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MATERIAL AND FINISH:

Housing: PBT , UL-94V-0 rated

Contacts: Phosphor Bronze, Gold flash plated, 80u" Tin on solder tail , all over 50u" Nickel

MECHANICAL SPECIFICATIONS:

Insertion force: 0.749 lbs. max. per pair

Withdrawal force: 0.061 lbs. min. per pair

ELECTRICAL SPECIFICATIONS:

Rated current: 3A

Contact resistance: 20 mohm

Insulation resistance: 5000 Mohm min. between adjacent contact @ 500VDC

Dielectric withstanding voltage: 1000VAC between adjacent terminals for one minute min.

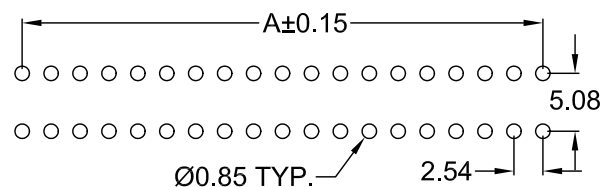
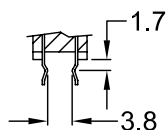
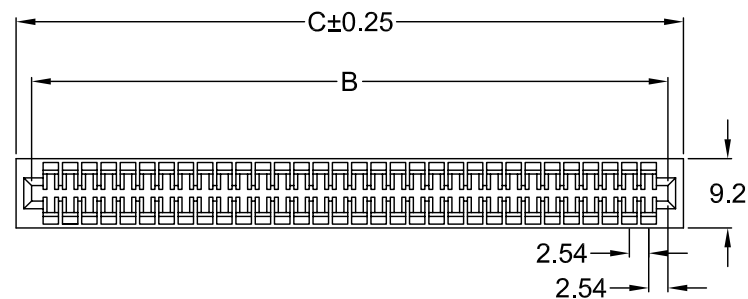
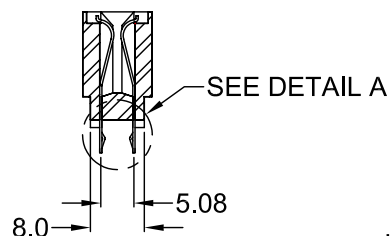
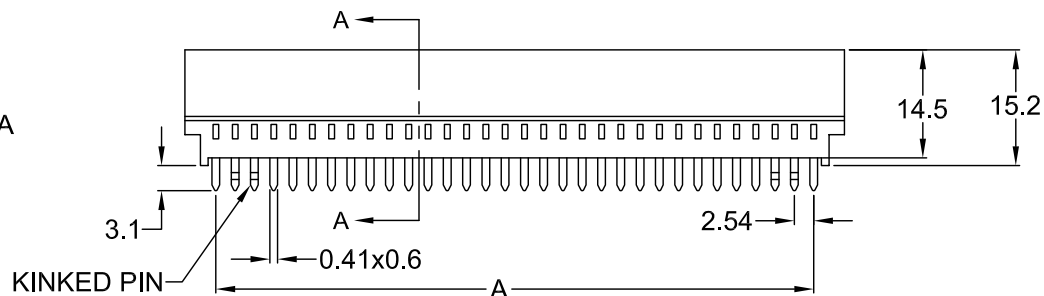
ENVIRONMENTAL:

Operating temperature: -55°C ~ +105°C

NOTE:

Accepts double sided PCB from 1.27mm to 1.78mm thick.

POSITION	A	B	C
20	22.86	27.94	32.00
36	43.18	48.26	52.32
44	53.34	58.42	62.48
50	60.96	66.04	70.10
62	76.20	81.28	85.38
80	99.06	104.14	108.20
86	106.68	111.76	115.82
100	124.46	129.54	133.60

**RECOMMENDED
PCB LAYOUT (TOP VIEW)****DETAIL A****SECTION A-A****KINKED PIN****RoHS
COMPLIANT**

REVISIONS				CHNG	CHK	APPR
REV	DATE	CHANGE	UPDATED	TD	PB	PB
A	4/10/03					
B	1/31/05	CHNG. TIN, LEAD TO TIN				

TOLERANCE UNLESS OTHERWISE SPECIFIED		
X	±	1
X.X	±	0.4
X.XX	±	0.20
DRAWN BY	BP	DATE: 10/12/00
CHECK BY	TD	DATE: 10/13/00
APPR BY	SS	DATE: 10/13/00

Power Dynamics, Inc.

Phone: 973 560-0019 Whippany, New Jersey Fax: 973 560-0076

PART: CARD EDGE CONNECTOR; PCB MOUNT
36, 44, 50, 62, 80, 86, & 100 POS.; 2.54mm PITCH

PART #: CEC-0XX-1		SHEET 1 of 1
SIZE: A	ALL DIMENSIONS FOR REFERENCE ONLY DIMENSIONS ARE IN MILLIMETERS	
SCALE: NTS		REV: B

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