

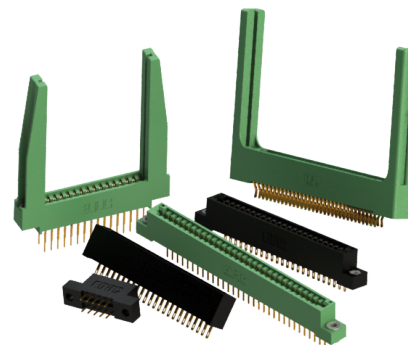
346/396 SERIES



Card Edge Connectors 0.125" (3.18mm) Pitch

Features

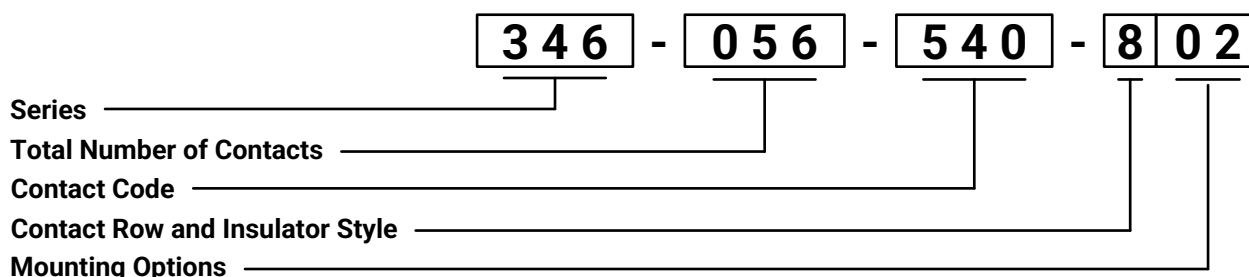
- 0.125" (3.18mm) contact spacing x 0.250" (6.35mm) row spacing
- Accepts 0.062" (1.57mm) nominal thickness P.C. board
- High profile insulator body, 0.600" (15.24mm)
- Wire hole, P.C. tail, wire wrap, 90 degree bends and extender board bends termination types
- Single or dual row configurations
- Large variety of mounting options, flush or offset lugs
- Accepts between contact and in-contact polarizing keys
- Pre-assembled card guides are available
- Automatic wire wrap positioning holes
- RoHS Compliant
- UL Certified



Specifications

Insulator Material	Diallyl Phthalate (346 Series), Thermoplastic (396 Series), UL 94V-0
Contact Material	Copper Alloy
Contact Plating	Gold plating on contact area, Tin plating on tail area
Current Rating	3 Amps
Contact Resistance	10 Milliohms maximum
Dielectric Withstanding Voltage	1500 VAC 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



*** Please see next page for options

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Series	Description		
346	Diallyl Phthalate, Green		
396	Thermoplastic, Black		
Total Number of Contacts	Description		
005 - 050	Single Row (Note 1)		
010 - 100	Double Row (Even Numbers Only) (Note 1)		
Contact Code	Description	Tail Size	Tail Length (G)
500 (Note 2)	Wire Hole	.050 x .025 (1.27 x 0.64)	.260 (6.60)
520	P.C.Tail	.025 Square (0.64 Square)	.175 (4.45)
521	P.C.Tail	.025 Square (0.64 Square)	.150 (3.81)
522	P.C.Tail	.025 Square (0.64 Square)	.440 (11.18)
526	P.C.Tail	.025 Square (0.64 Square)	.350 (8.89)
540	Wire Wrap	.025 Square (0.64 Square)	.560 (14.22)
541	Wire Wrap	.025 Square (0.64 Square)	.750 (19.05)
555	Extender Board Bend	.050 x .025 (1.27 x 0.64)	See Page 4
556	Extender Board Bend	.025 Square (0.64 Square)	See Page 4
558	90 Degree Bend	.025 Square (0.64 Square)	See Page 4
559	90 Degree Bend	.025 Square (0.64 Square)	See Page 4
560	Extender Board Bend	.025 Square (0.64 Square)	See Page 4
Contact Rows and Insulator Style	Description		
1	Single Row Flush Mounting Lugs (Note 3)		
2	Double Row Flush Mounting Lugs (Note 3)		
6	Single Row .170 (4.32) Offset Lugs (Note 4)		
8	Double Row .170 (4.32) Offset Lugs (Note 4)		
Mounting Options	Description		
01	No Mounting Lug (Note 3)		
02	Ø.128" (Ø3.25mm) Mounting Holes		
03	Ø.116" (Ø2.95mm) I.D. Floating Eyelets		
04	Ø.156" (Ø3.96mm) Mounting Holes		
07	M3-0.5 Metric Threaded Inserts		
08	#4-40 Unified Threaded Inserts		
12	Ø.128" (Ø3.25mm) Side Mounting Holes		
58	.468" (11.89mm) Offset Card Guides		
78	In-Line Card Guides 2.750" (69.85mm) Length (Note 4)		
88	In-Line Card Guides 1.250" (31.75mm) Length (Note 4)		

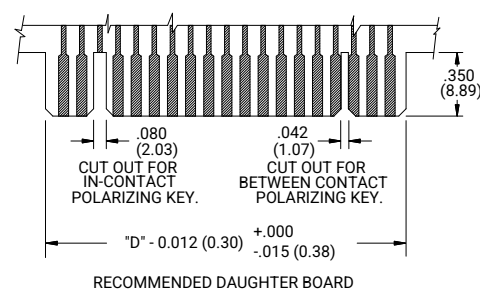
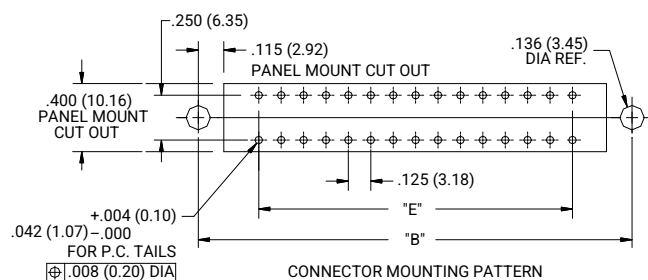
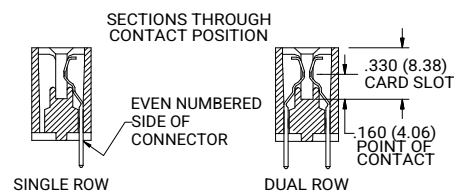
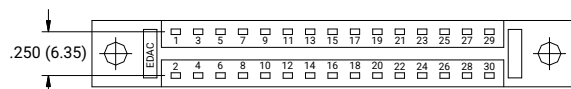
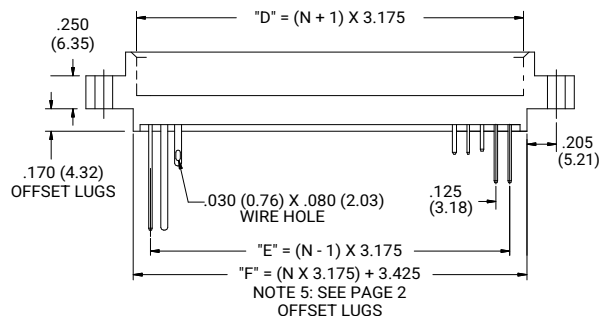
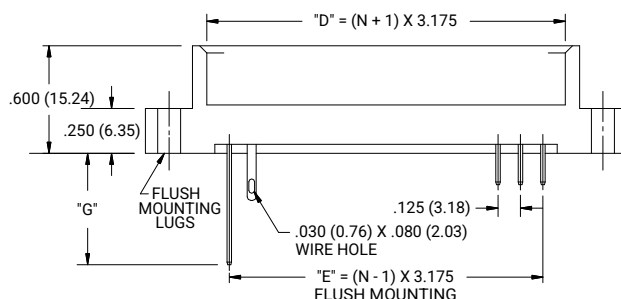
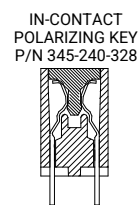
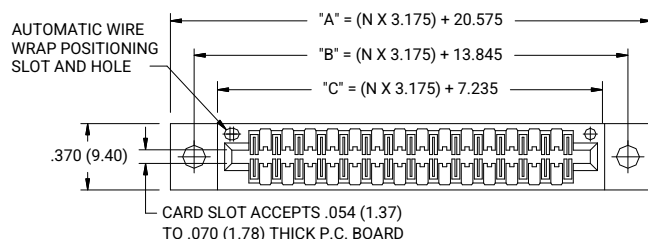
Ordering Notes:

1. All connector sizes up to 50 contacts for single row and up to 100 contacts for double row are available upon request.
2. Contact code 500 wire hole option will be supplied with green DAP material (346 Series) only.
3. For mounting code 01 (no mounting lug), contact row and insulator style 1 or 2 available only.
4. In-line card guides are only available with contact row and insulator style 6 and 8 only.
5. Dimension F applicable to contact row and insulator style 6 and 8 only. See Page 3 for dimensions.
6. Contact support@edacgroup.net for connectors with a 10.67mm (.420") card slot depth.

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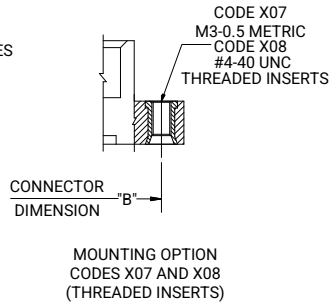
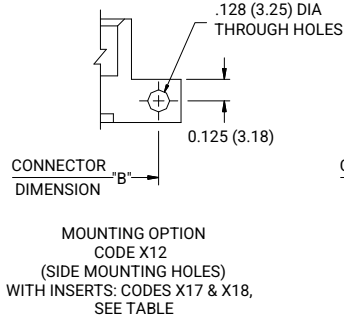
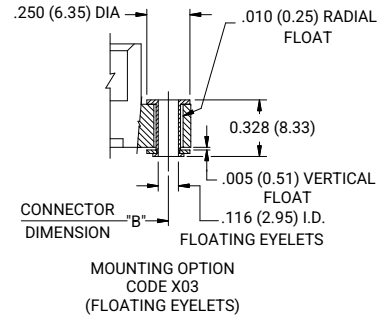
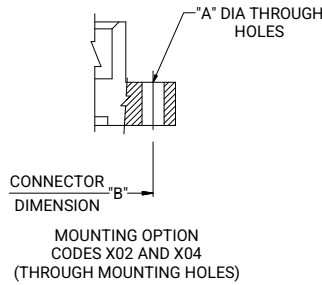
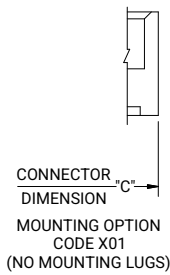


Number of Contacts		Dimension A		Dimension B		Dimension C		Dimension D		Dimension E		Dimension F	
Single	Double	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
5	10	1.435	36.45	1.170	29.72	0.910	23.11	0.750	19.05	0.500	12.70	0.760	19.30
6	12	1.560	39.62	1.295	32.89	1.035	26.29	0.875	22.23	0.625	15.88	0.885	22.48
10	20	2.060	52.32	1.795	45.59	1.535	38.99	1.375	34.93	1.125	28.58	1.385	35.18
15	30	2.685	68.20	2.420	61.47	2.160	54.86	2.000	50.80	1.750	44.45	2.010	51.05
18	36	3.060	77.72	2.795	70.99	2.535	64.39	2.375	60.33	2.125	53.98	2.385	60.58
22	44	3.560	90.42	3.295	83.69	3.035	77.09	2.875	73.03	2.625	66.68	2.885	73.28
25	50	3.935	99.95	3.670	93.22	3.410	86.61	3.250	82.55	3.000	76.20	3.260	82.80
30	60	4.560	115.82	4.295	109.09	4.035	102.49	3.875	98.43	3.625	92.08	3.885	98.68
31	62	4.685	119.00	4.420	112.27	4.160	105.66	4.000	101.60	3.750	95.25	4.010	101.85
35	70	5.185	131.70	4.920	124.97	4.660	118.36	4.500	114.30	4.250	107.95	4.510	114.55
36	72	5.310	134.87	5.045	128.14	4.785	121.54	4.625	117.48	4.375	111.13	4.635	117.73
40	80	5.810	147.57	5.545	140.84	5.285	134.24	5.125	130.18	4.875	123.83	5.135	130.43
43	86	6.185	157.10	5.920	150.37	5.660	143.76	5.500	139.70	5.250	133.25	5.510	139.95
50	100	7.060	179.10	6.795	172.59	6.535	165.99	6.375	161.93	6.125	155.58	6.385	162.18

Note: All connector sizes up to 50 contacts for single row and up to 100 contacts for double row are available upon request.

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THROUGH MTG. HOLES		
	CODE X02	CODE X04
"A" DIA.	0.128 (3.25)	0.156 (3.96)
THREADED INSERTS		
	CODE X07	CODE X08
INSERT	M3-0.5	#4-40 UNC
SIDE MOUNTING HOLES WITH INSERTS		
	CODE X17	CODE X18
INSERT	M3-0.5	#4-40 UNC
IN-LINE CARD GUIDES		
	CODE X78	CODE X88
"A"	2.75 (69.85)	1.25 (31.75)

