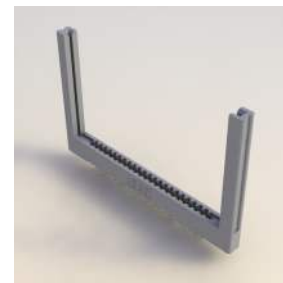


## Card Edge Connectors 0.156" (3.96mm) Pitch

### Features:

- 0.156" (3.96mm) contact spacing x 0.200" (5.08mm) row spacing
- Accepts 0.062" (1.57mm) nominal thickness P.C. board
- Low profile insulator body, 0.473" (12.01mm) with card guides
- Contact termination options include P.C. tail, wire hole, wire wrap, 90 degree and extender board bends
- Single or dual row configurations
- Variety of mounting options
- Accepts between contact and in-contact polarizing keys
- RoHS Compliant



### Specifications:

Insulator Material	Grey polycarbonate, Glass reinforced
Contact Material	Copper Alloy
Contact Plating	Gold plating on mating area, Tin plating on tails with nickel underplating all over
Current Rating	5 amps
Contact Resistance	10 milliohms maximum
Dielectric Withstanding Voltage	1800 V AC rms at sea level between adjacent contacts
Insulation Resistance	5000 megaohms minimum
Operating Temperature	-40°C to +105°C
Insertion Force	16 oz (4.45 N) maximum per contact pair when tested with .070" (1.78mm) thick gauge
Withdrawal Force	1 oz (0.28 N) minimum per contact pair when tested with .054" (1.37mm) thick gauge

EXAMPLE PART NUMBER **322-044-500-258**



<b>Series:</b>	322
<b>Total Number of Contacts:</b>	044
<b>Contact Rows:</b>	2
<b>Mounting Options:</b>	58
<b>Contact Rows:</b>	1
<b>Contact Rows:</b>	2
<b>Insulator Material:</b>	Grey Polycarbonate
<b>Insulator Material:</b>	Grey Polycarbonate
<b>Description:</b>	Single Row
<b>Description:</b>	Double Row
<b>Description:</b>	∅.156" (∅3.96mm) x .300" (7.62mm) Deep Holes
<b>Description:</b>	M3-0.5 Metric Threaded Inserts
<b>Description:</b>	#4-40 Unified Threaded Inserts

Contact Code:	Tail Description:	Tail Size:	Tail Length "G":
<b>Single Row Contacts - Read One Side of Daughter Board</b>			
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 BEND (CODE 545 CONTACTS)		
559	90 DEGREE BEND (CODE 527 CONTACTS)		
<b>Single Row Contacts - Read Both Sides of Daughter Board</b>			
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 BEND (CODE 521 CONTACTS)		
554	90 DEGREE BEND (CODE 501 CONTACTS)		
557	90 DEGREE BEND (CODE 541 CONTACTS)		
<b>Dual Row Contacts - Read Both Sides of Daughter Board</b>			
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	.062 EXTENDER BOARD BEND (CODE 500 CONTACTS)		
556	.062 EXTENDER BOARD BEND (CODE 520 CONTACTS)		
558	90 DEGREE BEND (CODE 522 AND 540 CONTACTS)		
559	90 DEGREE BEND (CODE 522 AND 540 CONTACTS)		
560	.062 EXTENDER BOARD BEND (CODE 522 CONTACTS)		

# 322 SERIES

## Card Edge Connectors 0.156" (3.96mm) Pitch

