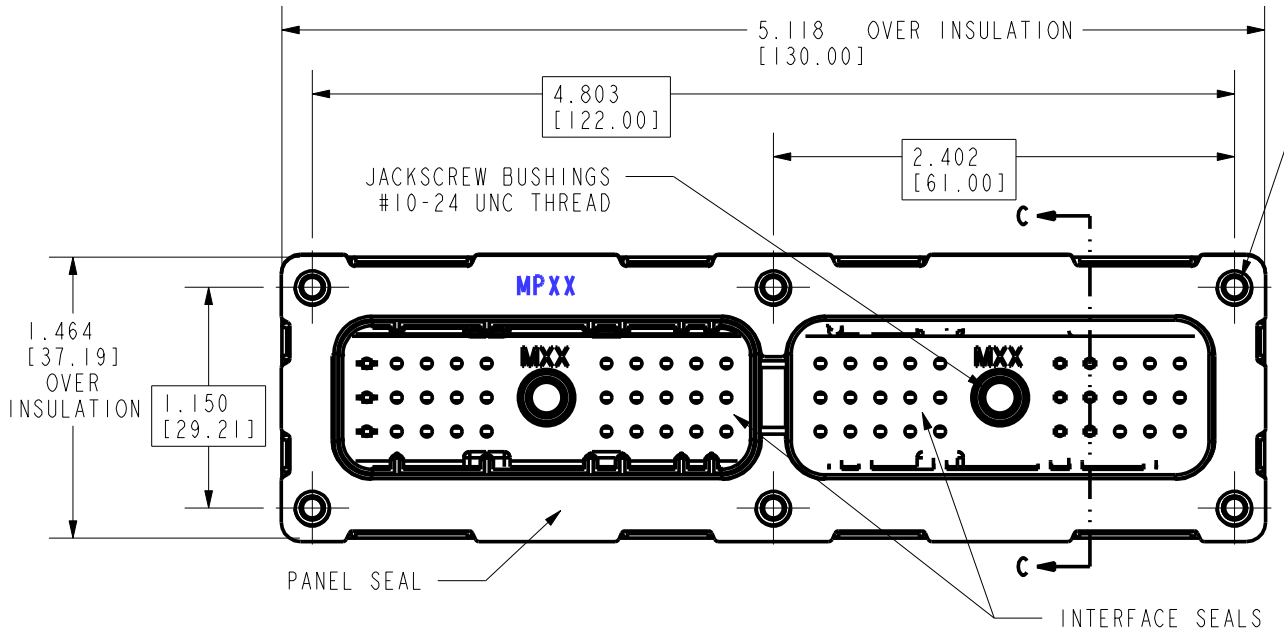
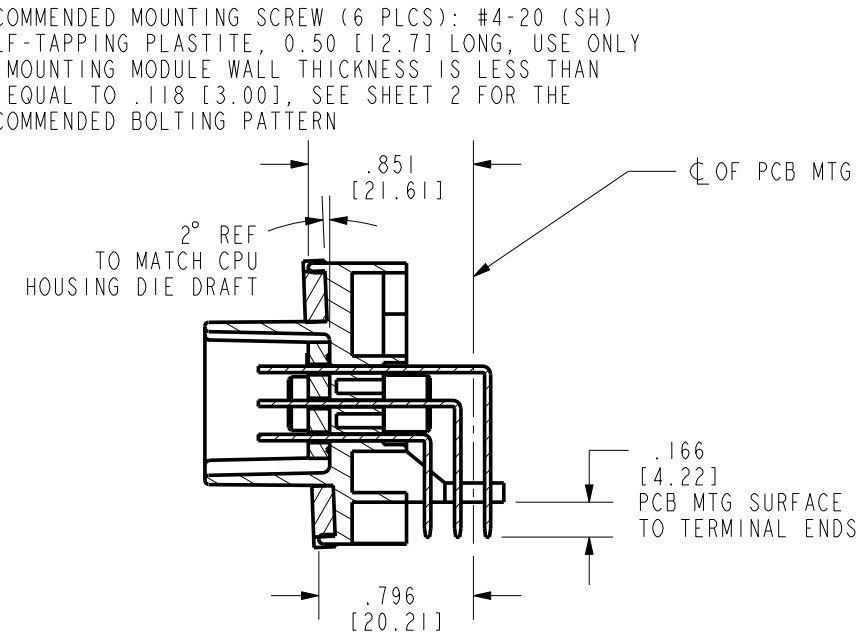
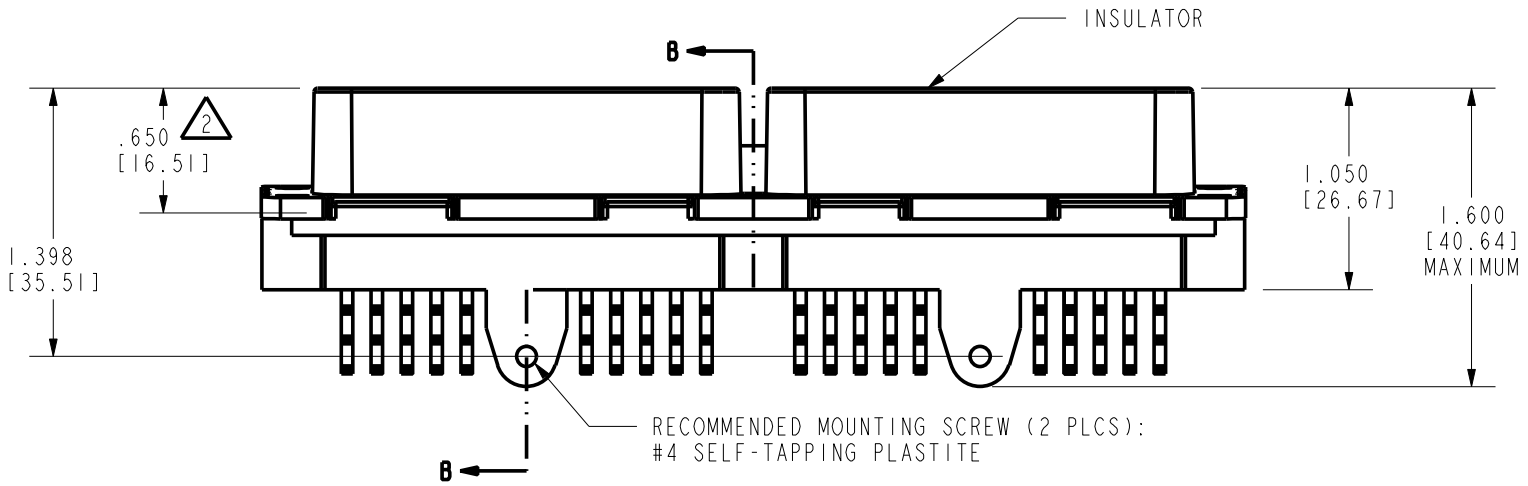
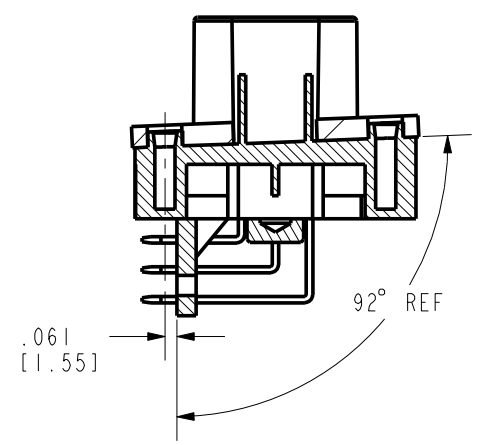




SECTION C-C





SECTION B-B

NOTES:

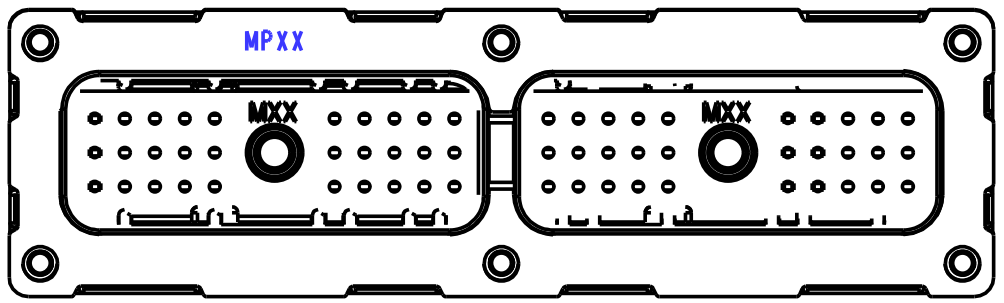
1. ALL DIMENSIONS INSIDE [BRACKETS] ARE IN MILLIMETERS.
2. 0.650 [16.51] TO BE MEASURED AT THE CENTER OF WIDTH OF CONNECTOR.
3. MATERIALS:
   TERMINAL BLADE: BRASS WITH TIN-LEAD OVER NICKEL PLATING.
   JACKSCREW BUSHINGS: BRASS, UNPLATED.
   INSULATOR: 30% GLASS FILLED PBT POLYESTER (SEE SHEET 2 FOR 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

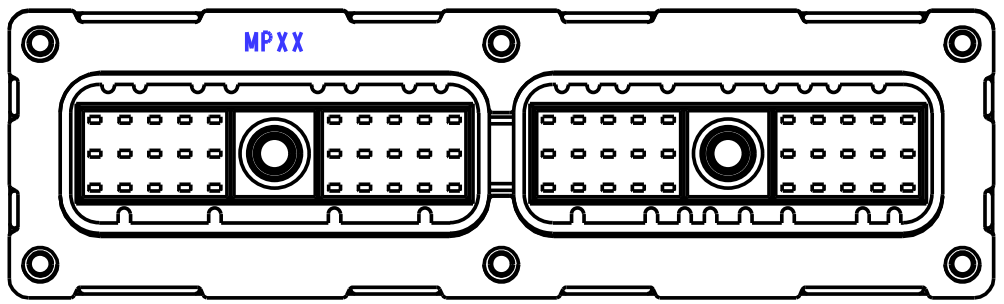
REV	DOCUMENT	APP	DATE
A	RELEASED TO PRODUCTION	AC	11/16/01
B	SHT-1:REVISED NOTE 3 (MATERIALS) & ADDED "BOLTING PATTERN" TO RECOMMENDED MOUNTING SCREW. SHT-2:ADDED P/N 581-01-60-013 & -014, ADDED "BOLTING PATTERN" TO MOUNTING HOLE/MODULE CASE OPENING PER ECN#05A619		

UNITS: ENGLISH	PRO/E	Cinch		MODELED BY: J. DRYE
DO NOT SCALE DRAWING	DRAWN BY: J. TOBACK	DATE: 11/16/01	TITLE: CONNECTOR ASSEMBLY, RECEPTACLE 60 POSITION	1700 FINLEY RD LOMBARD, IL. 60148
	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: 58101600115	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

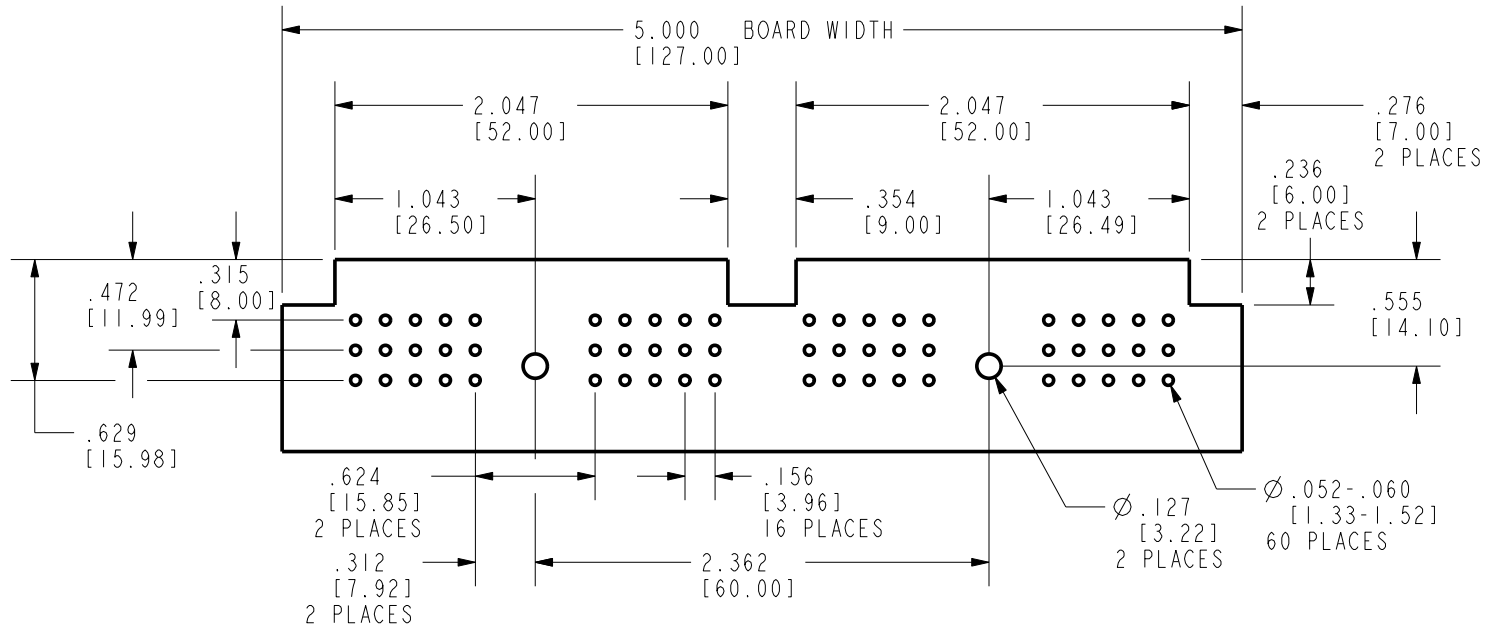
PART NUMBER	HOUSING COLOR	POLARIZATION	PANEL SEAL COLOR
581 01 60 011	BLACK	"A"	BLUE
581 01 60 012	NATURAL, WHITE	"B"	BLUE
581 01 60 013	BLACK	"A"	OXIDE RED
581 01 60 014	NATURAL, WHITE	"B"	OXIDE RED



POLARIZATION "A"

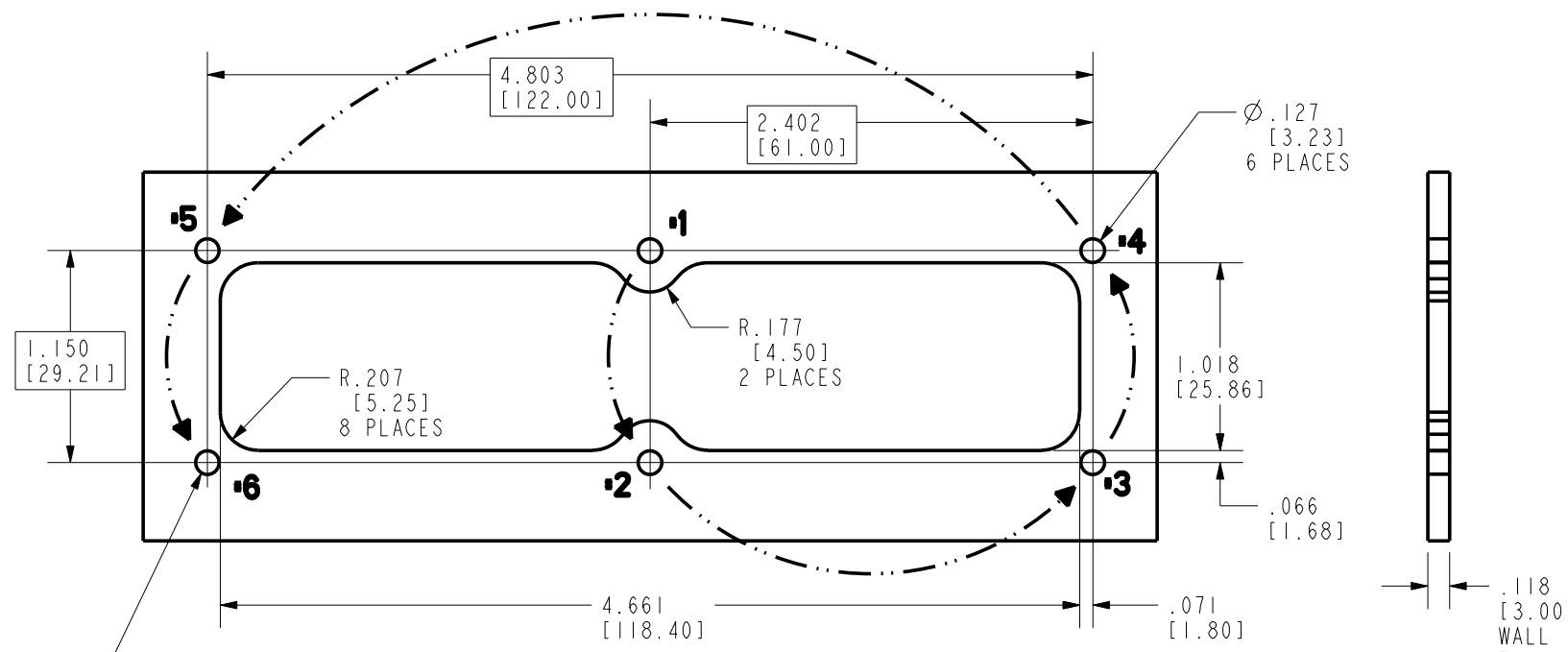


POLARIZATION "B"



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

DO NOT SCALE DRAWING

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