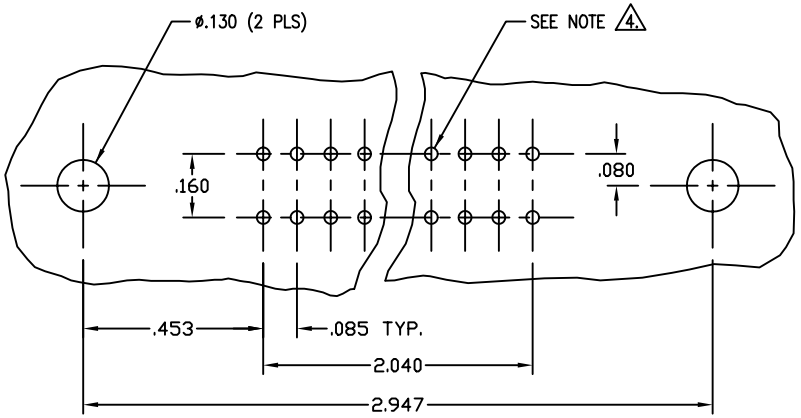
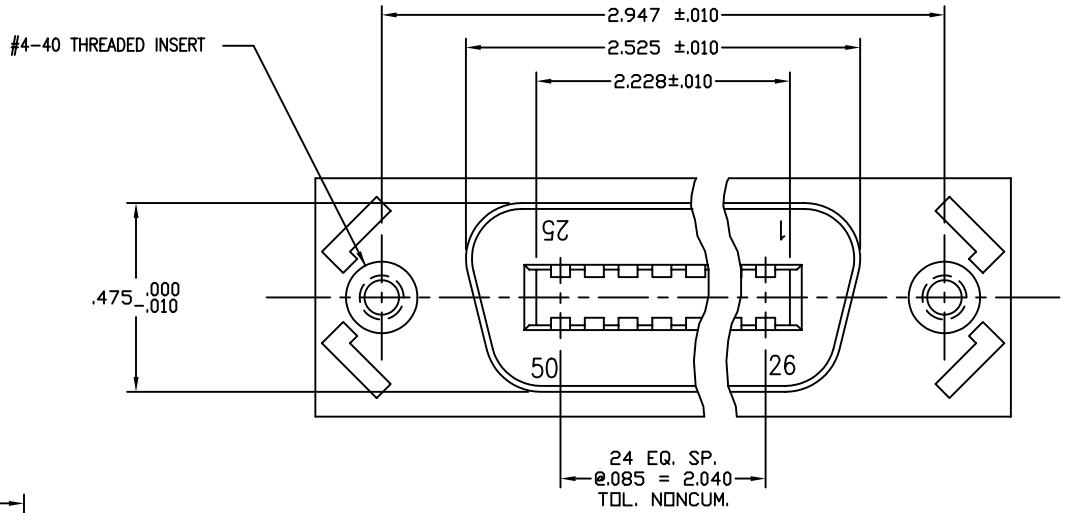
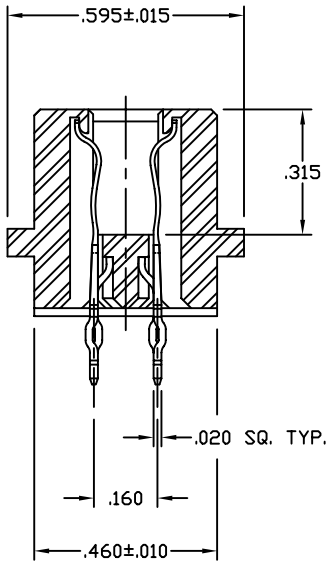
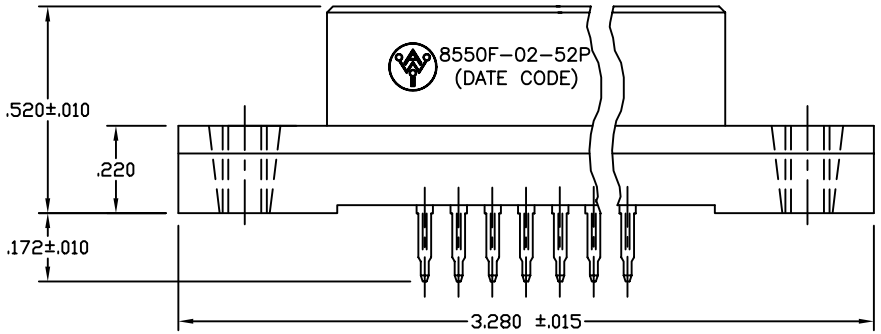
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE (ESR 0881)	04-03-97	JWM
B	SEE ECN 90414	05-22-97	JWM

RECOMENDED HOLES LAYOUT









NOTES:

1. MATERIAL:
   * INSULATOR – 30% GLASS REINFORCED THERMOPLASTIC POLYESTER (PBT) VALOX 420 SEO OR EQUIVALENT UL 94V-0 RATED, COLOR – BLACK.
   * CONTACT – PHOSPHORE BRONZE CDA 510.
   * CONTACT PLATING – NICKEL PLATE .000050 MIN. THICK ALL OVER, GOLD PLATE .000030 MIN. THICK ON CONTACT AREA, .000100 MIN. SnPb OVER TAIL AND COMPLIANT AREA.

2. ELECTRICAL CHARACTERISTICS:
   * CONTACT RESISTANCE –10 MILLIOHMS MAX.
   * INSULATION RESISTANCE – 5000 MEGOHMS.
   * WITHSTANDING VOLTAGE – 1000 VRMS
   * CURRENT RAITING – 3 AMPERS MAX. PER CONTACT PAIR.

3. MECHANICAL CHARACTERISTICS:
   * OPERATING TEMPERATURE – FROM –55°C TO +105°C.
   * COMPLIANT SECTION INSERTION FORCE – 30 LB. MAX. PER CONTACT.
   * COMPLIANT SECTION WITHDRAWAL FORCE – 10 LB. MIN. PER CONTACT.

4. PRINTED CIRCUIT BOARD HOLE INFORMATION:
   * BEFORE THRU-HOLE PLATING – .037-:-.039 DIA.
   * COPPER THRU-HOLE PLATING THICKNESS – .001-:-.002.
   * TIN-LEAD THRU-HOLE PLATING THICKNESS – .0003-:-.0012 PORE FREE.
   * FINISHED HOLE DIMENSION – .030-:-.035 DIA.

5. FLAT ROCK ASSEMBLE TO BACKPANEL, NO SPECIAL TOOLING REQUIRED.

6. MARKING AS SHOWN.

CUSTOMER DRAWING

APPROVED		
NAME		DATE
DRAWN	JWM	04-97
CHECKED	JMP	04-97
QUALITY	WBK	04-97
APPROVED	JWM	04-97

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ALL DIMENSIONS ARE IN INCHES.

TOLERANCES:

DECIMAL .XX ±.015
.XXX ±.005

ANGLE ±1/2°

TITLE: PRESS FIT CONNECTOR
50 PIN RECEPTACLE

A.W. Industries, incorporated
6788 N.W. 17th AVENUE
Fort Lauderdale,Fl 33309

SIZE C | DWG. NO. 8550F-02-52P

SCALE NONE | ACAD FILE NO. 03-0488-0B | SHEET 1 OF 1