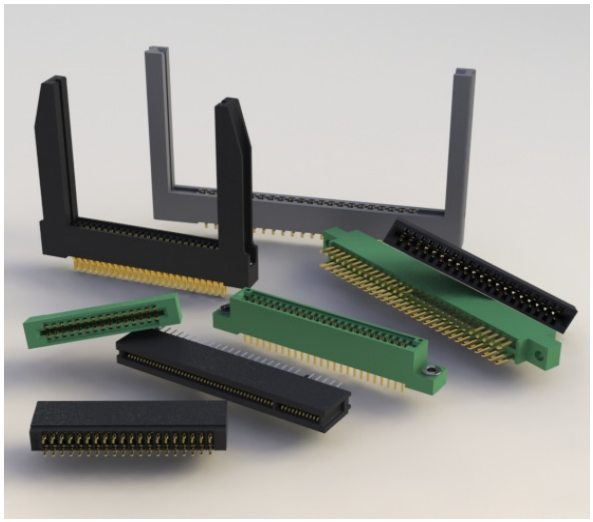
341/391 SERIES

Card Edge Connector 0.100" (3.96mm) Pitch



FEATURES:

- UL Recognized
- .100" (2.54mm) Contact Spacing x .140" (3.56mm) Row Spacing
- Accepts .062" (1.57mm) Nominal Thickness P.C. Board
- Low Profile Insulator Body, .437" (11.10mm)
- Contact Termination Options include P.C. Tail, Wire Hole 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	UL 94V-0 Thermoplastic Polyester . DAP Material is available upon request
Contact Material	Copper Alloy
Contact Plating	Gold Plating on mating area and Tin Plating on tails with Nickel underplating all over
Current Rating	3 Amperes
Contact Resistance	10 milliohms maximum
Dielectric Withstanding Voltage	1200 VAC rms at sea level between adjacent contacts
Insulation Resistance	5000 Megohms minimumInsulation Resistance: 5000 Megohms minimum
Operating Temperature	-40°C to +105°C
Insertion Force	16oz (4.45N) maximum per contact pair when tested with .070" (1.78mm) thick gauge
Withdrawal Force	1oz (0.28N) minimum per contact pair when tested with .054" (1.37mm) thick gauge

EXAMPLE PART NUMBER 341-062-520-202

- Series
- Total Number of Contacts
- Contact Code
- Contact Rows
- Mounting Options

Series:	Insulator Color
341	Green
391	Black

Total Number of Contacts:	Contact Rows
005, 006, ... 060	Single Row
010, 012, ... 120	Dual Row

Contact Code		Description & Tail Size	Tail Length "G"
500	Wire Hole	.050 x .013 (1.27 x 0.33)	.220 (5.59)
520	P.C. Tail	.025 x .013 (0.64 x 0.33)	.125 (3.18)
521	P.C. Tail	.025 x .013 (0.64 x 0.33)	.260 (6.60)
522	P.C. Tail	.025 x .013 (0.64 x 0.33)	.375 (9.53)
524	P.C. Tail	.025 x .013 (0.64 x 0.33)	.100 (2.54)
555	Extender Board Bend(Code 500 Contacts)		
556	Extender Board Bend(Code 521 Contacts)		
560	Extender Board Bend(Code 522 Contacts)		

Contact Rows:	Description
1	Single Row
2	Dual Row

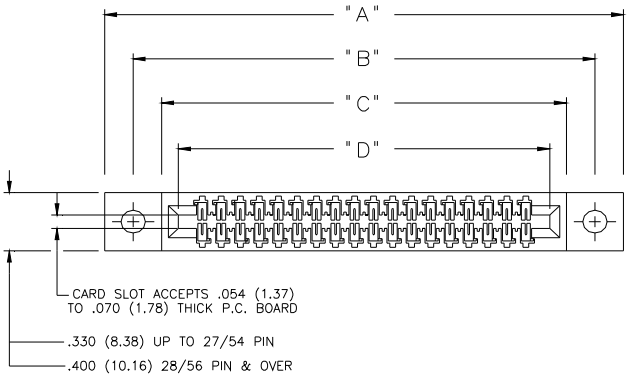
Mounting Options:	Description
01	No Mounting Lug
02	Ø.128" (Ø3.25mm) Mounting Holes
03	Ø.116" (Ø2.95mm) I.D. Floating Eyelets
04	Ø.156" (Ø3.96mm) Mounting Holes
07	M3-0.5 Metric Threaded Inserts
08	#4-40 Unified Threaded Inserts

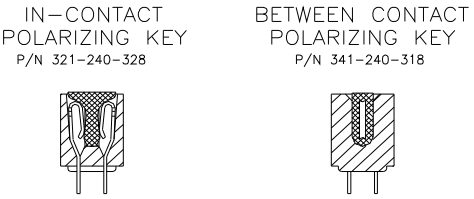
Ordering Code Notes:

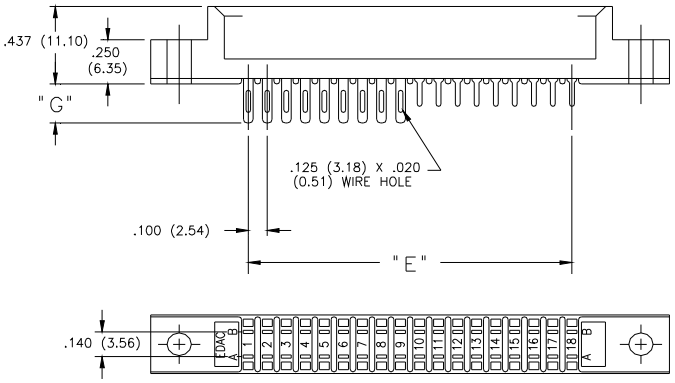
1) All connector sizes up to 60 contacts single row / 120 contacts dual row are available upon request.
2) The 500 contact code is only available in the 341 series. Green polyphenylene sulphide insulator material will be supplied.
3) For details of the extender board bends refer to next pages.
4) For details of the mounting options refer to next pages.

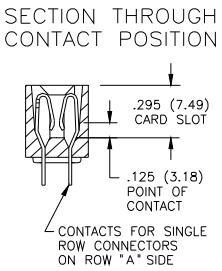
341/391 SERIES

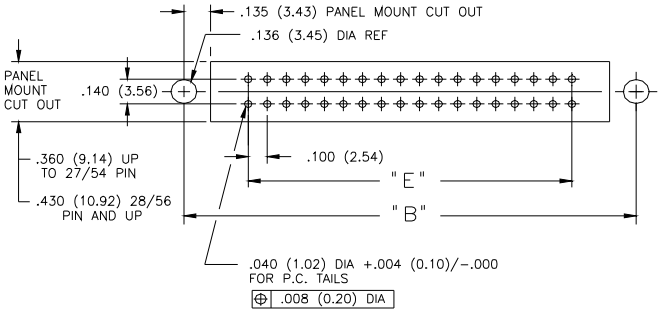
Card Edge Connector 0.100" (3.96mm) Pitch



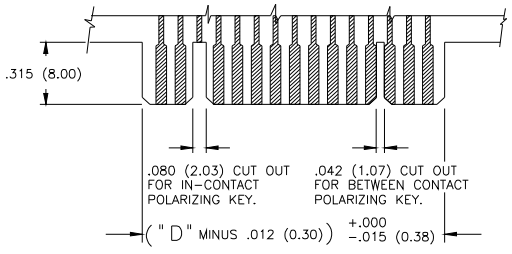








CONNECTOR MOUNTING PATTERN

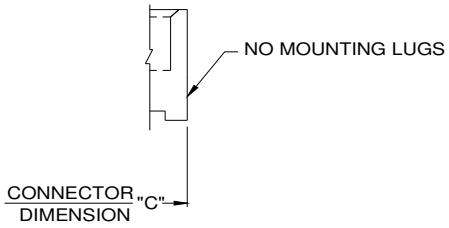


RECOMMENDED DAUGHTER BOARD

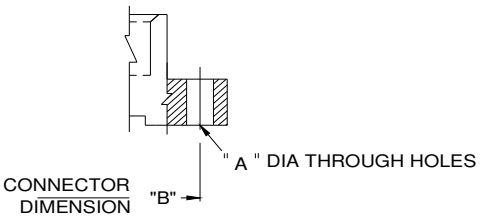
NUMBER OF CONTACTS		"A"		"B"		"C"		"D"		"D"	
SINGLE	DOUBLE	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
5	10	1.375	(34.93)	1.075	(27.31)	0.775	(19.69)	0.600	(15.24)	0.400	(10.16)
6	12	1.475	(37.47)	1.175	(29.85)	0.875	(22.23)	0.700	(17.78)	0.500	(12.7)
10	20	1.875	(47.63)	1.575	(40.01)	1.275	(32.39)	1.100	(27.94)	0.900	(22.86)
15	30	2.375	(60.33)	2.075	(52.71)	1.775	(45.09)	1.600	(40.64)	1.400	(35.56)
18	36	2.675	(67.95)	2.375	(60.33)	2.075	(52.71)	1.900	(48.26)	1.700	(43.18)
22	44	3.075	(78.11)	2.775	(70.49)	2.475	(62.87)	2.300	(58.42)	2.100	(53.34)
25	50	3.375	(85.73)	3.075	(78.11)	2.775	(70.49)	2.600	(66.04)	2.400	(60.96)
28	56	3.675	(93.35)	3.375	(85.73)	3.075	(78.11)	2.900	(73.66)	2.700	(68.58)
30	60	3.875	(98.43)	3.575	(90.81)	3.275	(83.19)	3.100	(78.74)	2.900	(73.66)
36	72	4.475	(113.67)	4.175	(106.05)	3.875	(98.43)	3.700	(93.98)	3.500	(88.9)
40	80	4.875	(123.83)	4.575	(116.21)	4.275	(108.59)	4.100	(104.14)	3.900	(99.06)
43	86	5.175	(131.45)	4.875	(123.83)	4.575	(116.21)	4.400	(111.76)	4.200	(106.68)
50	100	5.875	(149.23)	5.575	(141.61)	5.275	(133.99)	5.100	(129.54)	4.900	(124.46)
60	120	6.875	(174.63)	6.575	(167.01)	6.275	(159.39)	6.100	(154.94)	5.900	(149.86)

341/391 SERIES

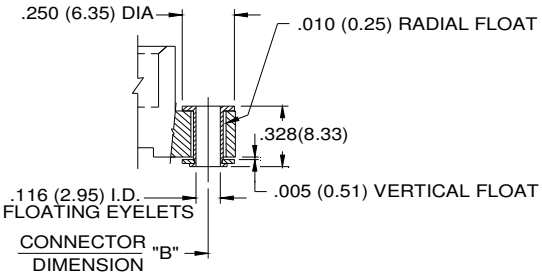
Card Edge Connector 0.100" (3.96mm) Pitch



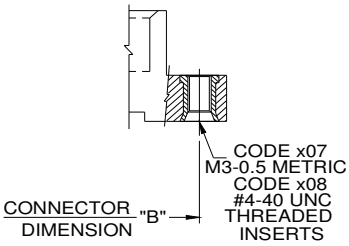
MOUNTING OPTION
CODE x01



MOUNTING OPTION
CODES x02 and xO4

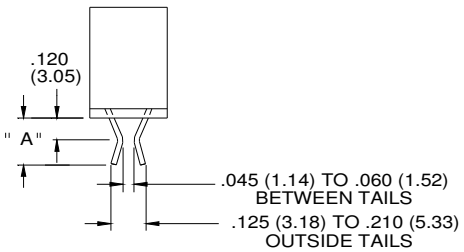


MOUNTING OPTION
CODE x03

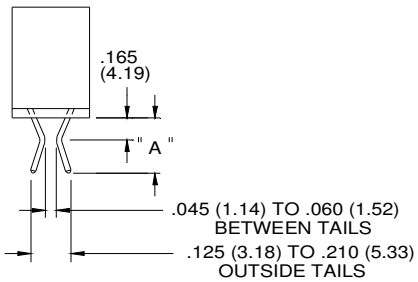


MOUNTING OPTION
CODES x07 & xO8

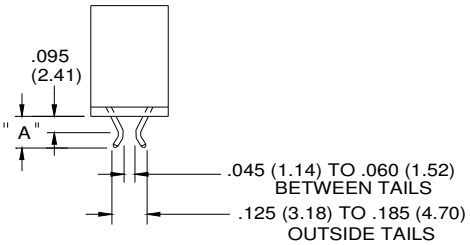
CODE X02 AND X04- THROUGH MTG. HOLES		
	CODE X02	CODE X04
"A" DIA.	0.128(3.25)	0.156(3.96)
CODE X07 AND X08- THREADED INSERTS		
	CODE X07	CODE X08
INSERT	M3-0.5(METRIC)	#4-40 UNC



CONTACT CODE 555
BEND USES WIRE HOLE
CONTACTS



CONTACT CODE 560



CONTACT CODE 556

MTG. OPTION	A
555	0.205(5.21)
556	0.235(5.97)
560	0.365(9.27)

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341-010-521-201 345-100-500-202 346-086-520-202 423-047-520-102 516-090-000-201 516-090-000-301
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