

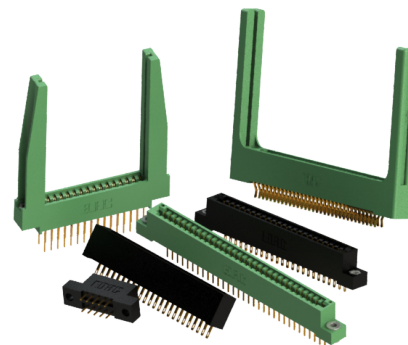
346/396 SERIES



Card Edge Connectors 0.125" (3.175mm) Pitch

Features

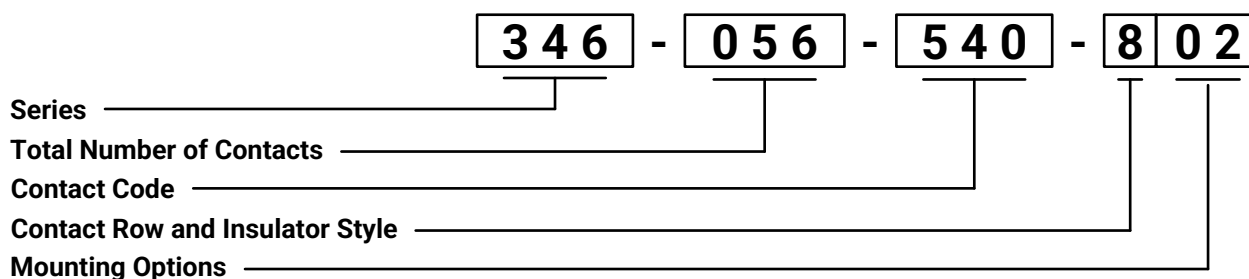
- 0.125" (3.175mm) contact spacing x 0.250" (6.35mm) row spacing
- Accepts 0.062" (1.57mm) nominal thickness P.C. board
- High profile insulator body, 0.600" (15.24mm)
- Contact termination options include wire hole, P.C. tail, wire wrap, 90 degree bends and extender board bends
- Single or dual row 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	UL 94V-0 Thermoplastic Polyester
Contact Material	Copper Alloy
Contact Plating	Selective Gold Plating
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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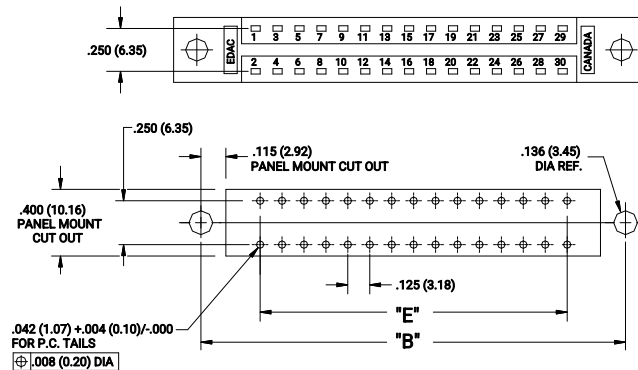
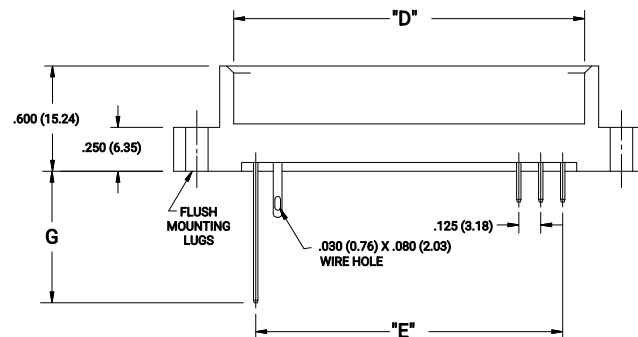
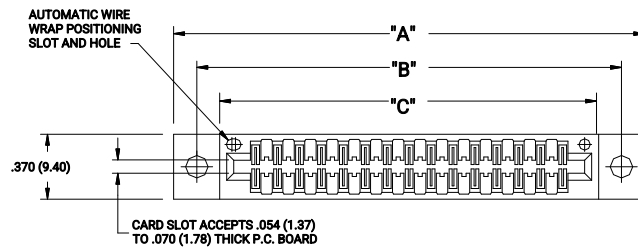
Series	Description		
346	Green		
396	Black		
Total Number of Contacts	Description		
005 - 050	Single Row		
010 - 100	Double Row (Even Numbers Only)		
Contact Code	Description	Tail Size	Tail Length (G)
500	Wire Hole (See Note 2)	.050 x .025 (1.27 x 0.64)	.260 (6.60)
520	P.C.Tail	.025 Square (0.64 Square)	.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 (Code 500 Contacts)		
556	Extender Board Bend (Code 520 Contacts)		
558	90 Degree Bend (Code 541 Contacts)		
559	90 Degree Bend (Code 541 Contacts)		
560	Extender Board Bend (Code 526 Contacts)		
Contact Rows and Insulator Style	Description		
1	Flush Mounting (Single Row Only)		
2	Flush Mounting (Double Row Only)		
6	.170 (4.32) Offset Lugs (Single Row Only)		
8	.170 (4.32) Offset Lugs (Double Row Only)		
Mounting Options	Description		
01	No Mounting Lug (See Note 5)		
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) Long (See Note 6)		
88	In-Line Card Guides 1.250" (31.75mm) Long (See Note 6)		

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. The 500 contact code is only available in the 346 series. Green Dialyl Phthalate insulator material will be supplied.
3. Refer to next pages for details of the extender board and 90 degree bends.
4. Contact support@edac.net for connectors with a 10.67mm (.420") card slot depth.
5. For flush mounting connectors with mounting option 01, specify contact rows and insulator style as 1 or 2 only.
6. In-line card guides are only available with offset mounting lugs.
7. For details of the mounting options refer to page 3.

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CONNECTOR MOUNTING PATTERN

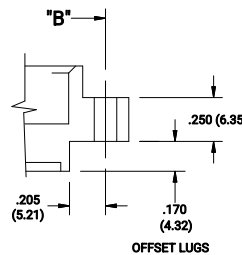
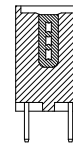
IN-CONTACT
POLARIZING KEY

P/N 345-240-328

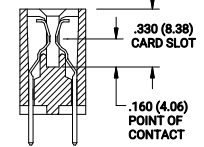


BETWEEN CONTACT
POLARIZING KEY

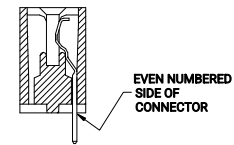
P/N 306-240-318



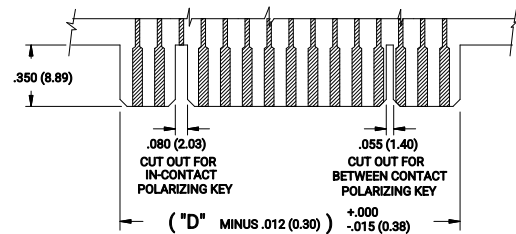
SECTIONS THROUGH
CONTACT POSITION



DUAL ROW



SINGLE ROW



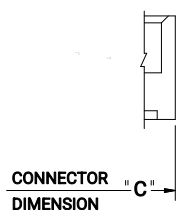
RECOMMENDED DAUGHTER BOARD

Number of Contacts		A		B		C		D		E	
Single	Double	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
6	12	1.560	39.62	1.295	32.89	1.035	26.29	0.875	22.23	0.625	15.88
10	20	2.060	52.32	1.795	45.59	1.535	38.99	1.375	34.93	1.125	28.58
15	30	2.685	68.20	2.420	61.47	2.160	54.86	2.000	50.80	1.750	44.45
18	36	3.060	77.72	2.795	70.99	2.535	64.39	2.375	60.33	2.125	53.98
22	44	3.560	90.42	3.295	83.69	3.035	77.09	2.875	73.03	2.625	66.68
25	50	3.935	99.95	3.670	93.22	3.410	86.61	3.250	82.55	3.000	76.20
30	60	4.560	115.82	4.295	109.09	4.035	102.49	3.875	98.43	3.625	92.08
31	62	4.685	119.00	4.420	112.27	4.160	105.66	4.000	101.60	3.750	95.25
35	70	5.185	131.70	4.920	124.97	4.660	118.36	4.500	114.30	4.250	107.95
36	72	5.310	134.87	5.045	128.14	4.785	121.54	4.625	117.48	4.375	111.13
40	80	5.810	147.57	5.545	140.84	5.285	134.24	5.125	130.18	4.875	123.83
43	86	6.185	157.10	5.920	150.37	5.660	143.76	5.500	139.70	5.250	133.25
50	100	7.060	179.10	6.795	172.59	6.535	165.99	6.375	161.93	6.125	155.58

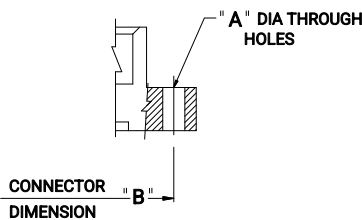
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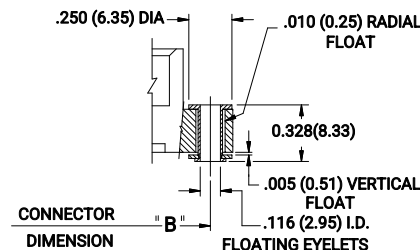
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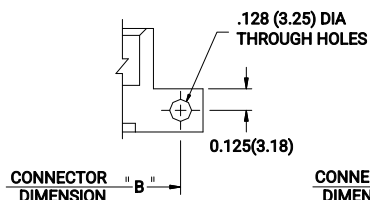
**MOUNTING OPTION
CODE x01
(NO MOUNTING LUGS)**



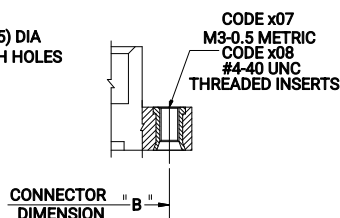
**MOUNTING OPTION
CODES x02 AND x04
(THROUGH MOUNTING HOLES)**



**MOUNTING OPTION
CODE x03
(FLOATING EYELETS)**

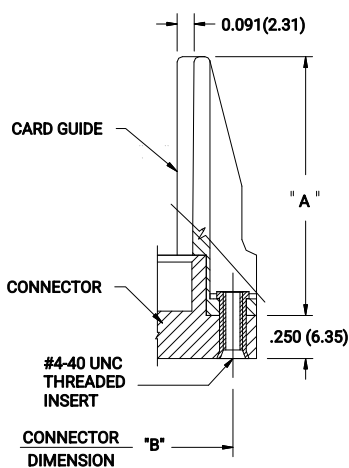


**MOUNTING OPTION
CODE x12
(SIDE MOUNTING HOLES)
WITH INSERTS: CODES x17 & x18,
SEE TABLE**

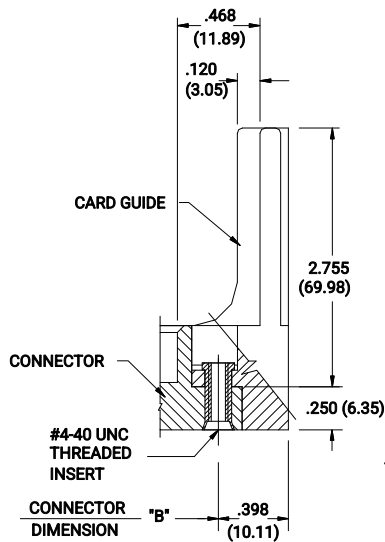


**MOUNTING OPTION
CODES x07 & x08
(THREADED INSERTS)**

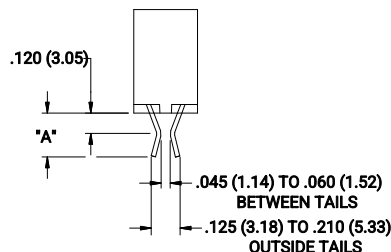
CODE X02 AND X04- THROUGH MTG. HOLES		
	CODE X02	CODE X04
*A" DIA.	0.128(3.25)	0.156(3.96)
CODE X07 AND X08- THREADED INSERTS		
	CODE X07	CODE X08
INSERT	M3-0.5(METRIC)	#4-40 UNC
SIDE MOUNTING HOLES WITH INSERTS		
	CODE x17	CODE x18
INSERT	M3-0.5(METRIC)	#4-40 UNC
CODE X78 - IN-LINE CARD GUIDES		
	CODE X78	
*A"	2.750(69.85)	



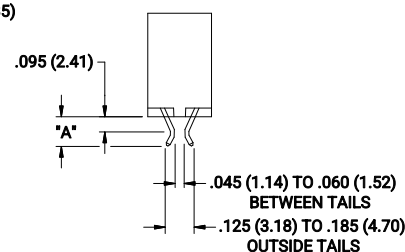
**MOUNTING OPTION
CODE x78
(IN-LINE CARD GUIDE)**



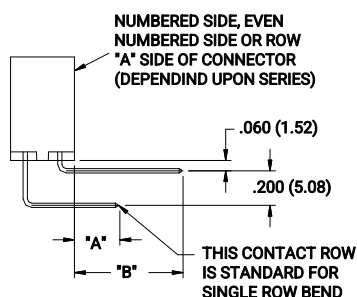
**MOUNTING OPTION
CODES x58
(OFFSET CARD GUIDES)**



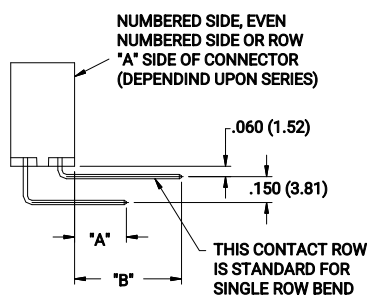
**CONTACT CODE 555 BEND USES
WIRE HOLE CONTACTS**



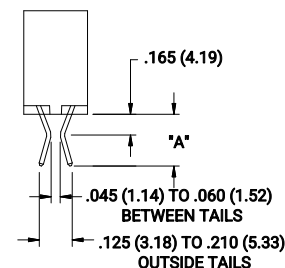
CONTACT CODE 556



CONTACT CODE 558



CONTACT CODE 559



CONTACT CODE 560