

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	01-20-95	JWM
B	SEE ECN 90364	02-28-96	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  
 WHITE FINISH 60/40 SnPb.

**2. ELECTRICAL CHARACTERISTICS:**

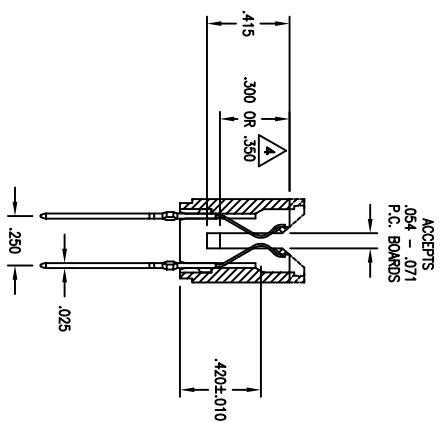
CONTACT RESISTANCE:  
 CONTACT TO DAUGHTER CARD - 10 MILLIOMHS MAX.  
 COMPLIANT SECTION TO P.T.H. - 2MILLIOMHS.  
 DIELECTRIC WITHSTANDING VOLTAGE - 1500 VAC.  
 INSULATION RESISTANCE - 5000 MEGOHMS.  
 CONTACT CURRENT RATING - 3 AMPS AT 30C.

**3. MECHANICAL CHARACTERISTICS:**

OPERATING TEMPERATURE - -55 TO +125C.  
 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.

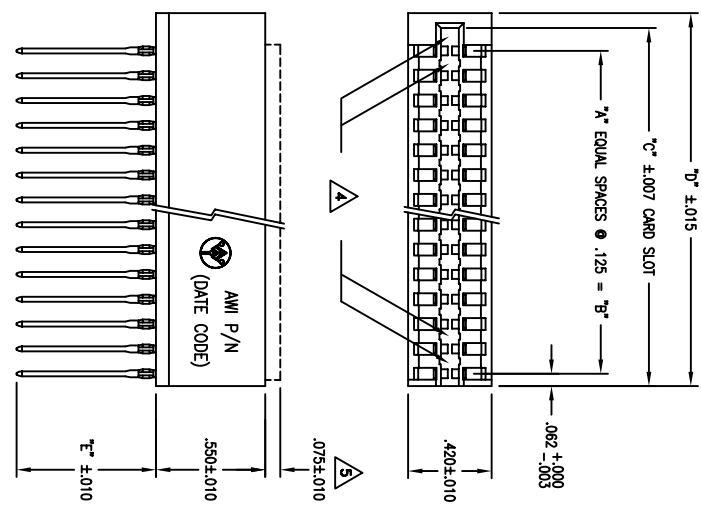
▲ .300 AND .350 CARD SLOT DEPTH CONTROLLED  
 BY THESE SURFACES ONLY.

▲ CARD SCOOPS OPTIONAL (SEE PART NUMBERING)  
 L- WITHOUT CARD SCOOPS  
 H- WITH CARD SCOOPS



**DIMENSIONS**

	A	B	C	D	E
NUMBER OF EQUAL SPACES	X	.125	X	.125 + .187	X
NUMBER OF EQUAL SPACES	X	.125	X	.125 + .252	X
TAIL LENGTH: SEE PART NUMBERING					



**CUSTOMER DRAWING**

APPROVED	
NAME	DATE
JWM	01-95
Y.L.	01-95
CBW	01-95
JWM	01-95

ALL DIMENSIONS ARE IN INCHES.  
 TOLERANCES:  
 DECIMAL .XX ±.015  
 .XXX ±.005  
 ANGLE ±1/2°

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**A.W. Industries, Incorporated**  
 6788 N.W. 17th AVENUE  
 Fort Lauderdale, FL 33309

COMPULSANT PIN PRESS FIT CARD EDGE CONNECTOR  
 .125 X .250 CENTERS - ONE END OPEN (MODULAR)

SIZE C  
 SCALE NONE  
 DWG. NO. 23XXX-XX-52-170  
 ACAD FILE NO. 03-0088-0B  
 SHEET 1 OF 1

**PART NUMBERING**

