

SERIES 322



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

- 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
- Single row contacts that read both sides of the daughter board are phosphor bronze CA-510 material with entire surface plated gold over nickel

Example Part Number 322 - 044 - 50	0 - 2 58
Series	
Total Number of Contacts	
Contact Code	
Contact Rows	
Mounting Options	

Series

307

Tota	Number of Co	ntacts	Contact Rows
022			Single Row
044			Dual Row
Cont	act Code	Description & Tail Size	Tail Length "G"
Singl	e Row Contacts	- Read One Side of Daughter Board	
505	Wire Hole	.087 x .013 (2.21 x 0.33)	.282 (7.16)
525	P.C. Tail	.046 x .013 (1.17 x 0.33)	.213 (5.41)
527	P.C. Tail	.046 x .013 (1.17 x 0.33)	.358 (9.09)
531	P.C. Tail	.023 x .013 (0.58 x 0.33)	.213 (5.41)
545	Wire Wrap	.046 x .013 (1.17 x 0.33)	.708(17.98)
547	Wire Wrap	.046 x .013 (1.17 x 0.33)	.520(13.21)
558	90 Degree Be	nd (Code 545 Contacts)	
559	90 Degree Be	nd (Code 527 Contacts)	
Singl	e Row Contacts	- Read Both Sides of Daughter Boar	rd
501	Wire Hole	.089 x .014 (2.29 x 0.36)	.213 (5.41)
521	P.C. Tail	.046 x .014 (1.17 x 0.36)	.213 (5.41)
541	Wire Wrap	.046 x .014 (1.17 x 0.36)	.495(12.57)
553	90 Degree Be	nd (Code 521 Contacts)	
554	90 Degree Be	nd (Code 501 Contacts)	
557	90 Degree Be	nd (Code 541 Contacts)	
Dual	Row Contacts -	Read Both Sides of Daughter Board	
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)
522	P.C. Tail	.046 x .013 (1.17 x 0.33)	.358 (9.09)
524	P.C. Tail	.023 x .013 (0.58 x 0.33)	.213 (5.41)
540	Wire Wrap	.046 x .013 (1.17 x 0.33)	.708(17.98)
542	Wire Wrap	.046 x .013 (1.17 x 0.33)	.520(13.21)
555	Extender Boar	rd Bend (Code 500 Contacts)	
556	Extender Boar	rd Bend (Code 520 Contacts)	
558	90 Degree Be	nd (Code 522 and 540 Contacts)	
559	90 Degree Be	nd (Code 522 and 540 Contacts)	
560	Extender Boar	rd Bend (Code 522 Contacts)	

2	Dual Row, Grey Polycarbonate	
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	
12	.128 (3.25) Dia. Side Mounting Holes	
58	.468 (11.89) Offset Card Guides	
68	.344 (8.74) Offset Card Guides	
78	In-Line Card Guides	

Description

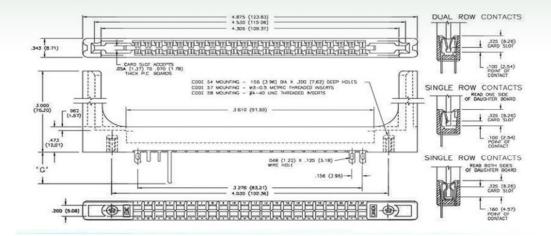
Single Row, Grey Polycarbonate

Contact Rows and Insulator Material

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

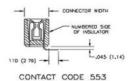


SERIES 322



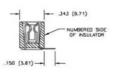
CONTACT CODE 553 - 90 DEGREE BEND

- Applicable for 307, 322 and 357 Series
 For 307 and 357 Series with .500 (12.70) Connector Width, Longer Contacts are Used and Cut to Length Indicated



CONTACT CODE 554 - 90 DEGREE BEND

- Applicable for 307, 322 and 357 Series
 This Bend is Not Recommended for 307 and 357 Series with .500 (12.70)
 Connector Width

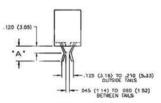


CONTACT CODE 554

CONTACT CODE 555 - EXTENDER BOARD BEND

Applicable Series	"A"
305, 307, 310, 315, 322, 355, 357	.265 (6.73)
333, 337, 340, 345, 346, 379, 387, 395, 395-AT, 396	.245 (6.22)
341, 391	.205 (5.21)
342, 392	.255 (6.48)

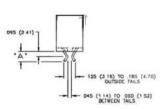
For Contact Bend to Accept .125 (3.18) Thick Extender Board, Specify Contact Code 552



CONTACT CODE 555

CONTACT CODE 556 - EXTENDER BOARD BEND

Applicable Series	"A"
305, 307, 310, 315, 322, 355, 357	.195 (4.95)
333, 337, 340, 345, 346, 379, 387, 395, 395-AT, 396	.170 (4.32)
341, 391	.235 (5.97)
342, 392	.180 (4.57)



CONTACT CODE 556