

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE (ESR 0753)	01-27-97	JWM

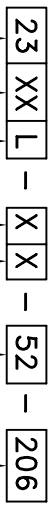
**NOTES:**

- 1. MATERIAL:**
- INSULATOR MATERIAL - GLASS FILLED THERMO-PLASTIC POLYESTER, 94V-0 RATED, BLACK.
  - CONTACT MATERIAL - GDA 510.
  - CONTACT PLATING - .00030 Au OVER .000050 Ni ON CONTACT POINT, TAIL AND COMPLIANT SECTION .000100 MATE FINISH 60/40 SnPb.

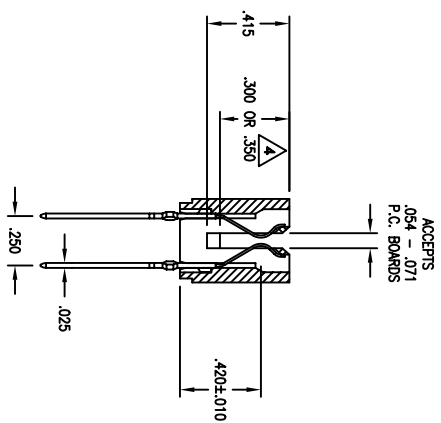
- 2. ELECTRICAL CHARACTERISTICS:**
- CONTACT RESISTANCE: CONTACT TO DAUGHTER CARD - 10 MEGOHMS MAX. COMPLIANT SECTION TO P.T.H. - 2MILLIOHMS.
  - DIELECTRIC WITHSTANDING VOLTAGE - 1500 VAC.
  - INSULATION RESISTANCE - 5000 MEGOHMS.
  - CONTACT CURRENT RATING - 3 AMPS AT 30°C.

- 3. MECHANICAL CHARACTERISTICS:**
- OPERATING TEMPERATURE - -55° TO +125°C.
  - DURABILITY - PER BELLORE TR-NWT-000078.
  - P.C. BOARD INSERTION FORCE - 16 Oz MAXIMUM PER CONTACT PAIR WITH .071 THICK TEST GAUGE.
  - P.C. BOARD WITHDRAWAL FORCE - 1 Oz MINIMUM PER CONTACT PAIR WITH .054 THICK TEST GAUGE.
  - INSERTION FORCE - COMPLIANT SECTION 40 lbs MAXIMUM PER CONTACT.
  - WITHDRAWAL FORCE - COMPLIANT SECTION 10 lbs MINIMUM PER CONTACT.
  - HOLE SIZE REQUIREMENTS: DRILLED HOLE DIA. .0453±.001, PLATING: .001 TO .003 COPPER AND .0001 TO .0008 SOLDER.
  - FINISHED HOLE DIA. .040±.003.
  - .300 AND .350 CARD SLOT DEPTH CONTROLLED BY THESE SURFACES ONLY.

**PART NUMBERING**

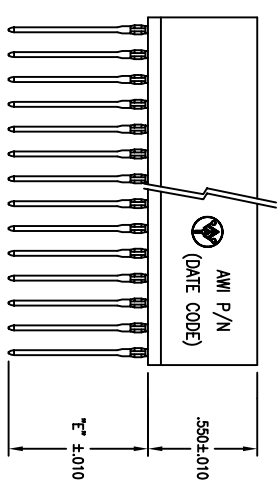
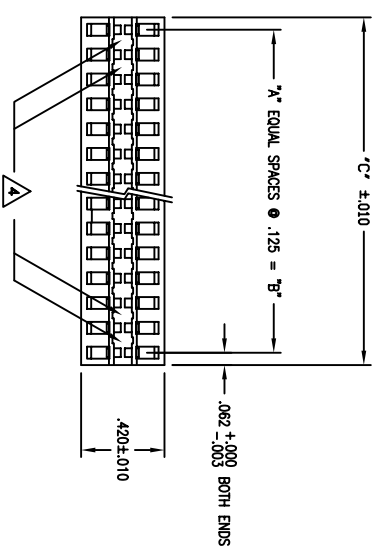


- SERIES CODE
- NUMBER OF DUAL POSITIONS
- 02 THROUGH 50
- BODY STYLE  
L - WITHOUT CARD SCOOPS
- TAIL LENGTH (E DIMENSION)  
1 - .190  
5 - .710
- VARIATION CODE (BOTH ENDS OPEN)
- PLATING CODE (SEE NOTES)
- CARD SLOT DEPTH (SEE NOTE 4)  
1 - .415  
2 - .350  
3 - .300



**DIMENSIONS**

	NUMBER OF EQUAL SPACES	(TO DETERMINE SUBTRACT 1 FROM THE NUMBER OF DESIRED DUAL CONTACT POSITIONS)
A	NUMBER OF EQUAL SPACES	X .125
B	NUMBER OF EQUAL SPACES	X .125
C	NUMBER OF EQUAL SPACES	X .125 + .124
E	TAIL LENGTH: SEE PART NUMBERING	



**CUSTOMER DRAWING**

APPROVED	
NAME	DATE
DESIGNED JWM	01-97
CHECKED JWP	01-97
QUALITY WBK	01-97
APPROVED JWM	01-97

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ALL DIMENSIONS ARE IN INCHES.

TOLERANCES:  
DECIMAL .XX ±.015  
XXX ±.005  
ANGLE ±1/2°

COMPLIANT PIN PRESS FIT CARD EDGE CONNECTOR  
.125 X .250 CENTERS - BOTH ENDS OPEN

**A.W. Industries, Incorporated**  
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Fort Lauderdale, FL 33309

SIZE C  
SCALE NONE  
ACAD FILE NO. 03-0442-0A  
SHEET 1 OF 1