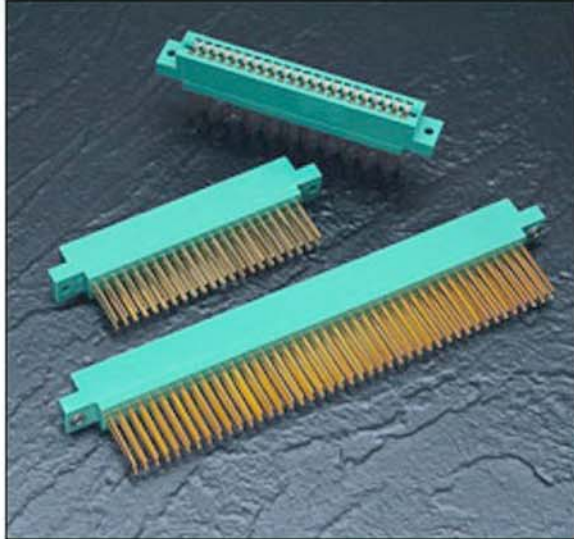




SERIES 317



FEATURES

- .156 (3.96) Contact Spacing x .200 (5.08) Row Spacing
- Accepts .062 (1.57) Nominal Thickness P.C. Board
- High Profile Insulator Body, .720 (18.29)
- Contact Termination .045 (1.14) Square Wire Wrap
- Single or Dual Row Configurations
- Large Variety of Mounting Options
- Pre-assembled Card Guides Available
- Accepts Between Contact and In-Contact Polarizing Keys

SPECIFICATIONS

- Insulator Material: Diallyl Phthalate, UL 94V-0.
- Colour: Green
- Contact Material: Phosphor Bronze Alloy CA-510
- Contact Plating: Gold over Nickel for Entire Contact
- Current Rating: 5 Amperes Continuous
- Contact Resistance: 10 Milliohms Maximum
- Dielectric Withstanding Voltage: 1800 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 (.28 N) Minimum per Contact Pair when Tested with a .054 (1.37) Thick Gauge

Example Part Number 317 - 072 - 542 - 8 08

Series _____
Total Number of Contacts _____
Contact Code _____
Contact Rows _____
Mounting Options _____

Series 317

Total Number of Contacts	Description
006, 007, ... 043	Single Row
012, 014, ... 086	Dual Row

Contact Code	Description & Tail Size	Tail Length "G"
<i>Single Row Contact - Read One Side of Daughter Board</i>		
542 Wire Wrap	.045 Square (1.14 Square)	.750 (19.05)
<i>Single Row Contacts - Read Both Sides of Daughter Board</i>		
541 Wire Wrap	.045 Square (1.14 Square)	.750 (19.05)
<i>Dual Row Contacts</i>		
540 Wire Wrap	.045 Square (1.14 Square)	.750 (19.05)
542 Wire Wrap	.045 Square (1.14 Square)	.750 (19.05)

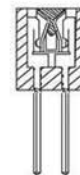
Contact Rows	Description
6	Single Row
8	Dual Row

Mounting Options	Description
01	No Mounting Lugs
02	.144 (3.66) 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
78	In-Line Card Guides

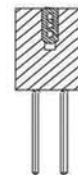
Ordering Code Notes

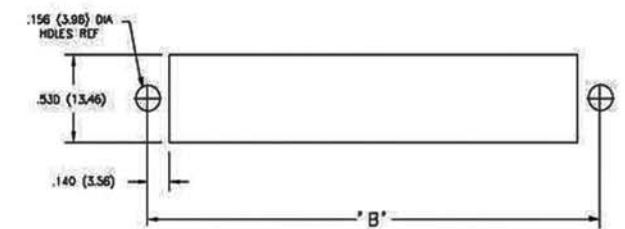
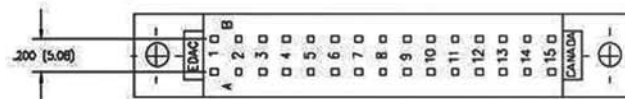
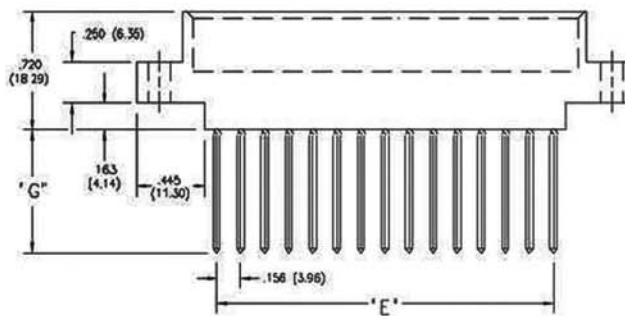
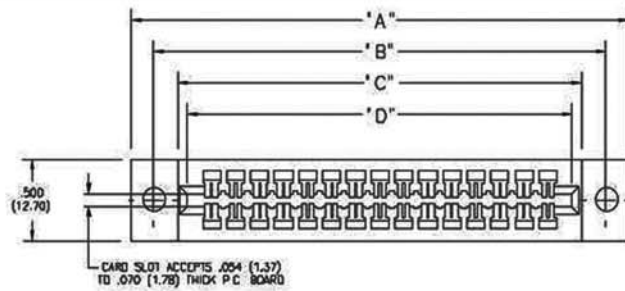
All Connector sizes up to 43 contacts single row / 86 contacts dual row are available upon request

IN-CONTACT
POLARIZING KEY
P/N 321-240-328

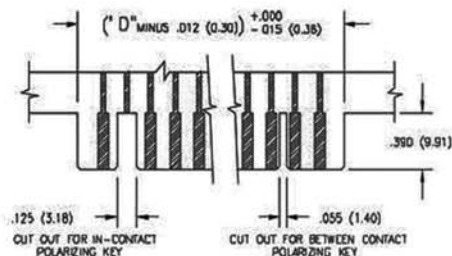
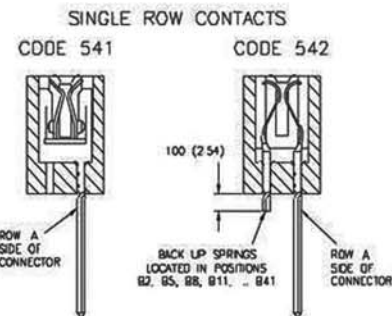
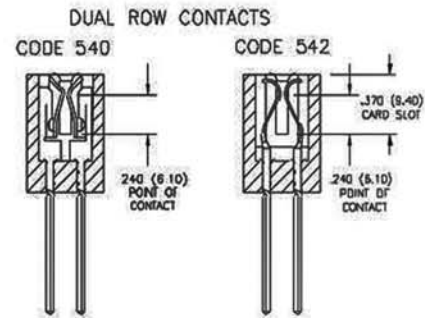


BETWEEN CONTACT
POLARIZING KEY
P/N 306-240-316





CONNECTOR MOUNTING PATTERN
PANEL MOUNT CUT OUT



RECOMMENDED DAUGHTER BOARD

NUMBER OF CONTACTS		"A"		"B"		"C"		"D"		"E"	
Single	Dual	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)
6	12	1.830	(46.48)	1.539	(39.09)	1.220	(30.99)	1.100	(27.94)	.780	(19.81)
10	20	2.454	(62.33)	2.163	(54.94)	1.844	(46.84)	1.724	(43.79)	1.404	(35.66)
15	30	3.234	(82.14)	2.943	(74.75)	2.624	(66.65)	2.504	(63.60)	2.184	(55.47)
18	36	3.702	(94.03)	3.411	(86.64)	3.092	(78.54)	2.972	(75.49)	2.652	(67.36)
22	44	4.326	(109.88)	4.035	(102.49)	3.716	(94.39)	3.596	(91.34)	3.276	(83.21)
25	50	4.794	(121.77)	4.503	(114.38)	4.184	(106.27)	4.064	(103.23)	3.744	(95.10)
28	56	5.262	(133.65)	4.971	(126.26)	4.652	(118.16)	4.532	(115.11)	4.212	(106.98)
30	60	5.574	(141.58)	5.283	(134.19)	4.964	(126.09)	4.844	(123.04)	4.524	(114.91)
36	72	6.510	(165.35)	6.219	(157.96)	5.900	(149.86)	5.780	(146.81)	5.460	(138.68)
43	86	7.602	(193.09)	7.311	(185.70)	6.992	(177.60)	6.872	(174.55)	6.552	(166.42)

Dimensions of Other Connector Sizes are Listed

CODE x01 - NO MOUNTING LUGS

● Applicable for 303, 305, 306, 307, 310, 315, 316, 317, 321, 325, 327, 333, 336, 337, 338, 340, 341, 342, 345, 346, 355, 356, 357, 379, 384, 387, 391, 392, 395 and 396 Series

CODE x02, x04 & x09 - THROUGH MOUNTING HOLES

Applicable Series	Code x02 "A" Dia.	Code x04 "A" Dia.	Code x09 "A" Dia.
305, 306, 307, 310, 315, 316, 321, 333, 337, 338, 340, 341, 345, 346, 355, 356, 357, 379, 384, 387, 391, 395, 396	.128 (3.25)	.156 (3.96)	—
317, 323	.144 (3.66)	.156 (3.96)	—
325	—	—	.160 (4.06)
327	—	—	.163 (4.14)
342, 392	.128 (3.25) x .146 (3.71) Slot	.156 (3.96)	—

CODE x03 - FLOATING EYELETS

Applicable Series	"A"
305, 306, 307, 310, 315, 316, 317, 321, 323, 333, 337, 338, 341, 345, 346, 355, 356, 357, 379, 384, 387, 391, 395, 396	.328 (8.33)
342, 392	.348 (8.84)

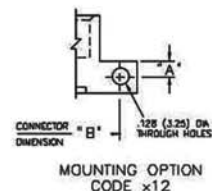
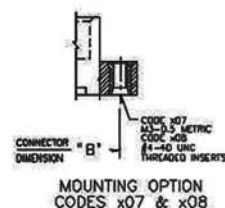
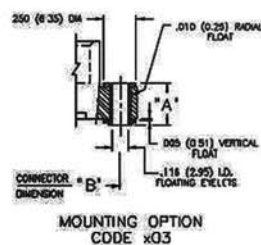
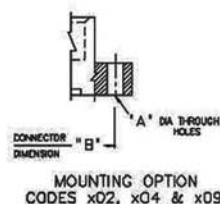
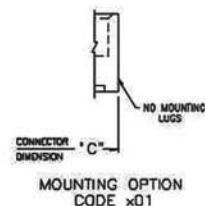
CODE x07 & x08 - THREADED INSERTS

● Applicable for 305, 306, 307, 310, 315, 316, 317, 321, 323, 325, 333, 337, 338, 341, 342, 345, 346, 356, 357, 379, 384, 387, 391, 392, 395 and 396 Series
● See Code x12 for Side Mounting Threaded Inserts

CODE x12 - SIDE MOUNTING HOLES

Applicable Series	"A"
307, 333, 337, 345, 346, 357, 387, 395, 396	.125 (3.18)
342, 392	.135 (3.43)

● Series Listed Above based on Availability of 90 Degree Bend Contact Tails.
Side Mounting Holes may also be Used for Other Card Edge Connectors with a Lug Height of .250 (6.35) or Greater.
● For Side Mounting with Threaded Inserts, Specify Code x17 for M3-0.5 Metric Threads or Code x18 for #4-40 Unified Threads.



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