



FEATURES

UL Recognized

.156 (3.96) Contact Spacing x .140 (3.56) Row Spacing Accepts .062 (1.57) Nominal Thickness P.C. Board Low Profile Insulator Body, .460 (11.68)

Contact Termination Options include P.C. Tail, Wire Hole & Extender Board Bends

Large Variety of Mounting Options

Pre-assembled Card Guides Available

Accepts Between Contact and 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

SERIES 305/315/355

Series					
Total Numb	er of Contacts				
Contact Cod	de				
Insulator St	yle				
Mounting O	ptions				
Series	Insulator Colour	Card Slot Leng	jth		
305	Green	Standard Length per MIL-C-21097 .020 (0.51) Shorter than Standard			
315	Green				
355	Black	Standard Length per MIL-C-21097			
Total Numb	er of Contacts	Contact Ro	ws		
012, 014,	., 086	Dual R	ow		
Contact Code Description &		Tail Size Tail Length "	G"		
500 Wire Hole 087 v 013 (2		21 v 0 33) 282/7	16\		

Example Part Number 305 - 056 - 521 - 2 04

Cont	act Code	Description & Tail Size	Tail Length "G"
500	Wire Hole	.087 x .013 (2.21 x 0.33)	.282(7.16)
520	P.C. Tail	.046 x .013 (1.17 x 0.33)	.213(5.41)
521	P.C. Tail	.046 x .013 (1.17 x 0.33)	.125(3.18)
555	Extender Boa	ard Bend (Code 500 Contacts)	, ,
556	Extender Boa	ard Bend (Code 520 Contacts)	
Insul	ator Style		Description

2	.295 (7.49) Card Slot Depth
5	.330 (8.38) Card Slot Depth
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
58	.468 (11.89) Offset Card Guides
68	.344 (8.74) Offset Card Guides
78	In-Line Card Guides

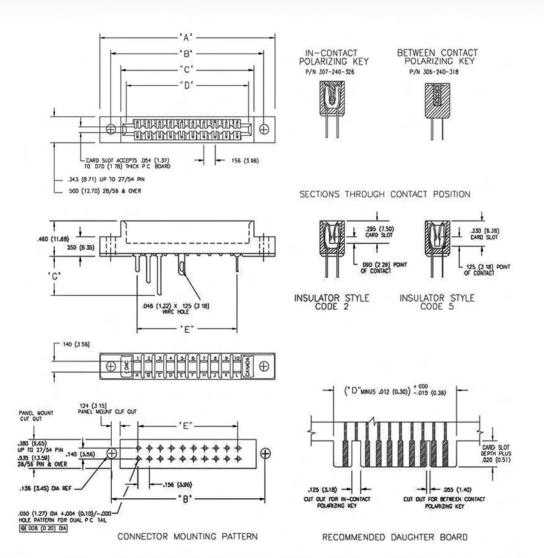
Ordering Code Notes

- 1) All connector sizes up to 86 contacts dual row are available upon request
- 2) Consult with EDAC regarding single row configuration and wire wrap tail options
- 3) Insulator style code 5 is available for the 305 and 355 series upon request

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



SERIES 305/315/355



NUMBER OF	"A"	"B"	"C"	"D"		"E"
CONTACTS				305, 355	315	
Dual	Inch (mm)					
12	1.842 (46.79)	1.532 (38.91)	1.246 (31.65)	1.100 (27.94)	1.080 (27.43)	.780 (19.81)
20	2.466 (62.64)	2.156 (54.76)	1.870 (47.50)	1.724 (43.79)	1.704 (43.28)	1.404 (35.66)
24	2.778 (70.56)	2.468 (62.69)	2.182 (55.42)	2.036 (51.71)	2.016 (51.21)	1.716 (43.59)
30	3.246 (82.45)	2.936 (74.57)	2.650 (67.31)	2.504 (63.60)	2.484 (63.09)	2.184 (55.47)
36	3.714 (94.34)	3.404 (86.46)	3.118 (79.20)	2.972 (75.49)	2.952 (74.98)	2.652 (67.36)
44	4.338 (110.19)	4.028 (102.31)	3.742 (95.05)	3.596 (91.34)	3.576 (90.83)	3.276 (83.21)
48	4.650 (118.11)	4.340 (110.24)	4.054 (102.97)	3.908 (99.26)	3.888 (98.76)	3.588 (91.14)
50	4.806 (122.07)	4.496 (114.20)	4.210 (106.93)	4.064 (103.23)	4.044 (102.72)	3.744 (95.10)
56	5.274 (133.96)	4.964 (126.09)	4.678 (118.82)	4.532 (115.11)	4.512 (114.60)	4.212 (106.98)
60	5.586 (141.88)	5.276 (134.01)	4.990 (126.75)	4.844 (123.04)	4.824 (122.53)	4.524 (114.91)
72	6.522 (165.66)	6.212 (157.78)	5.926 (150.52)	5.780 (146.81)	5.760 (146.30)	5.460 (138.68)
86	7.614 (193.40)	7.304 (185.52)	7.018 (178.26)	6.872 (174.55)	6.852 (174.04)	6.552 (166.42)