SERIES 341/391

FEATURES

UL Recognized

.100 (2.54) Contact Spacing x .140 (3.56) Row Spacing

Accepts .062 (1.57) Nominal Thickness P.C. Board

Low Profile Insulator Body .437 (11.10)

Contact Termination Options include P.C Tail, Wire Wrap and Extender Board Bends

Single or Dual Row Configurations

Variety of Mounting Options

Accepts Between Contact &In-Contact Polarizing Keys

SPECIFICATIONS

Insulator Material: Thermoplastic Polyester, UL 94V-0.

Contact Material: Copper, Nickel, Tin Alloy CA-725

Contact Plating: Gold on the Mating Area, Tin 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 +105 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 341 - 062 - 520 - 2 02

Series
Total Number of Contacts
Contact Code
Contact Rows
Mounting Options

Series	Insulator Colour
341	Green
391	Black

Total Number of Contacts	Contact Rows
005, 006, ..., 060	Single Row
010, 012, ..., 120	Dual Row

Contact Code		Description & Tail Size	Tail Length "G"
500	Wire Hole	.050 x .013 (1.27 x 0.33)	.220 (5.59)
520	P.C. Tail	.025 x .13 (0.64 x 0.33)	.125 (3.18)
521	P.C. Tail	.025 x .13 (0.64 x 0.33)	.260 (6.60)
522	P.C. Tail	.025 x .13 (0.64 x 0.33)	.375 (9.53)
524	P.C. Tail	.025 x .13 (0.64 x 0.33)	.100 (2.54)
555	Extender Board Bend (Code 500 Contacts)		
556	Extender Board Bend (Code 521 Contacts)		
560	Extender Board Bend (Code 522 Contacts)		

Contact Rows	Description
1	Single Row
2	Dual Row

Mounting Options	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

Ordering Code Notes

1) All connector sizes up to 60 contacts single row / 120 contacts dual row are available upon request

Phone: (416) - 754 - 3322 Fax: (416) - 754 - 3299 Email: CustomerService@edac.net Website: www.edac.net

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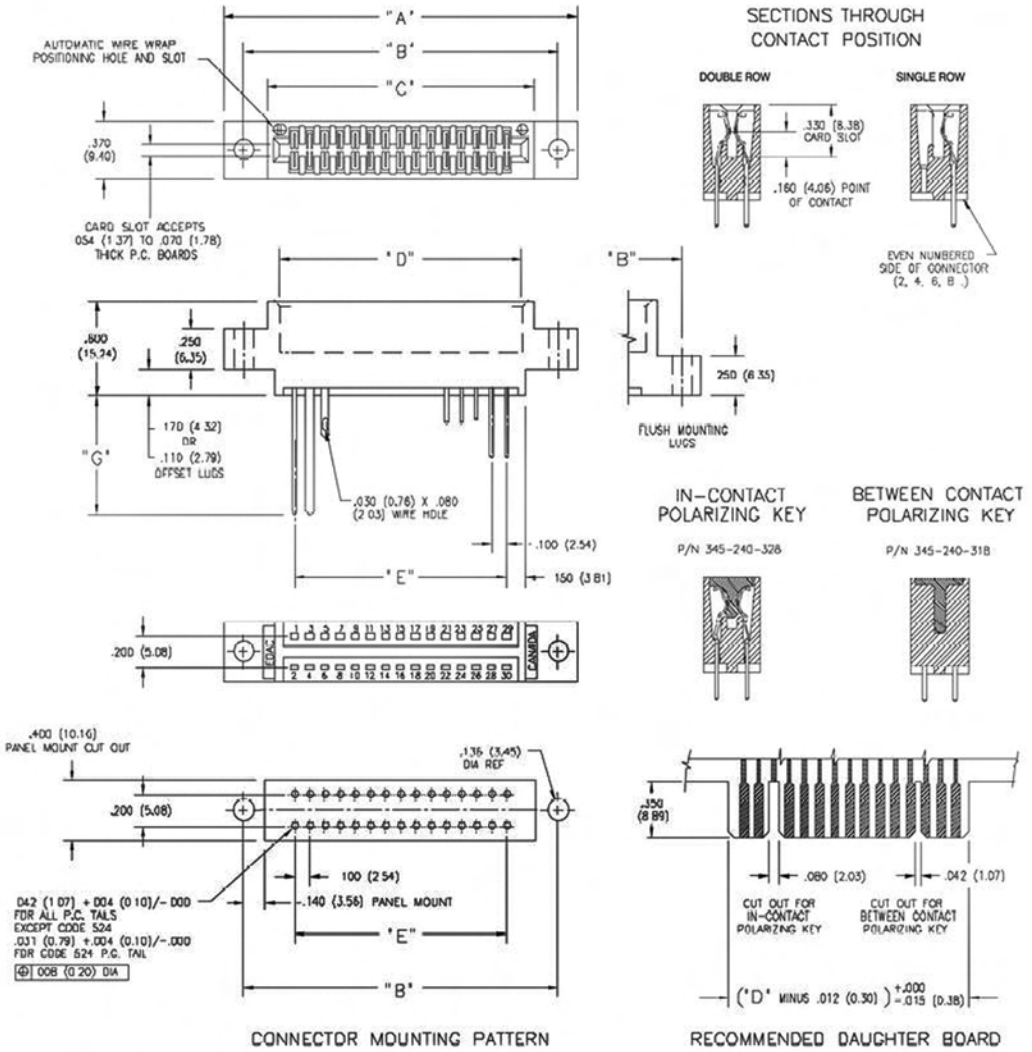

CONNECTOR MOUNTING PATTERN

RECOMMENDED DAUGHTER BOARD

NUMBER OF CONTACTS		"A"		"B"		"C"		"D"		"E"	
Single	Dual	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)
5	10	1.335	(33.91)	1.075	(27.31)	.760	(19.30)	.600	(15.24)	.400	(10.16)
10	20	1.835	(46.61)	1.575	(40.01)	1.200	(32.00)	1.100	(27.94)	.900	(22.00)
13	26	2.135	(54.23)	1.875	(47.63)	1.560	(39.62)	1.400	(35.56)	1.200	(30.48)
15	30	2.335	(59.31)	2.075	(52.71)	1.760	(44.70)	1.600	(40.64)	1.400	(35.56)
18	36	2.635	(66.93)	2.375	(60.33)	2.060	(52.32)	1.900	(48.26)	1.700	(43.18)
22	44	3.035	(77.09)	2.775	(70.49)	2.460	(62.48)	2.300	(58.42)	2.100	(53.34)
25	50	3.335	(84.71)	3.075	(78.11)	2.760	(70.10)	2.600	(66.04)	2.400	(60.96)
30	60	3.835	(97.41)	3.575	(90.81)	3.260	(82.80)	3.100	(78.74)	2.900	(73.66)
31	62	3.935	(99.95)	3.675	(93.35)	3.360	(85.34)	3.200	(81.28)	3.000	(76.20)
36	72	4.435	(112.65)	4.175	(106.05)	3.860	(98.04)	3.700	(93.98)	3.500	(88.90)
43	86	5.135	(130.43)	4.875	(123.83)	4.560	(115.82)	4.400	(111.76)	4.200	(106.68)
50	100	5.835	(148.21)	5.575	(141.61)	5.260	(133.60)	5.100	(129.54)	4.900	(124.46)
60	120	6.835	(173.61)	6.575	(167.01)	6.260	(159.00)	6.100	(154.94)	5.900	(149.86)
72	144	8.035	(204.09)	7.775	(197.49)	7.460	(189.48)	7.300	(185.42)	7.100	(180.34)

Dimensions of Other Connector Sizes are Listed

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