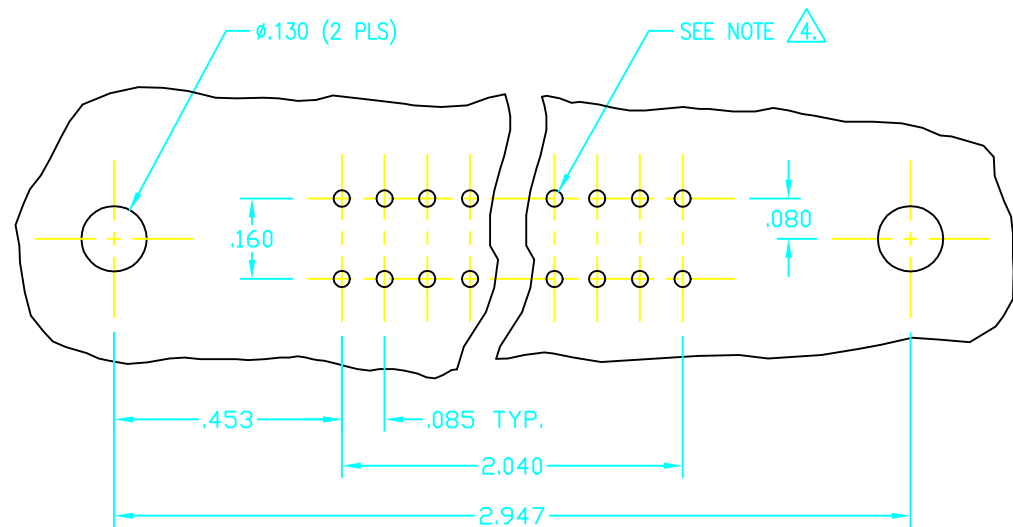
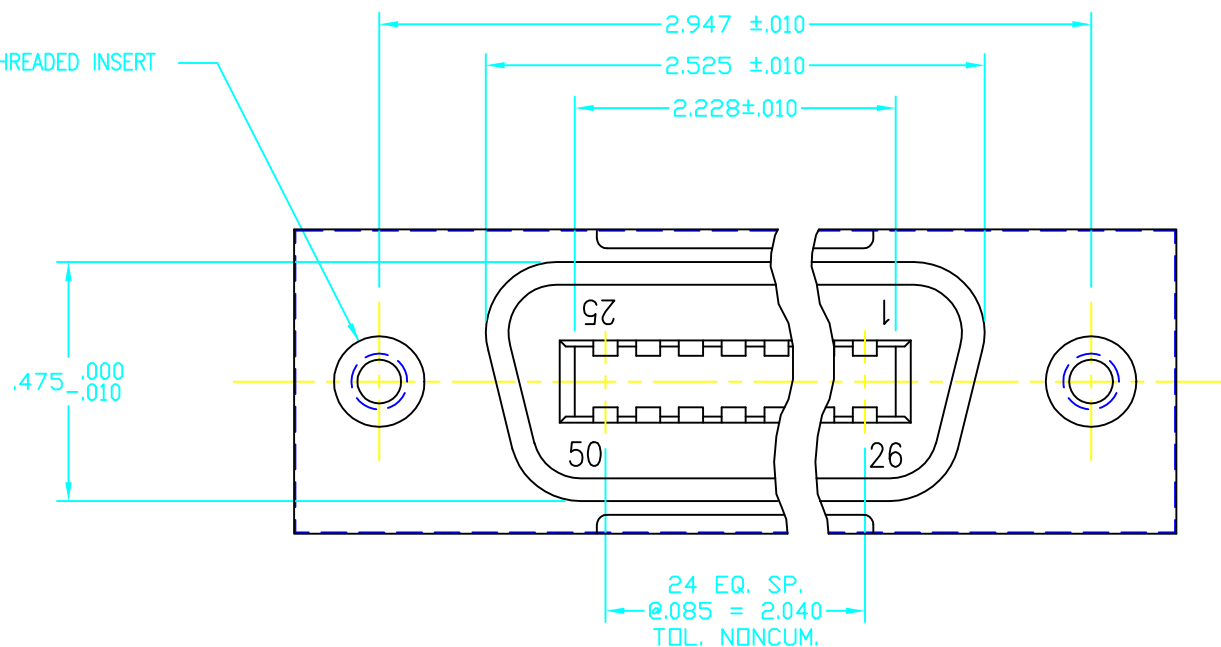


RECOMENDED HOLES LAYOUT

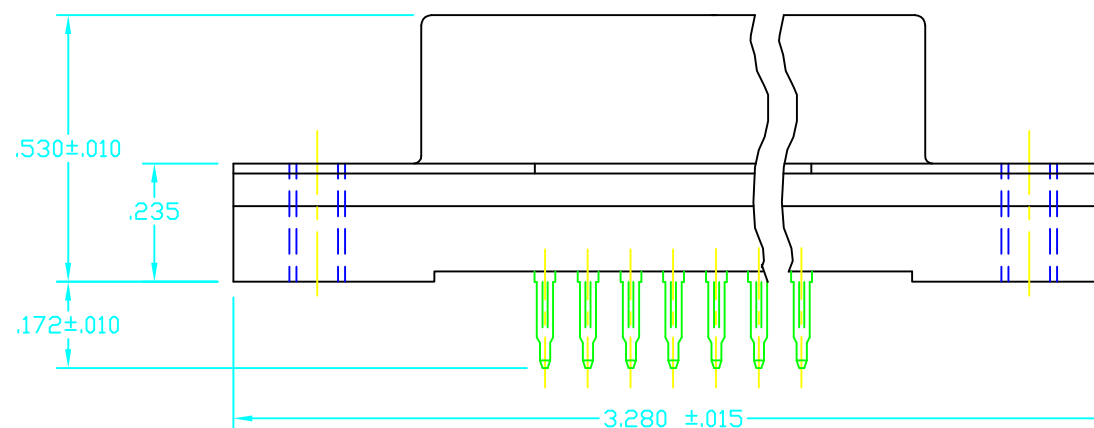
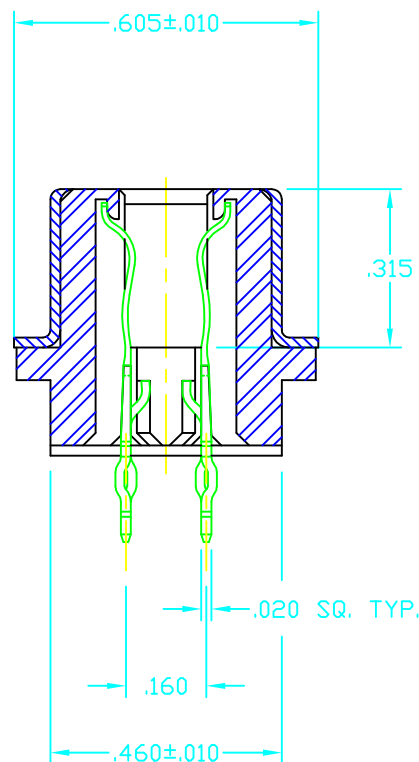


#4-40 THREADED INSERT



NOTES:

1. MATERIAL:
 - * INSULATOR - 30% GLASS REINFORCED THERMOPLASTIC POLYESTER (PBT) VALOX 420 SED 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.
 - * SHELL - STEEL.
 - * SHELL PLATING - BRIGHT TIN ALL OVER.
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.



CUSTOMER DRAWING

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.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE (ESR1141)	01-23-98	JWM
1A	REVISED PER ESR 1894	01-24-00	JWM

APPROVED	
NAME	DATE
DRAWN JWM	01-98
CHECKED JMP	01-98
QUALITY DKJ	01-98
APPROVED JWM	01-98

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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, SHIELDED	
A.W. Industries, incorporated 6788 N.W. 17th AVENUE Fort Lauderdale, FL 33309	
SIZE C	DWG. NO. 8650F-02-52P
SCALE NONE	ACAD FILE NO. 03-0605-1A SHEET 1 OF 1