

NOTES:

1. MATERIAL:

INSULATOR MATERIAL - GLASS FILLED THERMO-PLASTIC POLYESTER, 94Y-0 RATED, BLACK.
 CONTACT MATERIAL - CDA 510.
 CONTACT PLATING - .000030 Au OVER .000050 Ni ON CONTACT POINT, TAIL AND COMPLIANT SECTION .000100 MATTE FINISH 60/40 SnPb.

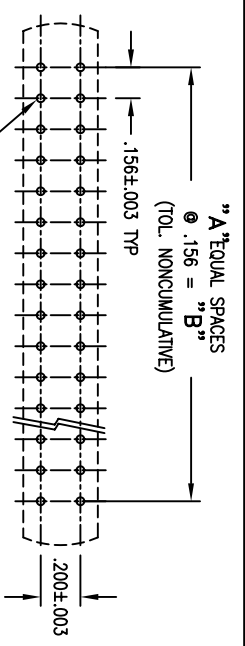
2. ELECTRICAL CHARACTERISTICS:

CONTACT RESISTANCE - CONTACT TO DAUGHTER CARD - 10 MILLIOHMS, COMPLIANT SECTION TO P.T.H. - 2MILLIOHMS.
 DIELECTRIC WITHSTANDING VOLTAGE - 1800 VAC.
 INSULATION RESISTANCE - 5000 MEGOHMS.
 CONTACT CURRENT RATING - 3 AMPS AT 30°C.

3. MECHANICAL CHARACTERISTICS:

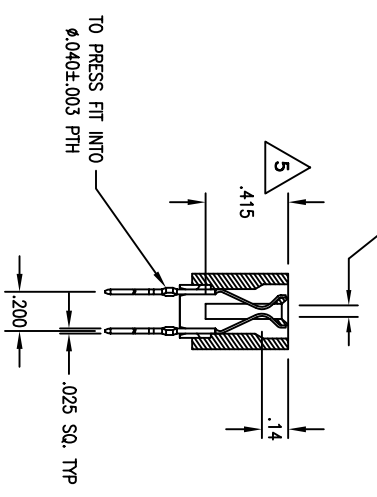
OPERATING TEMPERATURE - -55° TO +125°C.
 DURABILITY - PER BELLCORE TR-NWT-000078.
 INSERTION FORCE - COMPLIANT SECTION 40 lbs MAXIMUM PER CONTACT.
 WITHDRAWAL FORCE - COMPLIANT SECTION 10 lbs MINIMUM PER CONTACT.
 HOLE SIZE REQUIREMENTS - DRILLED HOLE DIA. .0453±.001, PLATING: .001 TO .003 COPPER AND .0001 TO .0008 SOLDER.
 FINISHED HOLE DIA. .040±.003.

- 4 FLAT ROCK ASSEMBLE TO BACKPANEL NO SPECIAL TOOL REQUIRED. BACKPANEL MIN. THICKNESS TO BE .093. .300 AND .350 CARD SLOT DEPTH CONTROLLED BY THESE SURFACES ONLY.
- 5



RECOMMENDED PCB LAYOUT

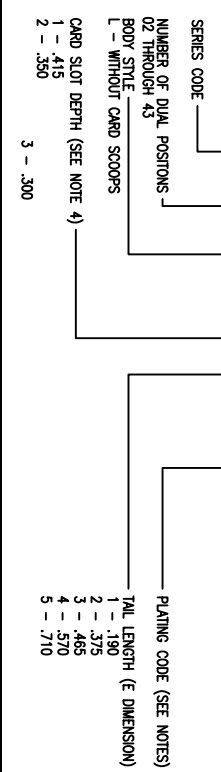
ACCEPTS
 .054 - .071
 P.C. BOARDS



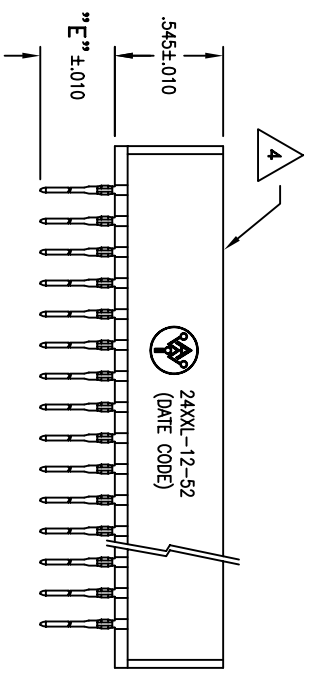
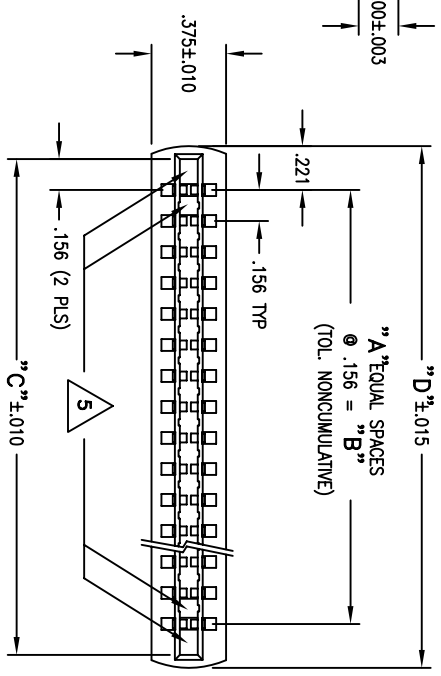
DIMENSIONS

	(TO DETERMINE, SUBTRACT 1 FROM THE NUMBER OF DESIRED DUAL CONTACT POSITIONS)
A	NUMBER OF EQUAL SPACES X .156
B	NUMBER OF EQUAL SPACES X .156
C	NUMBER OF EQUAL SPACES X .156 + .312
D	NUMBER OF EQUAL SPACES X .156 + .442
E	TAIL LENGTH: SEE PART NUMBERING

CUSTOMER DRAWING



REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE (ESR 0351)	01-26-96	JWM
B	REVISED (ESR 1804)	08-18-99	JWM



RECOMMENDED DAUGHTER BOARD

APPROVED	
NAME	DATE
JWM	01-96
YL	01-96
WBK	01-96
JWM	01-96

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

COMPLIANT PIN PRESS FIT CARD EDGE CONNECTOR, 156 X 200 CENTERS

24XXL-XX-52

SCALE NONE

DATE FILE NO. 03-0304-0B

SHEET 1 OF 1