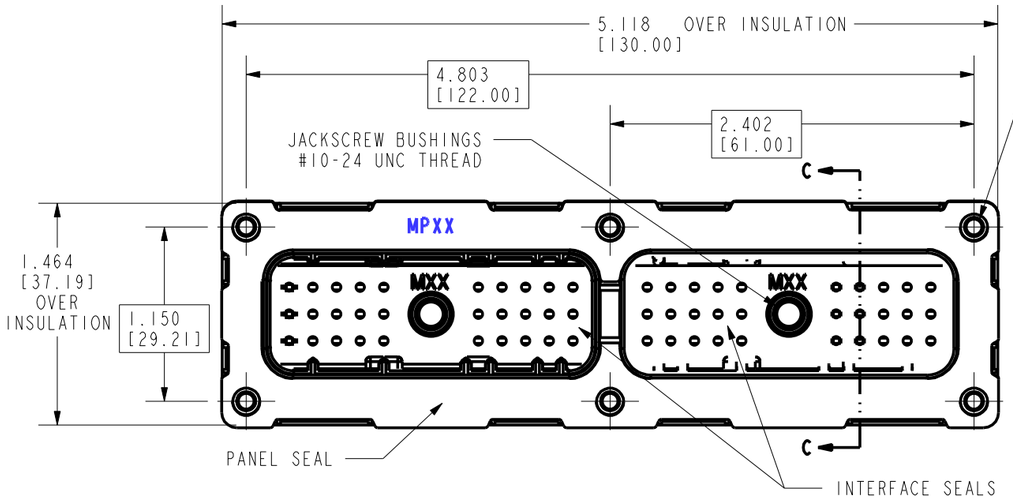
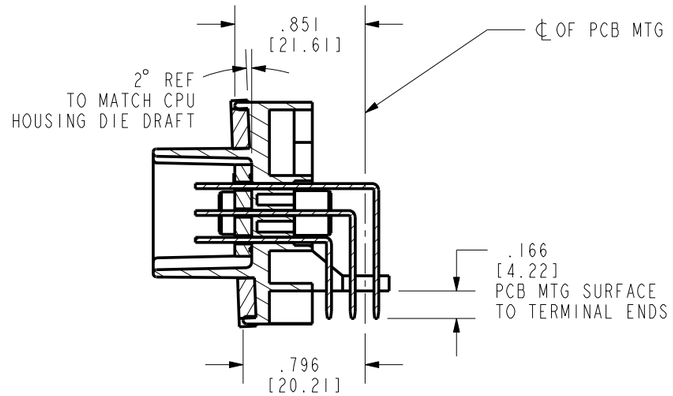
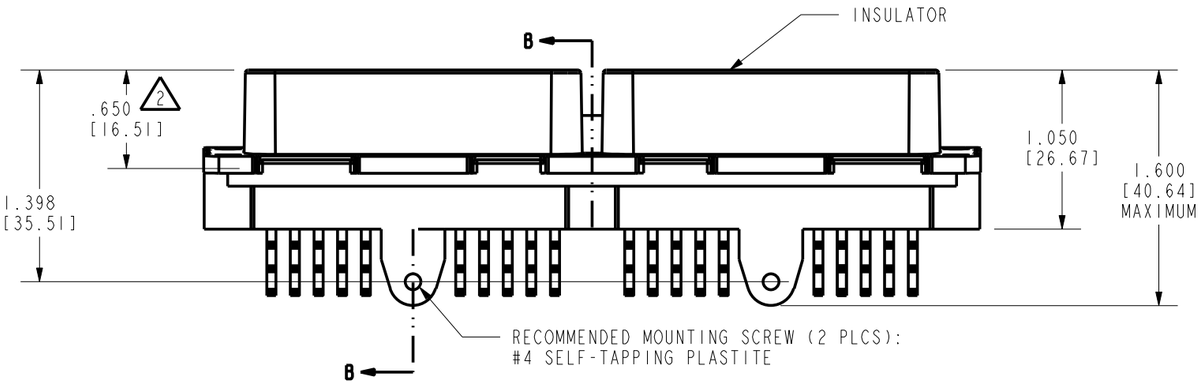
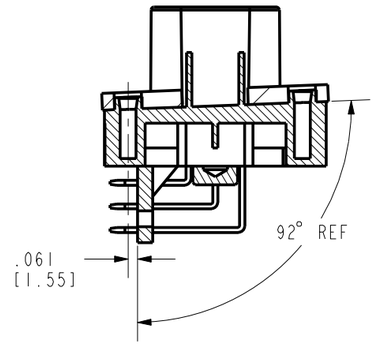



RECOMMENDED MOUNTING SCREW (6 PLCS): #4-20 (SH) SELF-TAPPING PLASTITE, 0.50 [12.7] LONG, USE ONLY IF MOUNTING MODULE WALL THICKNESS IS LESS THAN OR EQUAL TO .118 [3.00], SEE SHEET 2 FOR THE RECOMMENDED BOLTING PATTERN




SECTION C-C




SECTION B-B

## NOTES:

1. ALL DIMENSIONS INSIDE [BRACKETS] ARE IN MILLIMETERS.
2. 0.650 [16.51] TO BE MEASURED AT THE CENTER OF WIDTH OF CONNECTOR.
3. MATERIALS:
   TERMINAL BLADE: BRASS WITH TIN-LEAD OVER NICKEL PLATING.
   JACKSCREW BUSHINGS: BRASS, UNPLATED.
   INSULATOR: 30% GLASS FILLED PBT POLYESTER (SEE SHEET 2 FOR COLORS).
   PANEL SEAL: SILICON RUBBER, COLORS: 40 DUROMETER PARTS ARE BLUE AND 40 DUROMETER PARTS ARE OXIDE RED.
   INTERFACE SEAL: SILICON RUBBER, COLOR: BLUE.
4. SOLDERABILITY MEETS USCAR 5.4.1.
5. MATES WITH A CINCH PUSH-TO-SEAT HARNESS CONNECTOR (CONSULT FACTORY).
6. STANDARD CELL PACK: QUANTITY 75 PIECES.
7. RECOMMENDED TORQUE:
   JACKSCREWS: 15-20 IN-LBS [1.7-2.3 Nm]
   PANEL SCREWS: 8.5±0.5 IN-LBS [0.9±0.1 Nm]
   PCB RETENTION SCREWS: 2-3 IN-LBS [0.23-0.34 Nm]

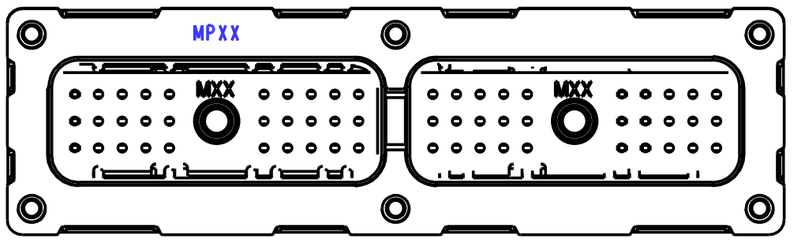
### DRAWING REVISIONS

| REV | DOCUMENT | APP | DATE |
|---|---|---|---|
| A | RELEASED TO PRODUCTION | AC | 11/16/01 |
| B | SHT-1:REVISED NOTE 3 (MATERIALS) & ADDED "BOLTING PATTERN" TO RECOMMENDED MOUNTING SCREW. SHT-2:ADDED P/N 581-01-60-013 & -014, ADDED "BOLTING PATTERN" TO MOUNTING HOLE/MODULE CASE OPENING PER ECN#05A619 | | |

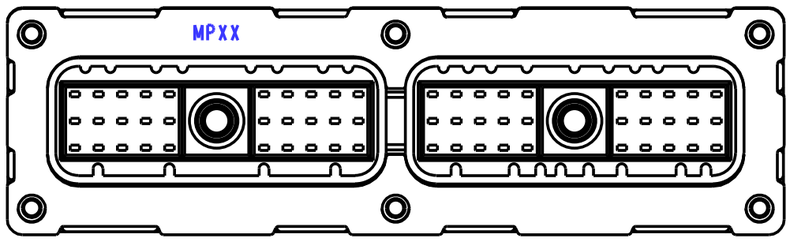
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|---|---|---|---|
| UNITS: ENGLISH | PRO/E | Cinch | MODELED BY: J. DRYE<br>1700 FINLEY RD<br>LOMBARD, IL. 60148 |
| DO NOT SCALE DRAWING | DRAWN BY: J. TOBACK | DATE: 11/16/01 | TITLE: CONNECTOR ASSEMBLY, RECEPTACLE 60 POSITION |
| | DESIGN ENGINEER: J. TOBACK | 11/16/01 | MATERIAL / CONTROL SPEC NUMBER |
| | DESIGN ENGINEERING MGR.: A. CAINES | 11/16/01 | MATERIAL SPEC NUMBER / FINISH / PROJECT NUMBER: C13184 |
| THIS DOCUMENT IS THE PROPERTY OF CINCH. NEITHER THIS DOCUMENT NOR ANY OF THE INFORMATION CONTAINED IN IT MAY BE DUPLICATED OR DISCLOSED WITHOUT PRIOR WRITTEN CONSENT OF CINCH. | MFG. ENGINEERING: P. WALTHALL | 12/06/01 | CAD FILE NUMBER: 581016001IS / DRAWING NUMBER: 581 01 60 011S |
| | QUALITY ASSURANCE: T. SHAH | 12/06/01 | CAGE IDENT NO.: 71785 / SIZE: B / SCALE: 1:1 / SHEET 1 OF 2 |

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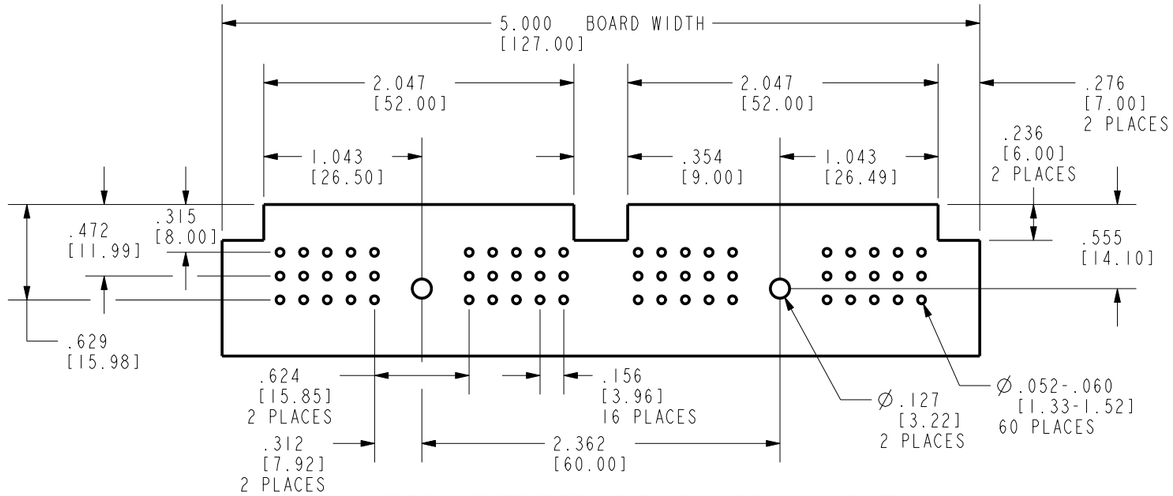
| PART NUMBER | HOUSING COLOR | POLARIZATION | PANEL SEAL COLOR |
|---|---|---|---|
| 581 01 60 011 | BLACK | "A" | BLUE |
| 581 01 60 012 | NATURAL, WHITE | "B" | BLUE |
| 581 01 60 013 | BLACK | "A" | OXIDE RED |
| 581 01 60 014 | NATURAL, WHITE | "B" | OXIDE RED |




POLARIZATION "A"

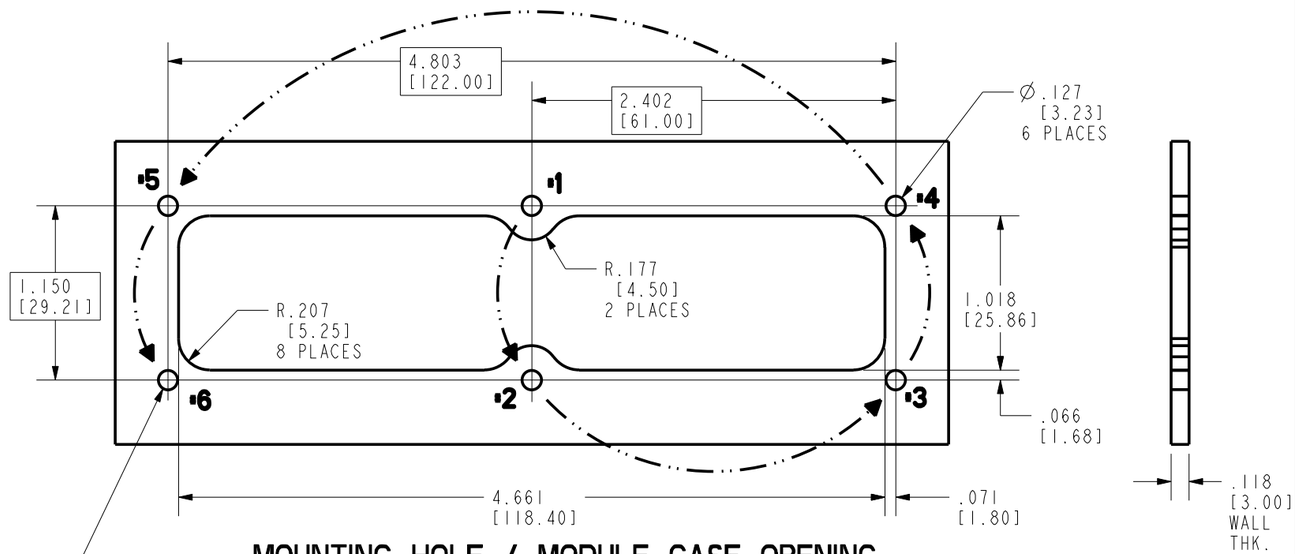



POLARIZATION "B"




RECOMMENDED P.C. BOARD LAYOUT

SCALE 1:1




MOUNTING HOLE / MODULE CASE OPENING

SCALE 1:1

RECOMMENDED BOLTING PATTERN: TO AVOID OVER-STRESSING THE PLASTIC HOUSING, TIGHTEN PANEL MOUNTING SCREWS PER THE INDICATED NUMBER SEQUENCE (1-THRU-6)

UNITS ENGLISH

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Cinch

1700 FINLEY RD
LOMBARD, IL. 60148

TITLE: CONNECTOR ASSEMBLY, RECEPTACLE
60 POSITION

PRO/E DRAWING

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| CAD FILE NUMBER | DRAWING NUMBER | REV |
|---|---|---|
| 581016001IS | 581 01 60 011S | B |
| CAGE IDENT NO. 71785 | SIZE B | SCALE 1:1 |

SHEET 2 OF 2

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