



342/392 SERIES



Card Edge Connector 0.100" (2.54mm) Pitch



FEATURES:

- .100" (2.54mm) Contact Spacing x .200" (5.08mm) Row Spacing
- Accepts .062" (1.57mm) Nominal Thickness P.C. Board
- High Profile Insulator Body, .590" (14.99mm)
- Contact Termination Options include P.C. Tail, Wire Wrap, 90 Degree Bends and Extender Board Bends
- Single or Dual Row Configurations
- Variety of Mounting Options, Flush or Offset Lugs
- Accepts between Contact and In-Contact Polarizing Keys
- RoHS Compliant & UL Certified

Specifications:

Insulator Material	UL 94V-0 Thermoplastic Polyester
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 Withstand Voltage	1200 VAC rms at sea level between adjacent contacts
Insulation Resistance	5000 Megaohms 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:

342-100-541-202

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

Series:

342
392

Insulator Color

Green
Black

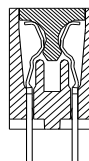
Contact Rows:	Description
1	Single Row
2	Dual Row

Total Number of Contacts:	Contact Rows
005, 006, 059	Single Row
010, 012, 116	Dual Row

Mounting Options:	Description
01	No Mounting Lug
02	128" (3.25mm) Wide 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

Contact Code	Description & Tail Size	Tail Length "G"
500	Wire Hole .050 x .025 (1.27 x 0.64)	.270 (6.86)
520	P.C. Tail .030 x .018 (0.76 x 0.46)	.185 (4.70)
521	P.C. Tail .025 Square (0.64 Square)	.160 (4.06)
523	P.C. Tail .025 Square (0.64 Square)	.400 (10.16)
524	P.C. Tail .018 Square (0.46 Square)	.185 (4.70)
540	Wire Wrap .025 Square (0.64 Square)	.570 (14.48)
541	Wire Wrap .025 Square (0.64 Square)	.760 (19.30)
542	Wire Wrap .025 Square (0.64 Square)	.655 (16.64)
544	Wire Wrap .050 x .025 (1.27 x 0.64)	.760 (19.30)
555	EXTENDER BOARD DEND (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 523 CONTACTS)	

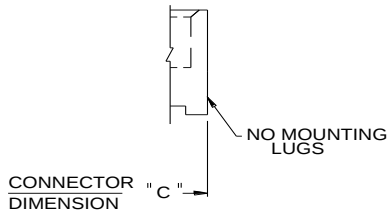
IN-CONTACT
POLARIZING KEY
P/N 345-240-328



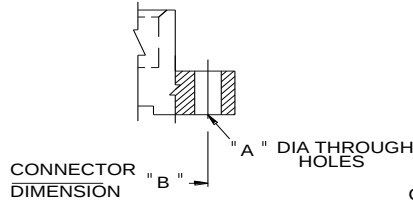
Ordering Code Notes:

- 1) All connector sizes up to 58 contacts single row / 116 contacts dual row are available upon request.
- 2) The 500 contact code is only available in the 342 series. Green polyphenylene sulphide insulator material will be supplied.
- 3) For details of the extender board and 90 degree bends refer to next pages.
- 4) For details of the mounting options refer to page 3.

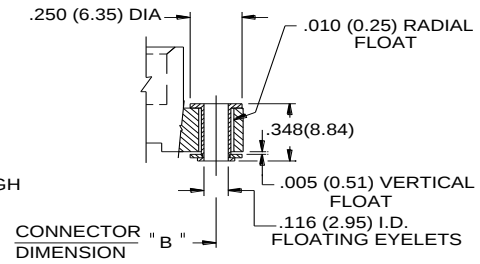
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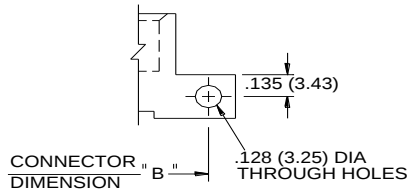
MOUNTING OPTION
CODE x01



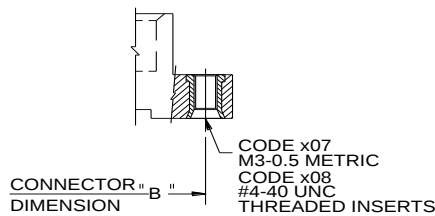
MOUNTING OPTION
CODES x02 and x04



MOUNTING OPTION
CODE x03

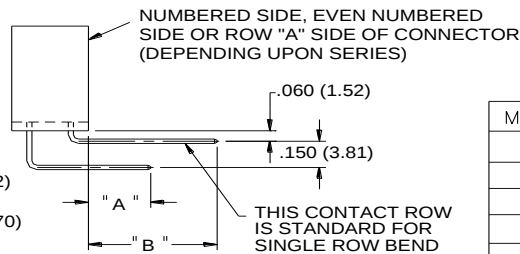
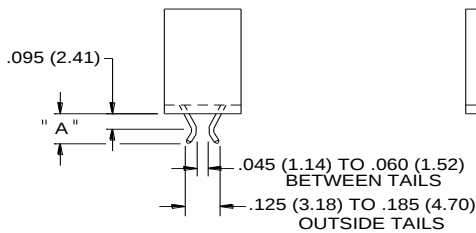
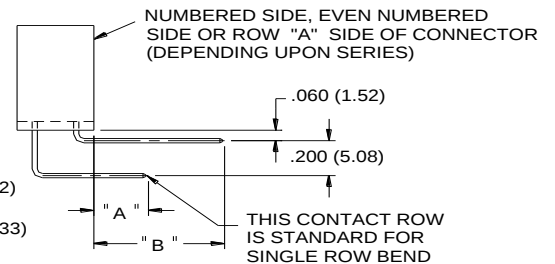
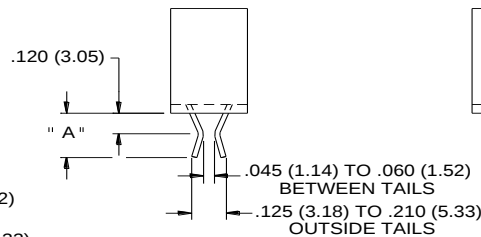
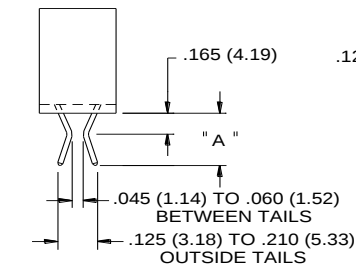


FOR RIGHT ANGLE MTG.
CODE X12



MOUNTING OPTION
CODES x07 & x08

CODE X02 AND X04- THROUGH MTG. HOLES		
	CODE X02	CODE X04
"A" DIA.	0.128(3.25)X 0.146(3.71) SLOT	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



MTG. OPTION	A	B
555	0.255(6.48)	
556	0.180(4.57)	
558	0.245(6.22)	0.645(16.38)
559	0.295(7.49)	0.645(16.38)
560	0.385(9.78)	

Mouser Electronics

Authorized Distributor

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