

SERIES 307/357



FEATURES

UL Recognized

.156 (3.96) Contact Spacing x .200 (5.08) Row Spacing Accepts .062 (1.57) Nominal Thickness P.C. Board Low Profile Insulator Body .437 (12.01)

Contact Termination Options include P.C Tail, Wire Hole, Wire Wrap, 90 Degree & Extender Board Bends Single or Dual Row Configurations

Large Variety of Mounting Options Pre-assembled Card Guides Available

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: 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 +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

Ordering Code Notes

- 1. All connector sizes up to 44 contacts single row / 88 contacts dual row are available upon request
- 2. For contacts with overall tin plating, change the first digit of the contact code from 5 to 4
- 3. Single row contacts that read both sides of the daughter board are phosphor bronze CA-510 material with entire surface plated gold over nickel

Conta	act Code act Rows nting Options							
Serie 307 357	es	Insulator Colour Green Black						
	Number of Co	ntacts	Contact Rows					
	014,, 188		Dual Row					
Cont	act Code	Description & Tail Size	Tail Length "G"					
		- Read One Side of Daught	-					
505	Wire Hole	.087 x .013 (2.21 x 0.33)						
525	P.C. Tail	.046 x .013 (1.17 x 0.33)						
527	P.C. Tail	.046 x .013 (1.17 x 0.33)						
531	P.C. Tail	.023 x .013 (0.58 x 0.33)						
545	Wire Wrap	.046 x .013 (1.17 x 0.33)						
547	Wire Wrap	.046 x .013 (1.17 x 0.33)						
558		nd (Code 545 Contacts)	.020(10.21)					
559		nd (Code 527 Contacts)						
		- Read Both Sides of Daug	hter Board					
501	Wire Hole	.089 x .014 (2.29 x 0.36)						
521	P.C. Tail	.046 x .014 (1.17 x 0.36)						
541	Wire Wrap	.046 x .014 (1.17 x 0.36)						
553		nd (Code 521 Contacts)	.455(12.57)					
554		nd (Code 521 Contacts)						
557		nd (Code 541 Contacts)						
		Read Both Sides of Daught	er Board					
500	Wire Hole	.087 x .013 (2.21 x 0.33)						
520	P.C. Tail	.046 x .013 (1.17 x 0.33)						
522	P.C. Tail	.046 x .013 (1.17 x 0.33)						
524	P.C. Tail	.023 x .013 (0.58 x 0.33						
540	Wire Wrap	.046 x .013 (1.17 x 0.33						
542	Wire Wrap	.046 x .013 (1.17 x 0.33)						
555		rd Bend (Code 500 Contacts						
556		d Bend (Code 520 Contacts	•					
558		nd (Code 522 and 540 Con	•					
559	90 Degree Bend (Code 522 and 540 Contacts)							
560		rd Bend (Code 522 Contact						
Cont	act Rows		Description					
1			Single Row					
2			Dual Row					
Mou	nting Options		Description					
01			No Mounting Lugs					
02		.12	8 (3.25) Dia. Mounting Holes					
03			6 (2.95) I.D. Floating Eyelets					
04			6 (3.96) Dia. Mounting Holes					
07			O E Matria Threaded Incerts					

M3-0.5 Metric Threaded Inserts

#4-40 Unified Threaded Inserts

.468 (11.89) Offset Card Guides

.344 (8.74) Offset Card Guides

In-Line Card Guides

.128 (3.25) Dia. Side Mounting Holes

Example Part Number 307 - 044 - 520 - 2 02

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

07

08

12

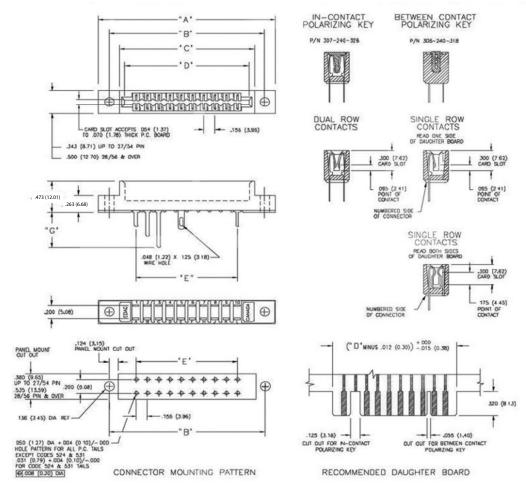
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68

78



SERIES 307/357



NUMBER OF CONTACTS		"A"		"B"		"C"		"D"		"E"	
Single	Dual	Inch	(mm)								
6	12	1.842	(46.79)	1.532	(38.91)	1.246	(31.65)	1.100	(27.94)	.780	(19.81)
8	16	2.154	(54.71)	1.844	(46.84)	1.558	(39.57)	1,412	(35.86)	1.092	(27.74
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)
20	40	4.026	(102.26)	3.716	(94.39)	3.430	(87.12)	3.284	(83.41)	2.964	(75.29
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)
28	56	5.274	(133.96)	4.964	(126.09)	4.678	(118.82)	4.532	(115.11)	4.212	(106.98)
30	60	5.586	(141.88)	5.276	(134.01)	4.990	(126.75)	4.844	(123.04)	4.524	(114.91)
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)
44	88	7.770	(197.36)	7.460	(189.48)	7.174	(182.22)	7.028	(178.51)	6.708	(170.38)

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