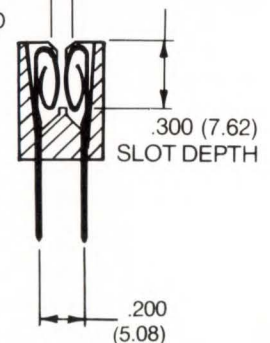
OFFSET MOUNTING TYPES

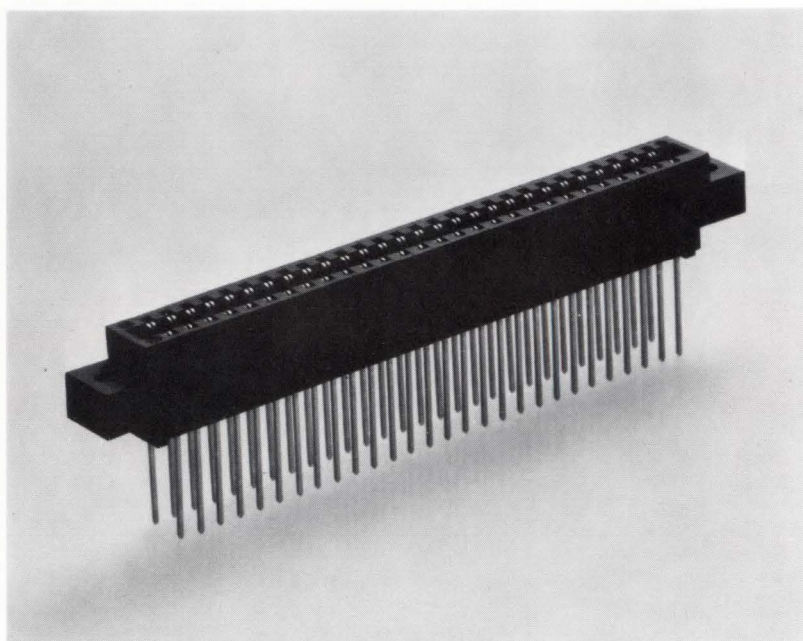


OTHER MOUNTING TYPES



ACCEPTS .054-.071 (1.37-1.80) THK. BOARD



**FEATURES**

- Phosphor bronze bifurcated bellows-style contacts.
- .025" square tails available in solder-to-board and wire wrap lengths.
- Packaging versatility achieved through both flush and offset mounting ear styles.
- Dimensionally and functionally compatible with MIL-C-21097.
- Selective gold plating available.

SPECIFICATIONS

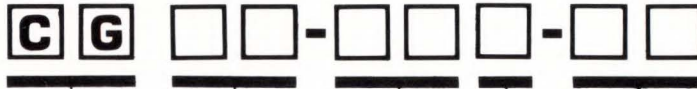
Current Rating:	3 Amperes
Contact Resistance:	8 Milliohms Max.
Dielectric Withstanding Voltage:	1500 VAC RMS (Sea Level)
Insulation Resistance:	5000 Megohms Min.
Operating Temperature:	-65°C to +125°C
Insertion Force:	10 oz. Max. per Pair
Withdrawal Force:	1 oz. Min. per Pair
Insulator Material:	Thermoplastic Glass Filled Polyester, Rated 94V-0
Contact Material & Finish:	See Ordering Code
Mounting Inserts & Bushings Material & Finish:	Brass-Nickel Plated

No. of Contact Positions	A	B	C	D	E	F
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 (70.99)	2.535 (64.39)	2.375 (60.33)	2.125 (53.98)	2.375 (60.33)
22/44	3.555 (90.30)	3.295 (83.69)	3.035 (77.09)	2.875 (73.03)	2.625 (66.68)	2.875 (73.03)
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 (109.09)	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 (130.18)	4.875 (123.83)	5.125 (130.18)
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)

Polarization - Order polarization keys separately
Between contact key - Eby P/N 9775-517-01

For special requirements consult factory.

ORDERING CODE



SERIES

NUMBER OF
DUAL POSITIONS

15, 18, 22, 28, 30, 31, 35, 36,
40, 43, 50

CONTACT TERMINATIONS & LENGTHS

OA - Printed Circuit (.18 Tail Length Min.)
OB - Solderless Wrap (.55 Tail Length Min.)

MOUNTING TYPES

Flush Mounting

A - .128 Dia. Clearance Holes

B - #4-40 Threaded Inserts

C - .116 I.D. Floating Bushings

Offset Mounting

J - .128 Dia. Clearance Holes

K - #4-40 Threaded Inserts

L - .116 I.D. Floating Bushings

Other

N - No Mounting Ears

CONTACT MATERIAL & FINISH

01 - Phos. Brz. - .000010" Gold over Nickel

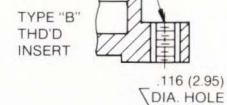
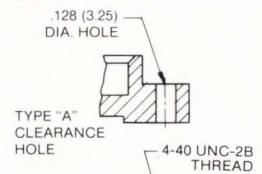
03 - Phos. Brz. - .000030" Gold over Nickel

43 - Phos. Brz. - .000100" Tin over Nickel

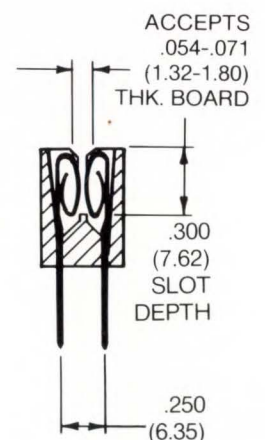
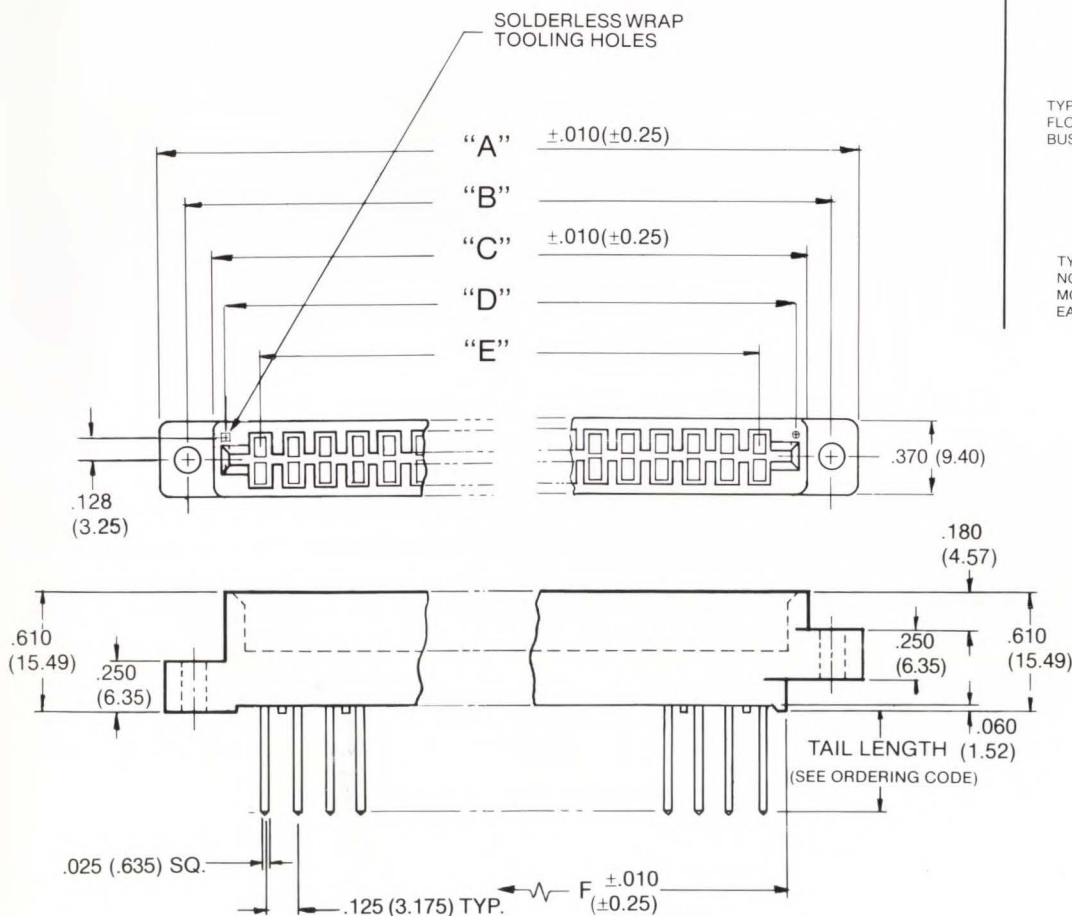
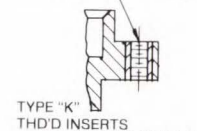
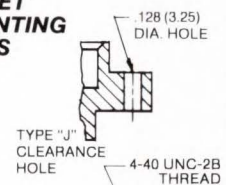
83 - Phos. Brz. - .000030" Selective Gold*,
tin-lead on tail, over Nickel

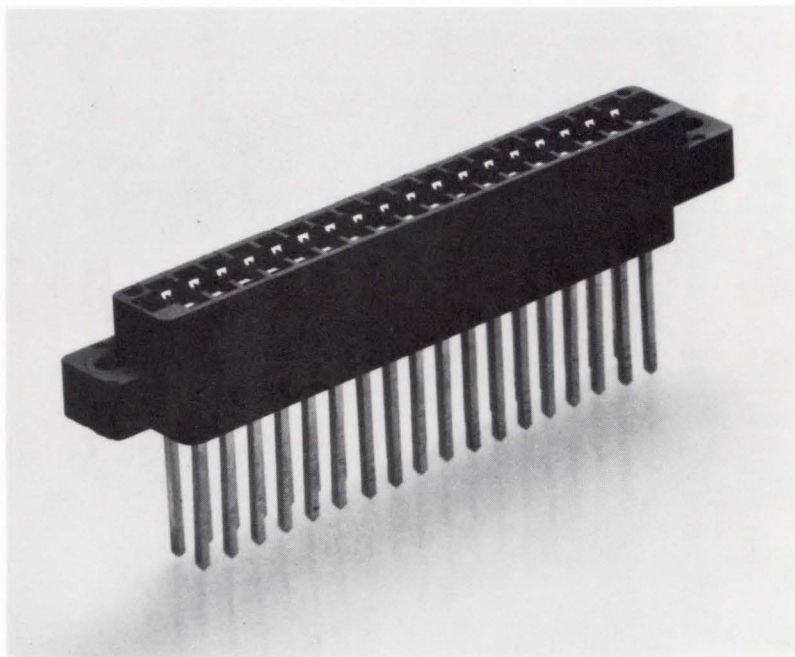
*Selective Gold is on the male/female engaging area.

FLUSH MOUNTING TYPES



OFFSET MOUNTING TYPES





FEATURES

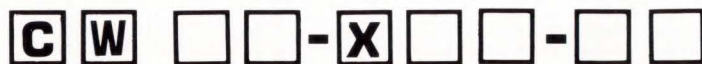
- High temperature-phenolic insulator.
- Selective gold plating styles available.
- .045" square wire wrap tails.
- Wide range of mounting-ear configurations.

SPECIFICATIONS

Current Rating:	5 Amperes
Contact Resistance:	6 Milliohms Max.
Dielectric Withstanding Voltage:	1800 VAC RMS (Sea Level)
Insulation Resistance:	5000 Megohms Min.
Operating Temperature:	-65°C to +175°C
Insertion Force:	12 oz. Max. per Pair
Withdrawal Force:	2 oz. Min. per Pair
Insulator Material:	Phenolic, Rated 94V-0
Contact Material & Finish:	See Ordering Code
Mounting Inserts & Bushings Material & Finish:	Brass-Nickel Plated

Polarization - Order polarization keys separately
Between contact key - Eby P/N 9775-515-02

No. of Contact Positions	A	B	C	D	E	F
06/12	1.751 (44.48)	1.501 (38.13)	1.188 (30.18)	1.050 (26.67)	.750 (19.05)	1.000 (25.40)
10/20	2.351 (59.72)	2.101 (53.37)	1.788 (45.42)	1.650 (41.91)	1.350 (34.29)	1.600 (40.64)
15/30	3.101 (78.77)	2.851 (72.42)	2.538 (64.47)	2.400 (60.96)	2.100 (53.34)	2.350 (59.69)
18/36	3.551 (90.20)	3.301 (83.85)	2.988 (75.90)	2.850 (72.39)	2.550 (64.77)	2.800 (71.12)
22/44	4.151 (105.44)	3.901 (99.09)	3.588 (91.14)	3.450 (87.63)	3.150 (80.01)	3.400 (86.36)
25/50	4.601 (116.87)	4.351 (110.52)	4.038 (102.57)	3.900 (99.06)	3.600 (91.44)	3.850 (97.79)
28/56	5.051 (128.30)	4.801 (121.95)	4.488 (114.00)	4.350 (110.49)	4.050 (102.87)	4.300 (109.22)
31/62	5.501 (139.73)	5.251 (133.38)	4.938 (125.43)	4.800 (121.92)	4.500 (114.30)	4.750 (120.65)
36/72	6.251 (158.78)	6.001 (152.43)	5.688 (144.48)	5.550 (140.97)	5.250 (133.35)	5.500 (139.70)
40/80	6.851 (174.02)	6.601 (167.67)	6.288 (159.72)	6.150 (156.21)	5.850 (148.59)	6.100 (154.94)
43/86	7.301 (185.45)	7.051 (179.10)	6.738 (171.15)	6.600 (167.64)	6.300 (160.02)	6.550 (166.37)
50/100	8.351 (212.12)	8.101 (205.77)	7.788 (197.82)	7.6550 (194.31)	7.350 (186.69)	7.600 (193.04)

ORDERING CODE

SERIES.

NUMBER OF
DUAL POSITIONS.

06, 10, 15, 18, 22, 25, 28, 31,
36, 40, 43, 50

CONTACT TERMINATIONS & LENGTHS.

D - Solderless Wrap (.63 Tail Length Min.)

MOUNTING TYPES

J -.128 Dia. Clearance Hole

K - #4-40 Threaded Insert

L - .116 I.D. Floating Bushing

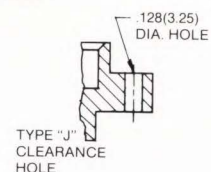
N - No Mounting Ears

CONTACT MATERIAL & FINISH

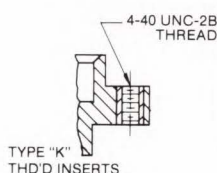
13 - CA #725 - .000030" Selective Gold* over Nickel

*Selective Gold is on the male/female engaging area.

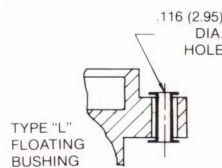
MOUNTING TYPES



TYPE "J"
CLEARANCE
HOLE



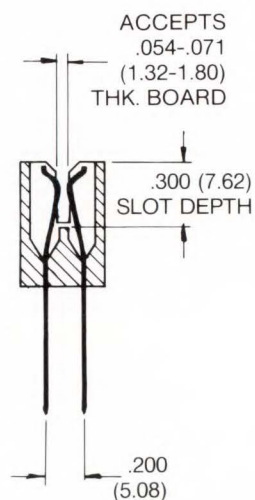
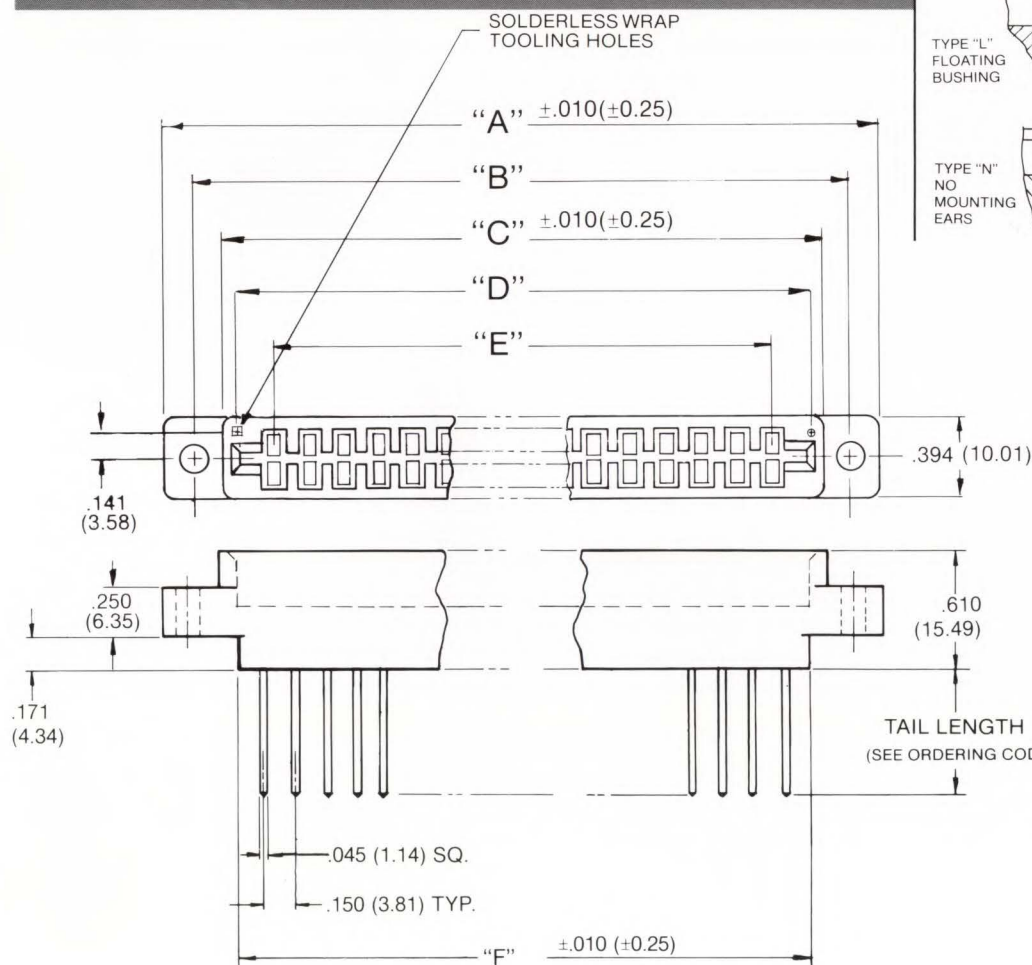
TYPE "K"
THD'D INSERTS

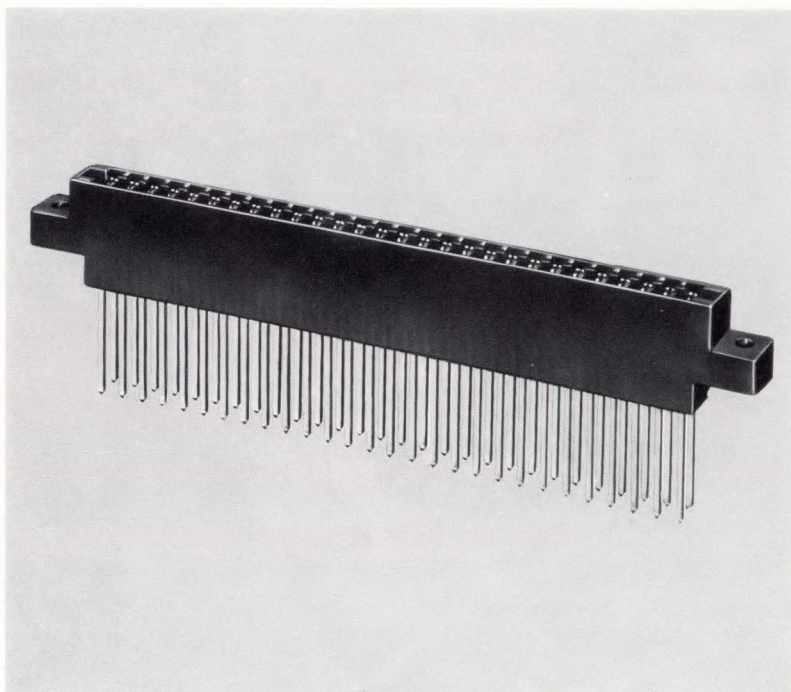


TYPE "L"
FLOATING
BUSHING



TYPE "N"
NO
MOUNTING
EARS





FEATURES

- Structurally rigid thermoplastic polyester insulator.
- Durable dual cantilever contacts.
- Straight and right-angle configurations.
- .045" square contact tails designed for high productivity-automatic wirewrapping.
- Selective gold plating available.
- Connectors selectively loaded with shorting contacts available upon request.

SPECIFICATIONS

Current Rating:	5 Amperes
Contact Resistance:	6 Milliohms Max.
Dielectric Withstanding Voltage:	1800 VAC RMS (Sea Level)
Insulation Resistance:	5000 Megohms Min.
Operating Temperature:	-65°C to +125°C
Insertion Force:	12 oz. Max. per Pair
Withdrawal Force:	2 oz. Min. per Pair
Insulator Material:	Thermoplastic Glass Filled Polyester, Rated 94V-0
Contact Material & Finish:	See Ordering Code
Mounting Inserts & Bushings Material & Finish:	Brass-Nickel Plated

Polarization - Order polarization keys separately Between contact key - Eby P/N 9775-515-02

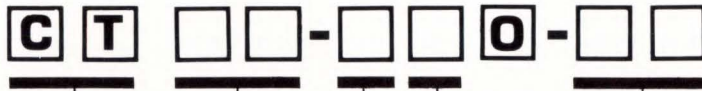
Shorting contacts available upon special order.

No. of Contact Positions	A	B	C	D	E	F	G
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)	.254 (6.45)
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)	.254 (6.45)
18/36	3.656 (92.86)	3.406 (86.51)	3.126 (79.40)	2.972 (75.49)	2.652 (67.36)	2.864 (72.75)	.254 (6.45)
22/44	4.280 (108.71)	4.030 (102.36)	3.750 (95.25)	3.596 (91.34)	3.276 (83.21)	3.488 (88.60)	.254 (6.45)
28/56	5.278 (134.06)	4.966 (126.14)	4.686 (119.02)	4.532 (115.11)	4.212 (106.98)	4.428 (112.47)	.210 (5.33)
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)	.254 (6.45)

Specifications are subject to change without notice.

For special requirements consult factory.

ORDERING CODE



SERIES

NUMBER OF
DUAL POSITIONS

10, 15, 18, 22, 28, 36

CONTACT TERMINATIONS & LENGTHS

- A - Solderless Wrap—Straight (.25 Tail Length Min.)
 B - Solderless Wrap—Straight (.56 Tail Length Min.)
 D - Solderless Wrap—Straight (.75 Tail Length Min.)
 J - Solderless Wrap—Right Angle

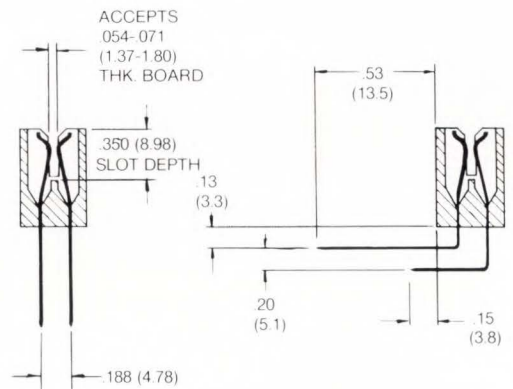
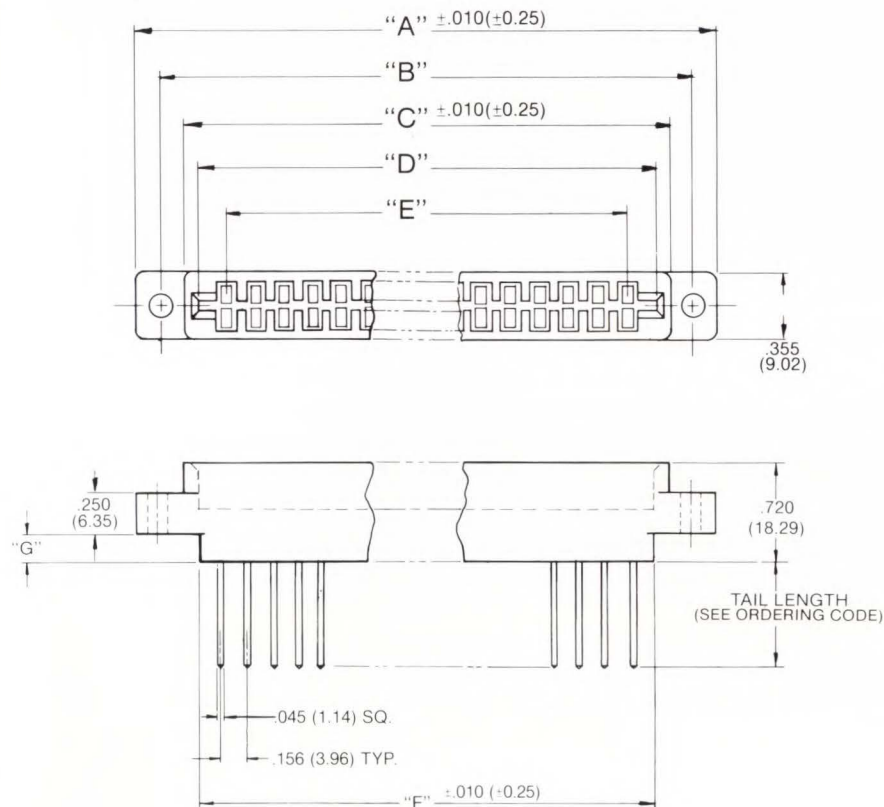
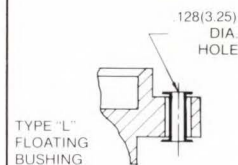
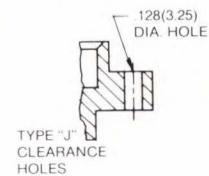
MOUNTING TYPES

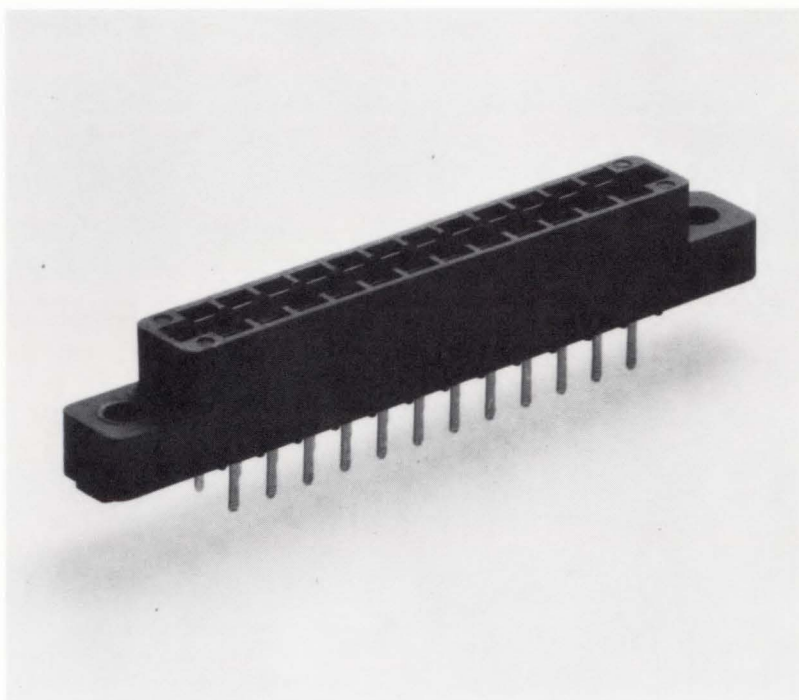
- J - .128 Dia. Clearance Holes
 L - .128 I.D. Floating Bushings

CONTACT MATERIAL & FINISH

13 - CA #725 - .000030" Selective Gold* over Nickel

*Selective Gold is on the male/female engaging area.

MOUNTING
TYPES



FEATURES

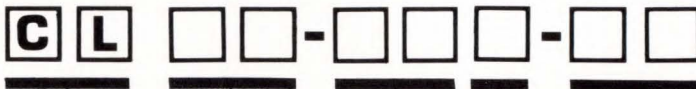
- Bifurcated cantilever contacts.
- Solder-to-board or wire hole contact tails.
- UL 94V-0 thermoplastic insulator.
- Wide variety of mounting ear types.
- Functionally interchangeable with MIL-C-21097.
- Selective gold plating available.

SPECIFICATIONS

Current Rating: 5 Amperes
Contact Resistance: 8 Milliohms Max.
Dielectric Withstanding Voltage: 1800 VAC RMS (Sea Level)
Insulation Resistance: 5000 Megohms Min.
Operating Temperature: -65°C to +125°C
Insertion Force: 10 oz. Max. per Pair
Withdrawal Force: 2 oz. Min. per Pair
Insulator Material: Thermoplastic Glass Filled Polyester, Rated 94V-0
Contact Material & Finish: See Ordering Code
Mounting Inserts & Bushings: Brass-Nickel Plated
Material & Finish:

No. of Contact Positions	A	B	C	D	E
06/12	1.844 (46.84)	1.532 (38.91)	1.232 (31.29)	1.104 (28.04)	.780 (19.81)
10/20	2.468 (62.69)	2.156 (54.76)	1.856 (47.14)	1.728 (43.89)	1.404 (35.66)
12/24	2.780 (70.61)	2.468 (62.68)	2.168 (55.06)	2.040 (51.82)	1.716 (43.59)
15/30	3.248 (82.50)	2.936 (74.57)	2.636 (66.95)	2.508 (63.70)	2.184 (55.47)
18/36	3.716 (94.39)	3.404 (86.46)	3.104 (78.84)	2.976 (75.59)	2.652 (67.36)
22/44	4.340 (110.24)	4.028 (102.31)	3.728 (94.69)	3.600 (91.44)	3.276 (83.21)
25/50	4.808 (122.12)	4.496 (114.19)	4.196 (106.58)	4.068 (103.33)	3.744 (95.10)
28/56	5.276 (134.01)	4.964 (126.09)	4.664 (118.47)	4.536 (115.21)	4.212 (106.98)
30/60	5.588 (141.94)	5.276 (134.01)	4.976 (126.39)	4.848 (123.13)	4.524 (114.91)
36/72	6.524 (165.71)	6.212 (157.78)	5.912 (150.16)	5.784 (146.91)	5.460 (138.68)
43/86	7.616 (193.45)	7.304 (185.52)	7.004 (177.90)	6.876 (174.65)	6.552 (166.42)

ORDERING CODE



SERIES

NUMBER OF
DUAL POSITIONS

06, 10, 12, 15, 18, 22, 25, 28,
30, 36, 43

CONTACT TERMINATIONS & LENGTHS

OA - Printed Circuit (.16 Tail Length Min.)
OG - Wire Hole Tail (.25 Tail Length Min.)
OH - Printed Circuit—Right Angle

MOUNTING TYPES

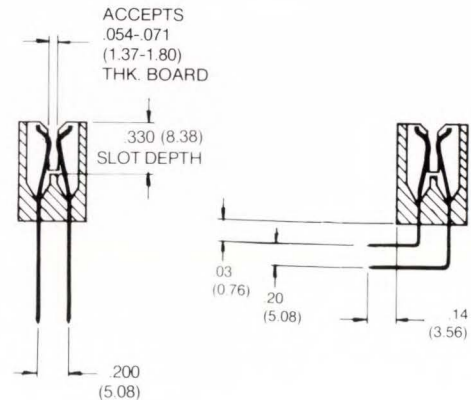
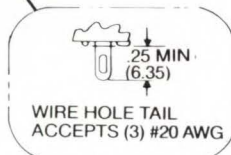
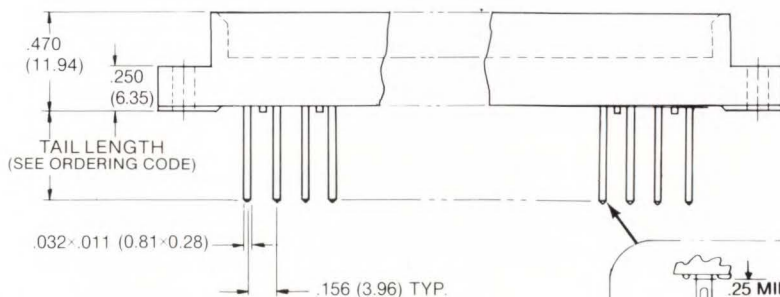
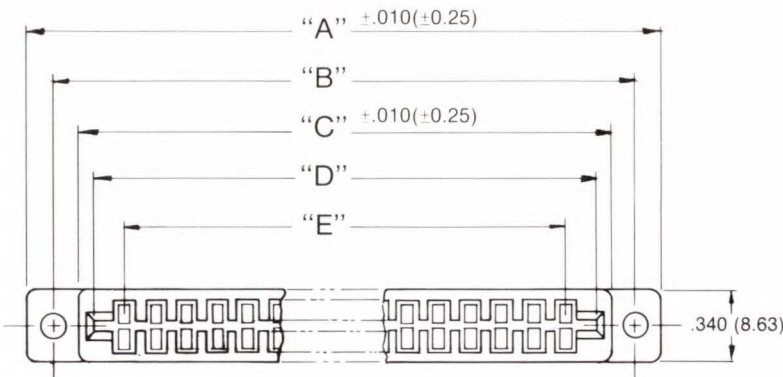
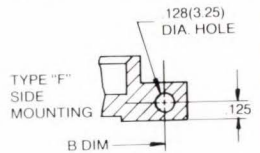
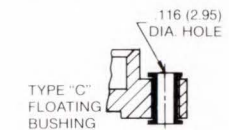
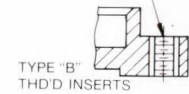
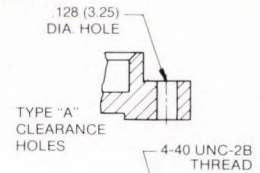
A - .128 Dia. Clearance Holes
B - #4-40 Threaded Inserts
C - .116 I.D. Floating Bushings
E - No Mounting Ears
F - Side Mounting—For Right Angle

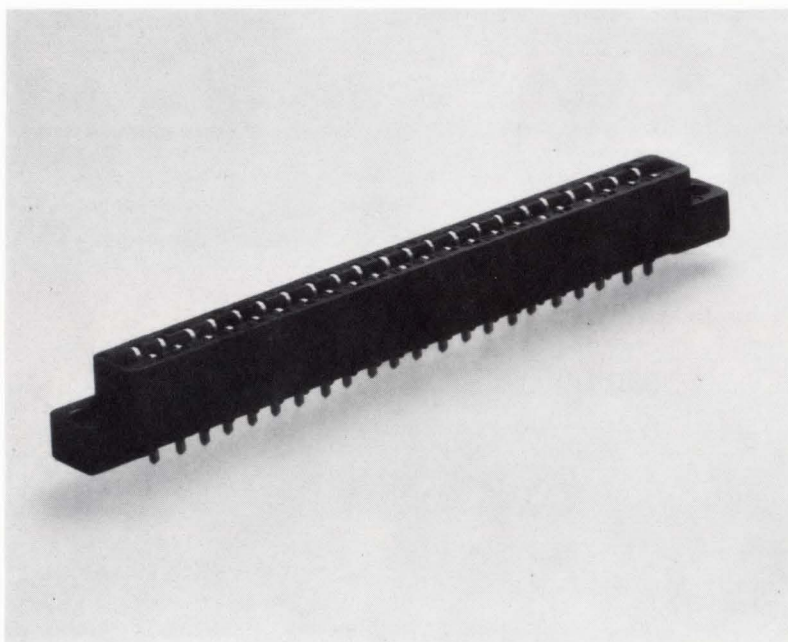
CONTACT MATERIAL & FINISH

01 - Phos. Brz. - .000010" Gold over Nickel
03 - Phos. Brz. - .000030" Gold over Nickel
43 - Phos. Brz. - .000100" Tin-Lead over Nickel
83 - Phos. Brz. - .000030" Selective Gold*,
tin-lead on tail, over Nickel

*Selective Gold is on the male/female engaging area.

MOUNTING TYPES





FEATURES

- High temperature phenolic insulator.
- Single readout, centrally located contacts.
- High reliability tuning-fork contact design.
- Solder-to-board or optional wire-hole contact tails.
- Available in a variety of plating types.
- Functionally compatible with MIL-C-21097.

SPECIFICATIONS

Current Rating:	5 Amperes
Contact Resistance:	6 Milliohms Max.
Dielectric Withstanding Voltage:	1800 VAC RMS (Sea Level)
Insulation Resistance:	5000 Megohms Min.
Operating Temperature:	-65°C to +175°C
Insertion Force:	16 oz. Max. per Pair
Withdrawal Force:	2 oz. Min. per Pair
Insulator Material:	Phenolic, Rated 94V-0
Contact Material & Finish:	See Ordering Code

Polarization - Order polarization keys separately
Between contact key - Eby P/N 9775-508-01
Contact replacing key - Eby P/N 9775-500-02

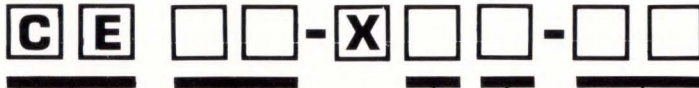
No. of Contact Positions	A	B	C	D	E
06	1.775 (45.08)	1.531 (38.89)	1.239 (31.47)	1.099 (27.91)	.781 (19.84)
10	2.400 (60.96)	2.156 (54.76)	1.864 (47.35)	1.724 (43.79)	1.406 (35.71)
12	2.712 (68.88)	2.468 (62.69)	2.176 (55.27)	2.036 (51.71)	1.718 (43.64)
15	3.181 (80.80)	2.937 (74.60)	2.645 (67.18)	2.505 (63.63)	2.187 (55.55)
18	3.650 (92.71)	3.406 (86.51)	3.114 (79.10)	2.974 (75.54)	2.656 (67.46)
22	4.275 (108.58)	4.031 (102.39)	3.739 (94.97)	3.599 (91.41)	3.281 (83.34)
28	5.212 (132.38)	4.968 (126.19)	4.676 (118.77)	4.537 (115.24)	4.219 (107.16)
36	6.463 (164.16)	6.219 (157.96)	5.927 (150.55)	5.787 (146.99)	5.469 (138.91)

Specifications are subject to change without notice.

For special requirements consult factory.

CARD EDGE CONNECTORS CE SERIES .156

ORDERING CODE



SERIES

**NUMBER OF
DUAL POSITIONS**

06, 10, 12, 15, 18, 22, 28, 36

CONTACT TERMINATIONS & LENGTHS

A - Printed Circuit (.11 Tail Length Min.)

G - Wire Hole Tail (.18 Tail Length Min.)

MOUNTING TYPES

A - .142 Dia. Clearance Holes

E - No Mounting Ears

CONTACT MATERIAL & FINISH

01 - Phos. Brz. - .000010" Gold over Nickel

03 - Phos. Brz. - .000030" Gold over Nickel

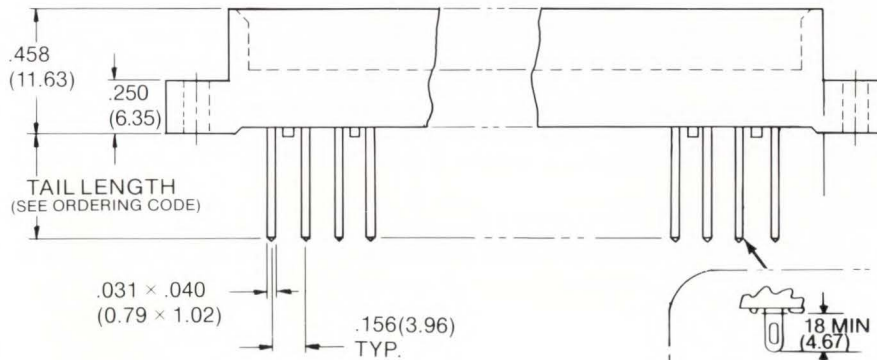
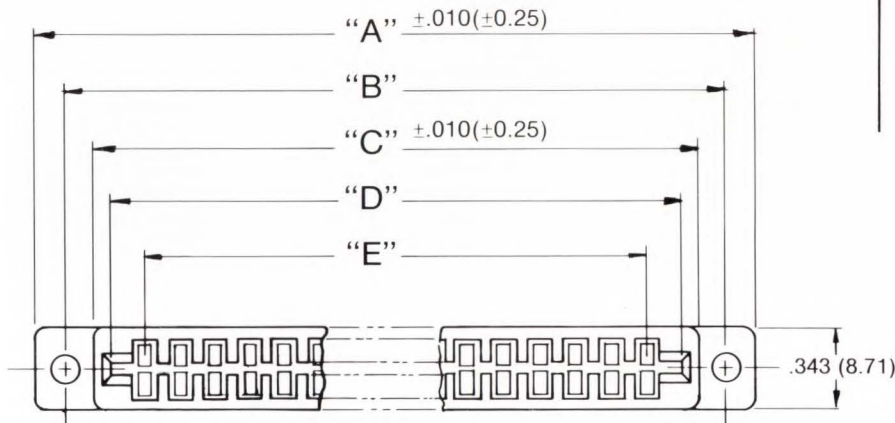
43 - Phos. Brz. - .000100" Tin over Nickel

MOUNTING TYPES

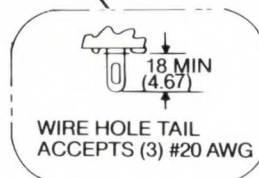
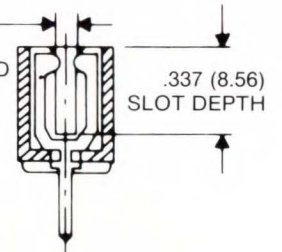
.142(3.61)
DIA. HOLE

TYPE "A"
CLEARANCE
HOLES

TYPE "E"
NO MTG
EARS



ACCEPTS
.054-.071
(1.37-1.80)
THK. BOARD

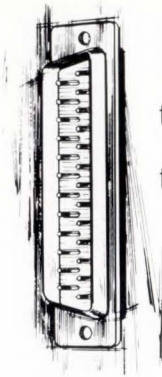
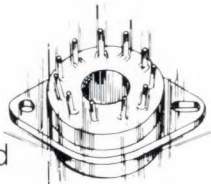


**there are very few
"full-line" connector companies
in the country...**



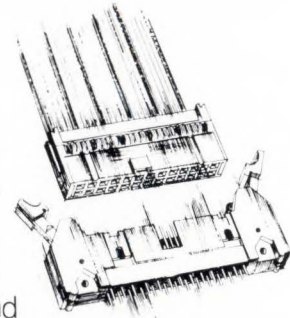
Maybe five or six. If you've been searching for a reliable source to fill your broad-based requirements, it's time you discovered the advantages of connecting with Eby.

Eby has come a long way since it pioneered the binding post way back in the "Twenties." Since then, we've evolved from a speciality house with heavy emphasis on custom engineering into a commodity-type manufacturer offering a full line of connectors.

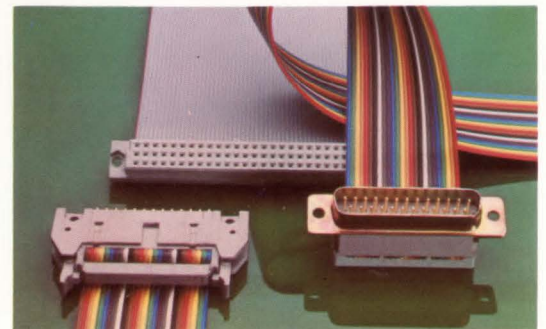
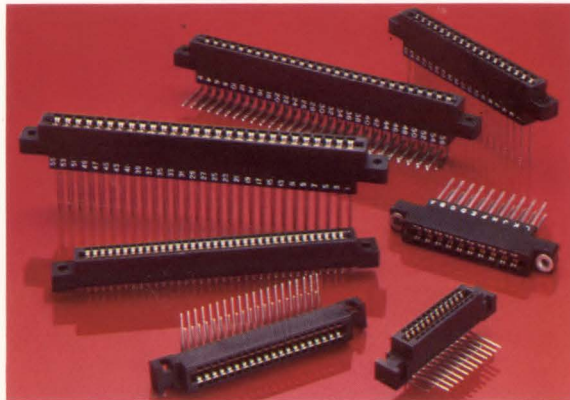
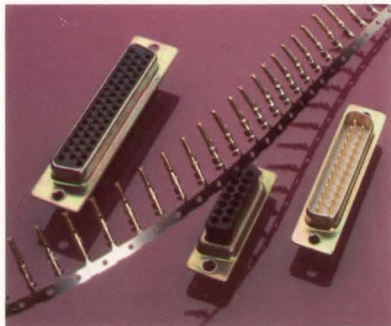


Our "full-line" includes everything from IDC's, D-Subminiatures, Card Edge and Box Connectors to Headers and Transistor Sockets. Our latest additions are the plastic and crimp snap-in D-Subminiature and we're adding new products all the time.

Yes, Eby has changed. We've broadened our line, our distribution and our technology. What hasn't changed is our quality engineering, low rejection rate and personalized customer service. It's a difference you'll like between us and the other "full-line" connector companies.



Eby Products



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