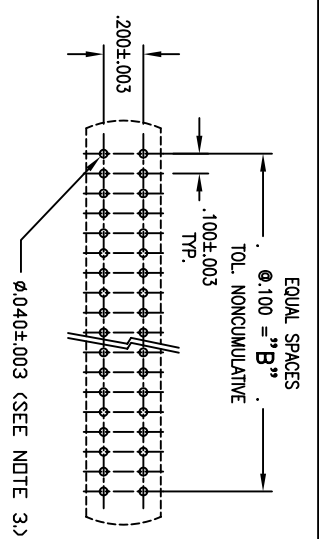


| REV | DESCRIPTION | DATE | APPROVED |
|-----|----------------------------|----------|----------|
| A | INITIAL RELEASE (ESR 0340) | 01-10-96 | JWM |

REVISIONS

- NOTES:**
- MATERIALS AND FINISH:**
INSULATOR - GLASS FILLED THERMO-PLASTIC POLYESTER, 94W-0 RATED, BLACK.
CONTACT MATERIAL - PHOSPHOR BRONZE
CONTACT PLATING - .000030 Au OVER .000050 Ni ON CONTACT POINT, TAIL AND COMPLIANT SECTION .000100 MATE FINISH 60/40 SnPb.

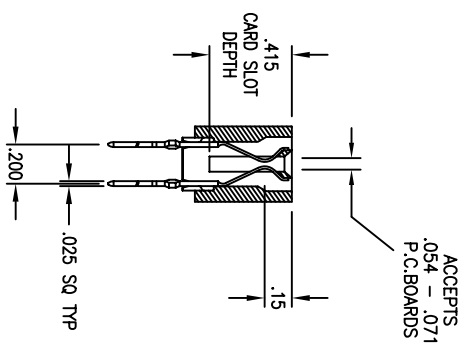
RECOMMENDED PCB LAYOUT



- ELECTRICAL CHARACTERISTICS:**
CONTACT RESISTANCE:
CONTACT TO DAUGHTER CARD - 10 MILLIOHMS.
COMPLIANT SECTION TO P.I.H. - 2 MILLIOHMS.
DIELECTRIC WITHSTANDING VOLTAGE - 1000 VAC.
INSULATION RESISTANCE - 5000 MEGOHMS.
CONTACT CURRENT RATING - 3 AMPS AT 30°C.

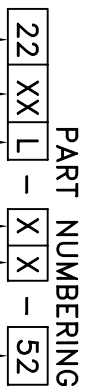
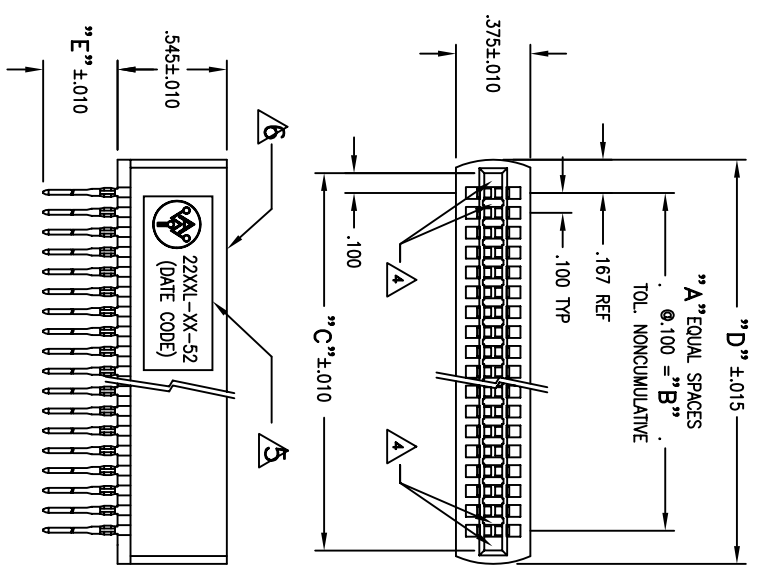
- MECHANICAL CHARACTERISTICS:**
OPERATING TEMPERATURE - -55° TO +125°C.
DURABILITY - PER BELLCORE TR-NWT-000078.
P.C. BOARD INSERTION FORCE - 16 OZ PER CONTACT PAIR MAXIMUM WITH .071 THICK TEST GAUGE.
P.C. BOARD WITHDRAWAL FORCE - 1 OZ PER CONTACT PAIR MINIMUM WITH .054 THICK TEST GAUGE.
INSERTION FORCE - 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 .001 TO .008 SOLDER.
FINISHED HOLE DIA. .040±.003.

- .300 AND .350 CARD SLOT DEPTH CONTROLLED BY THESE POSITIONS ONLY.
- MARKING AS SHOWN, WHITE INK.
- FLAT ROCK ASSEMBLE TO BACKPANEL NO SPECIAL TOOLING REQUIRED. BACKPANEL MIN. THICKNESS TO BE .093.



DIMENSIONS

| | NUMBER OF EQUAL SPACES (TO DETERMINE, SUBTRACT 1 FROM THE NUMBER OF DESIRED DUAL CONTACT POSITIONS) |
|---|---|
| A | NUMBER OF EQUAL SPACES X .100 + .200 |
| B | NUMBER OF EQUAL SPACES X .100 |
| C | NUMBER OF EQUAL SPACES X .100 + .200 |
| D | NUMBER OF EQUAL SPACES X .100 + .334 |
| E | TAIL LENGTH: SEE PART NUMBERING |



- PLATING CODE (SEE NOTES)
- | | |
|---|------|
| 1 | .190 |
| 2 | .375 |
| 3 | .465 |
| 4 | .570 |
| 5 | .710 |
- CARD SLOT DEPTH (SEE NOTE 4)
- | | |
|---|------|
| 1 | .415 |
| 2 | .350 |
| 3 | .300 |

APPROVED

| NAME | DATE |
|------|-------|
| JWM | 01-96 |
| Y.L. | 01-96 |
| WBK | 01-96 |
| JWM | 01-96 |

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ALL DIMENSIONS ARE IN INCHES.

DECIMAL .XXX ±.005
ANGLE ±1/2°

TITLE

COMPLIANT PIN PRESS FIT CARD EDGE CONNECTOR .100 X .200 CENTERS

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

SIZE: C
SCALE: NONE
ACAD FILE NO: 03-0299-0A
SHEET 1 OF 1

CUSTOMER DRAWING