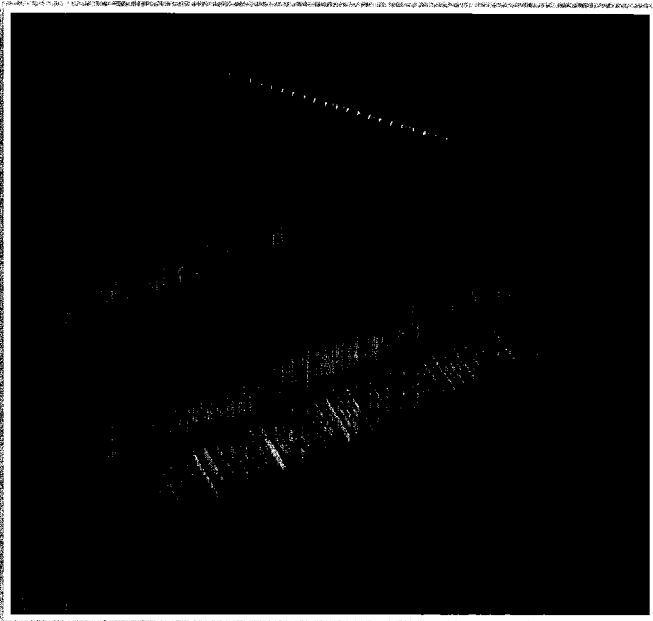


335/385 SERIES CARD EDGE CONNECTOR

Standard Contact Spacing (Bellows Contacts)



FEATURES

- CSA Approved and UL Recognized
- .100 (2.54) Contact Spacing x .200 (5.08) Row Spacing
- Accepts .062 (1.57) Nominal Thickness P.C. Board
- High Profile Insulator Body, .600 (15.24)
- Contact Termination Options include P.C. Tail, Wire Wrap, 90 Degree & Extender Board Bends
- Round P.C. Tails available to fit .036 (.091) diameter holes
- Single or Dual Row Configurations
- Large Variety of Mounting Options, Flush or Offset Lugs
- Pre-assembled Card Guides Available
- Accepts Between Contact and In-Contact Polarizing Keys
- Automatic Wire Wrap Positioning Holes

SPECIFICATIONS

- ◆ Insulator Material: Thermoplastic Polyester, UL 94V-0
- ◆ Contact Material: Ph. Bronze
- ◆ Contact Plating: Gold on the Mating Area, Tin-Lead on the Contact Tails, Nickel Underplate
- ◆ Current Rating: 3 Amperes Continuous
- ◆ Contact Resistance: 10 Milliohms Maximum
- ◆ Dielectric Withstanding Voltage: 1200 V AC rms at Sea Level Between Adjacent Contacts
- ◆ Insulation Resistance: 5000 Megohms Minimum
- ◆ Operating Temperature: -65 to +125 Degrees C
- ◆ Insertion Force: 16 oz (4.45 N) Maximum per Contact Pair when Tested with a .070 (1.78) Thick Gauge
- ◆ Withdrawal Force: 1 oz (0.28 N) Minimum per Contact Pair when Tested with a .054 (1.37) Thick Gauge

335/385 SERIES ORDERING CODE

Example Part Number **335 - 050 - 520 - 2 02**

Series _____
 Total Number of Contacts _____
 Contact Code _____
 Contact Rows and Insulator Style _____
 Mounting Options _____

Series	Insulator Colour
335	Green
385	Black

Total Number of Contacts ¹	Contact Rows
005, 006,...043	Single Row
010, 012,...086	Dual Row

Contact Code ^{2,3}	Description & Tail Size	Tail Length "G"
521	P.C. Tail .025 Square (0.64 Square)	.150 (3.81)
523	P.C. Tail .025 Square (0.64 Square)	.186 (4.72)
524	P.C. Tail .025 Square (0.64 Square)	.376 (9.55)
540	Wire Wrap .025 Square (0.64 Square)	.539 (13.69)
541	Wire Wrap .025 Square (0.64 Square)	.556 (14.12)
556	Extender Board Bend	
558	90 Degree Bend	
559	90 Degree Bend	
560	Extender Board Bend	

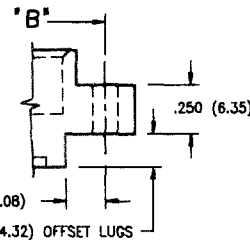
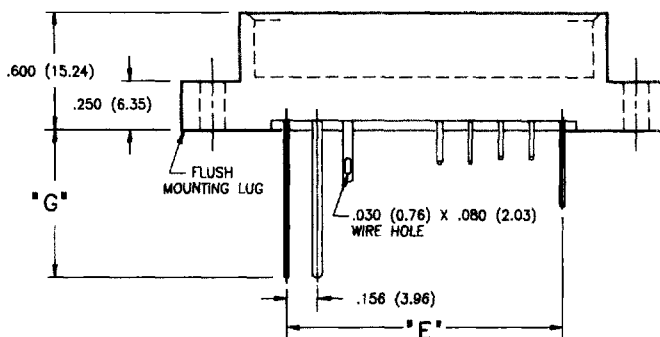
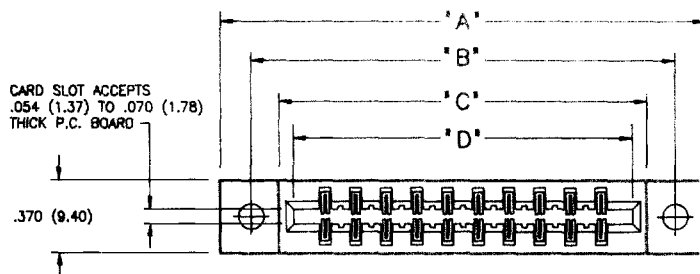
Contact Rows and Insulator Style	Description
1	Single Row, Flush Mounting Lugs
2	Dual Row, Flush Mounting Lugs
4	Single Row, .110 (2.79) Offset Lugs
5	Dual Row, .110 (2.79) Offset Lugs
6	Single Row, .170 (4.32) Offset Lugs
8	Dual Row, .170 (4.32) Offset Lugs

Mounting Options ^{4,5}	Description
01	No Mounting Lugs
02	.128 (3.25) Dia. Mounting Holes
03	.116 (2.95) I.D. Floating Eyelets
04	.156 (3.96) Dia. Mounting Holes
07	M3-0.5 Metric Threaded Inserts
08	#4-40 Unified Threaded Inserts
12	.128 (3.25) Dia. Side Mounting Holes
58	.468 (11.89) Offset Card Guides
78	In-line Card Guides 2.750 (69.85) Long
88	In-Line Card Guides 1.250 (31.75) Long

Ordering Code Notes

- 1) All connector sizes up to 72 contacts single row / 144 contacts dual row are available upon request.
- 2) For details of the extender board and 90 degree bends, refer to page 82.
- 3) For lugless connectors, code 01 mounting, specify contact row codes 1 or 2.
- 4) For details of the mounting options, refer to page 76.

CARD EDGE CONNECTOR



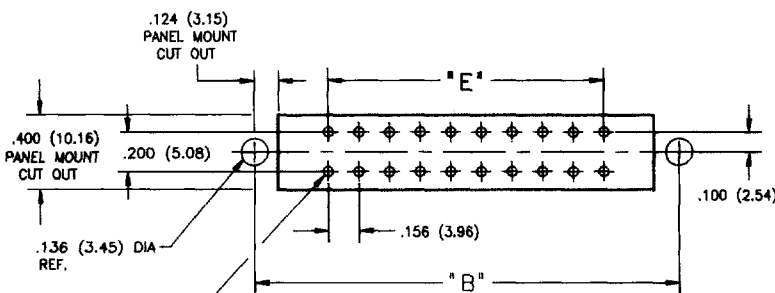
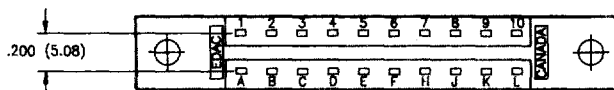
DUAL ROW

SINGLE ROW

EVEN NUMBERED
SIDE OF CONNECTOR
(2, 4, 6, 8...)

BETWEEN CONTACT
POLARIZING KEY

P/N 345-240-318

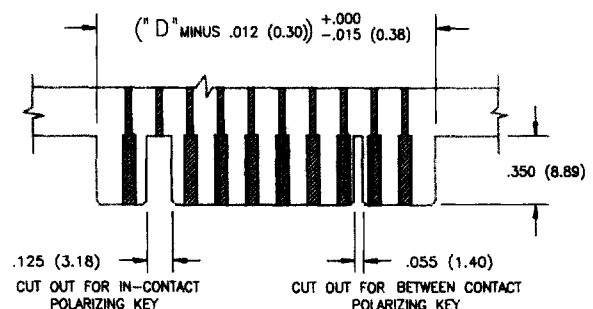


.042 (1.07) +.004 (0.10)/-.000
FOR ALL P.C. TAILS
EXCEPT CODE 524

.031 (0.79) +.004 (0.10)/-.000
FOR CODE 524 P.C. TAIL

⊕ .008 (0.20) DIA

CONNECTOR MOUNTING PATTERN



RECOMMENDED DAUGHTER BOARD

Pin Count		Pin 1 to Pin 10		Pin 11 to Pin 20		Pin 21 to Pin 30		Pin 31 to Pin 40	
Pin Count	Pin 1 to Pin 10	Pin 11 to Pin 20	Pin 21 to Pin 30	Pin 31 to Pin 40	Pin 41 to Pin 50	Pin 51 to Pin 60	Pin 61 to Pin 70	Pin 71 to Pin 80	Pin 81 to Pin 90
6	12	1.842 (46.79)	1.532 (38.91)	1.246 (31.65)	1.100 (27.94)	.780 (19.81)			
10	20	2.466 (62.64)	2.156 (54.76)	1.870 (47.50)	1.724 (43.79)	1.404 (35.66)			
12	24	2.778 (70.56)	2.468 (62.69)	2.182 (55.42)	2.036 (51.71)	1.716 (43.59)			
15	30	3.246 (82.45)	2.936 (74.57)	2.650 (67.31)	2.504 (63.60)	2.184 (55.47)			
18	36	3.714 (94.34)	3.404 (86.46)	3.118 (79.20)	2.972 (75.49)	2.652 (67.36)			
22	44	4.338 (110.19)	4.028 (102.31)	3.742 (95.05)	3.596 (91.34)	3.276 (83.21)			
25	50	4.806 (122.07)	4.496 (114.20)	4.210 (106.93)	4.064 (103.23)	3.744 (95.10)			
26	52	4.962 (126.03)	4.652 (118.16)	4.366 (110.90)	4.220 (107.19)	3.900 (99.06)			
28	56	5.274 (133.96)	4.964 (126.09)	4.678 (118.82)	4.532 (115.11)	4.212 (106.98)			
31	62	5.742 (145.85)	5.432 (137.97)	5.146 (130.71)	5.000 (127.00)	4.680 (118.87)			
33	66	6.054 (153.77)	5.744 (145.90)	5.458 (138.63)	5.312 (134.92)	4.992 (126.80)			
36	72	6.522 (165.66)	6.212 (157.78)	5.926 (150.52)	5.780 (146.81)	5.460 (138.68)			
43	86	7.614 (193.40)	7.304 (185.52)	7.018 (178.26)	6.872 (174.55)	6.552 (166.42)			

Dimensions of Other Connector Sizes are Listed on Page 84