

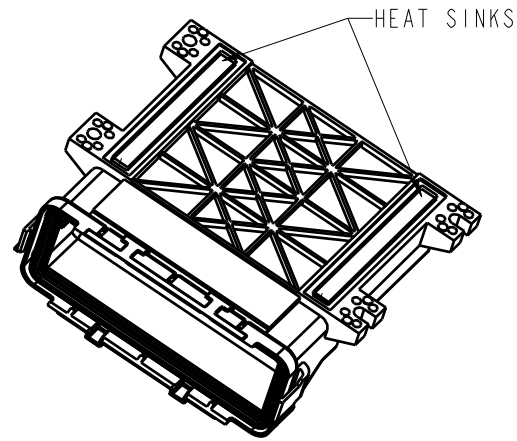
# CINCH PART NUMBER MATRIX

## DRAWING REVISIONS

| REV | DOCUMENT   | APP  | DATE    |
|-----|--|------|---------|
| A   | REL. FOR PRODUCTION<br>D.O. 05-1157  | A.C. | 7/21/05 |
| B   | ECN: 05A467<br>SHROUD MODIFIED   | A.C. | 9/27/05 |
| C   | ECN: 06A148<br>MOD. NOTE 4, A8<br>MOD. HOLE CALLOUT, A5<br>ADDED TORQUE PATTERN NOTE<br>ADDED TORQUE SPEC. NOTE<br>B1; RE-DIMENSIONED PART TO<br>5.295, WAS 5.26 | A.C. | 5/1/06  |
| D   | ECN: 07A548<br>ADDED PART NUMBERS:<br>581 01 30 057<br>581 01 30 058<br>581 01 30 059<br>ONE HEAT SINK VERSIONS<br>NOW USE SPACER;<br>REVISED TORQUE NOTE        | A.C. | 2/22/08 |

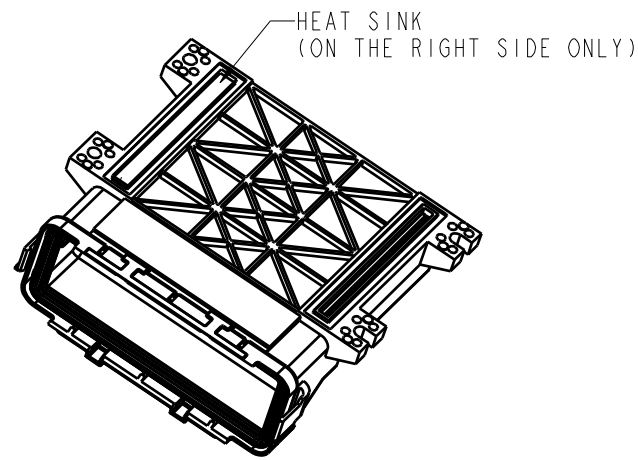
**P/N: 581 01 30 041**

**ENCLOSURE WITH TWO HEAT SINKS**



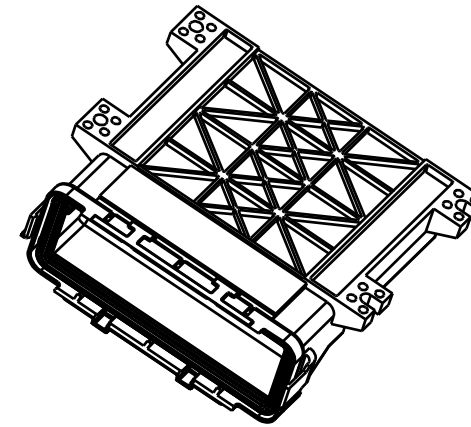
**P/N: 581 01 30 042**

**ENCLOSURE WITH ONE HEAT SINK**



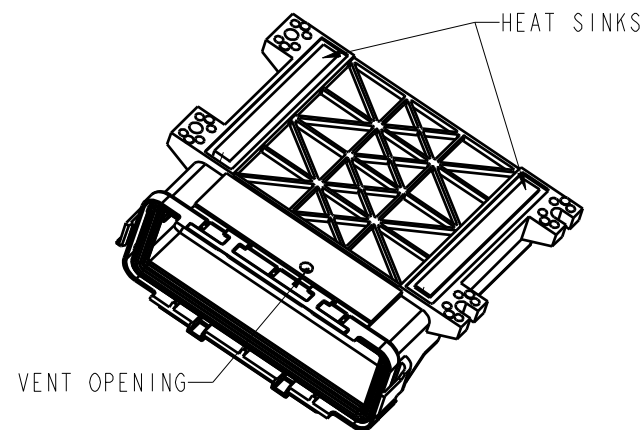
**P/N: 581 01 30 043**

**ENCLOSURE WITHOUT HEAT SINKS**



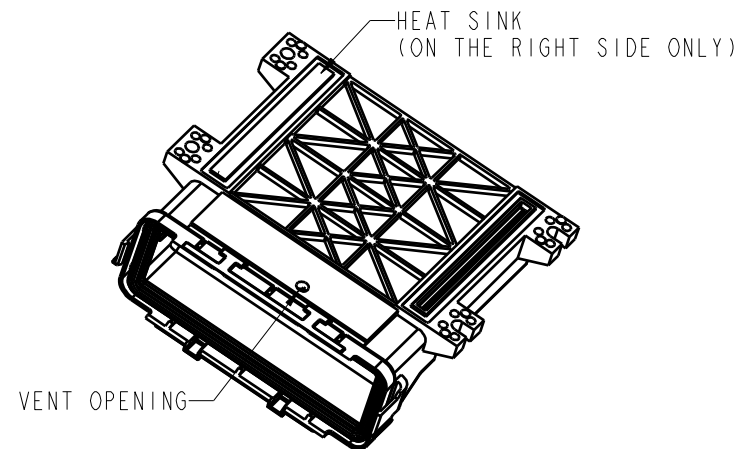
**P/N: 581 01 30 057**

**ENCLOSURE WITH TWO HEAT SINKS & MEMBRANE VENT**



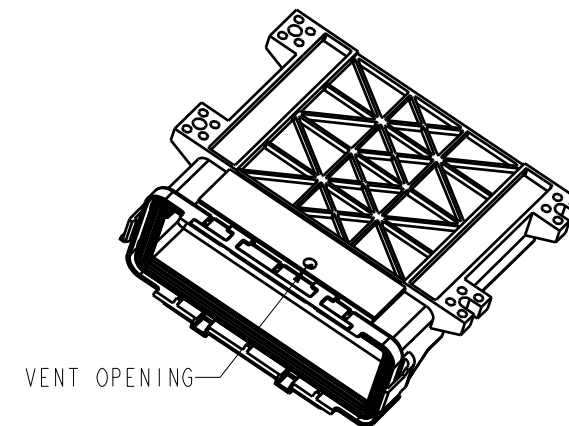
**P/N: 581 01 30 058**

**ENCLOSURE WITH ONE HEAT SINK & MEMBRANE VENT**



**P/N: 581 01 30 059**

**ENCLOSURE WITHOUT HEAT SINKS & MEMBRANE VENT**



**NOTE:**

- ALL DIMENSIONS ARE IN INCHES; DIMENSIONS IN [.XX] ARE IN mm AS REF. ONLY.
- MATERIALS:  
ENCLOSURE: 30 % GLASS FILLED POLYMER, COLOR BLACK;  
PERIPHERAL SEAL: SILICONE RUBBER, COLOR BLUE.  
HEAT SINK: ANODIZED ALUMINUM ALLOY.
- HEADERS ARE SOLD SEPARATELY (CONSULT FACTORY FOR P/N);  
FOR PCB SIZE AND REQUIREMENTS REFER TO HEADER DRAWINGS.
- STANDARD PACKAGE SIZE: 21 PARTS / CARTON BOX.

**RoHS COMPLIANT**

MODELED BY:  
B.K.

| UNITS   | ENGLISH                              | PRO/E            | Cinch                                |                                  |
|---|--------------------------------------|------------------|--------------------------------------|----------------------------------|
| DO NOT SCALE DRAWING  | DRAWN BY<br>B. KOSTIC                | DATE<br>09/14/04 | ENCLOSURE ASSEMBLY<br>MODICE SE      |                                  |
| UNLESS OTHERWISE SPECIFIED:<br>ALL DIMENSIONS ARE IN INCHES | DESIGN ENGINEER<br>B. KOSTIC         | 09/14/04         | MATERIAL<br>SEE NOTE 2.              | CONTROL SPEC NUMBER              |
| FILLET/RADII<br>.02 MAX                                     | DESIGN ENGINEERING MGR.<br>A. CAINES | 10/15/04         | MATERIAL SPEC NUMBER                 | FINISH                           |
| TOLERANCES AND<br>LIMITS APPLY OVER<br>ADDITIVE FINISH      | MFG. ENGINEERING<br>R. GARZA         | 10/28/04         | CAD FILE NUMBER<br>5810130041S_ICE30 | DRAWING NUMBER<br>581 01 30 041S |
|   | QUALITY ASSURANCE<br>R. QUIROZ       | 10/28/04         | CAGE IDENT NO. SIZE<br>71785 B       | SCALE<br>3:10                    |
|   |                                      |                  |                                      | SHEET 1 OF 2                     |

D

C

B

A

D

C

B

A

8

7

6

5

4

3

2

1

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7

6

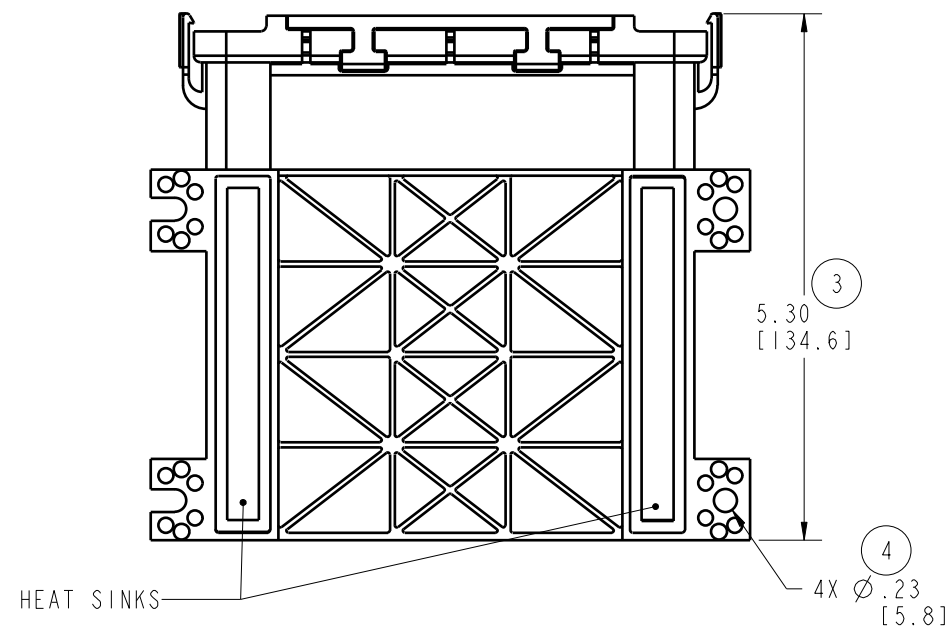
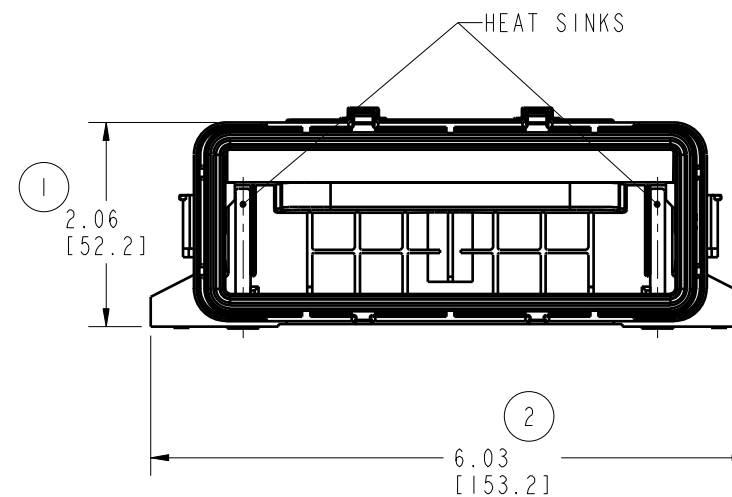
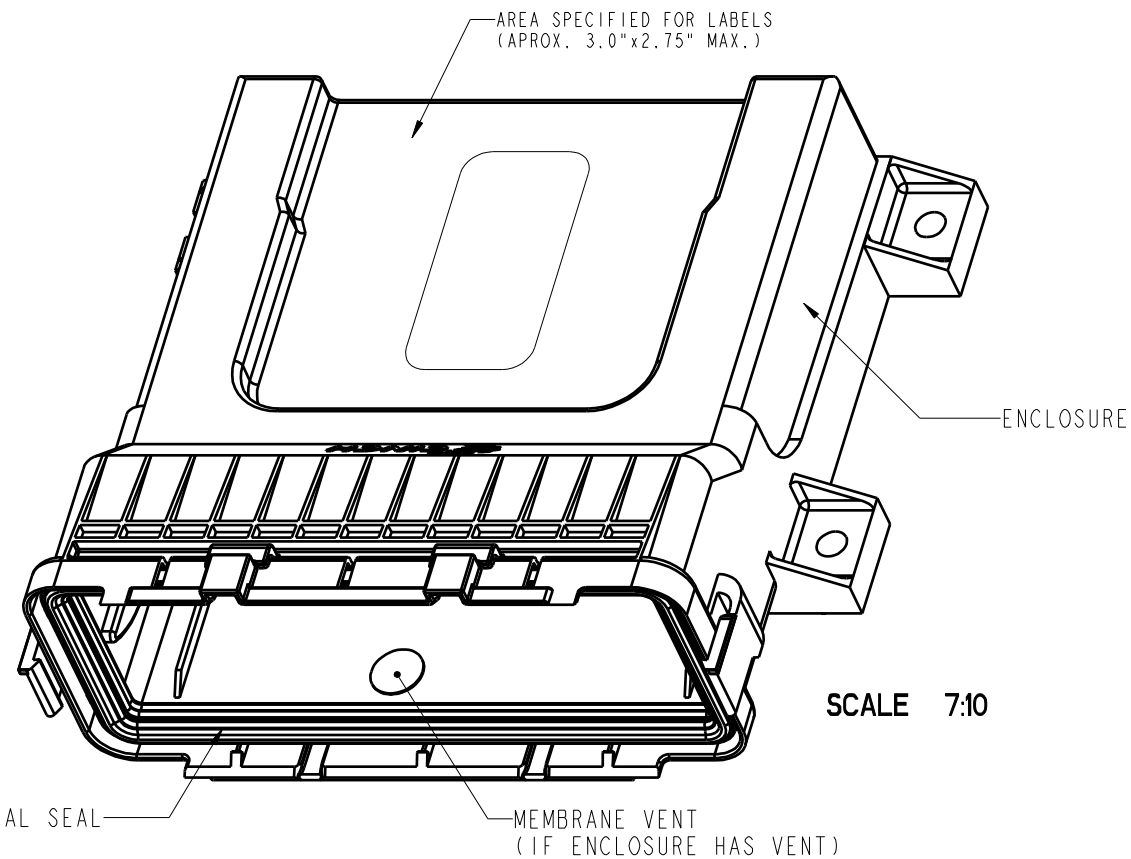
5

4

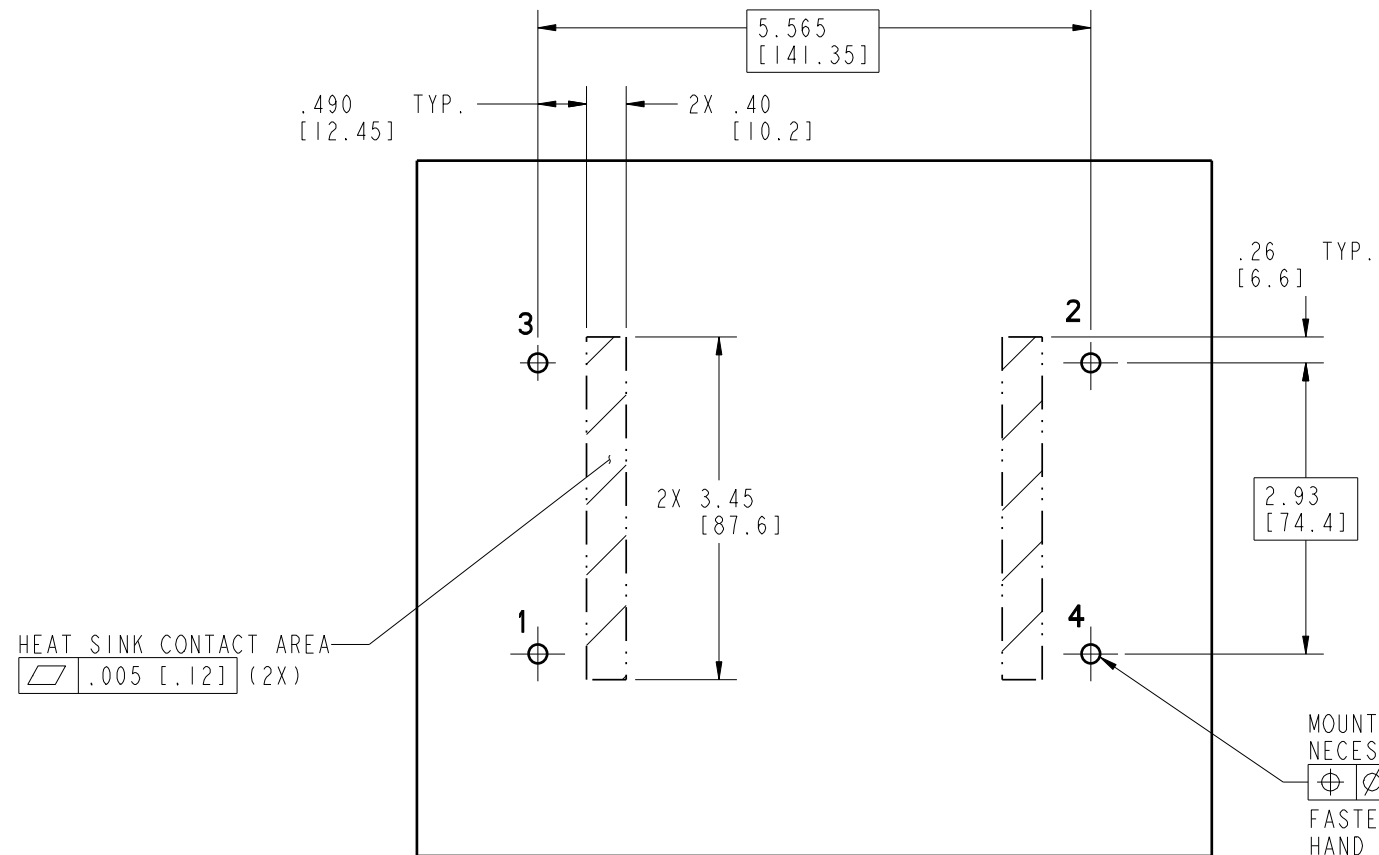
3

2

1



CINCH P/N: 581 01 30 041 SHOWN



MOUNTING BRACKET LAY-OUT

MOUNTING HOLES. HOLE SIZING AND / OR TAPPING AS NECESSARY FOR CUSTOMER MOUNTING HARDWARE

⊕ Ø.005 [.12] A

FASTENERS SHOULD BE TIGHTENED BY HAND AT EACH LOCATION, APPLYING EQUAL PRESSURE AGAINST MOUNTING SURFACE IN ALL LOCATIONS, THEN TORQUE TO 10-12 IN. LB. [1.13-1.36 Nm] FOLLOWING THE PATTERN SHOWN.  
TORQUE PATTERN: 1, 2, 3, 4

|   |  |  |                                  |                                       |  |
|---|--|--|----------------------------------|---------------------------------------|--|
| UNITS<br><b>ENGLISH</b>   |  | <b>Cinch</b>                             |                                  | 1700 FINLEY RD.<br>LOMBARD, IL. 60148 |  |
| DO NOT SCALE DRAWING  |  | TITLE<br>ENCLOSURE ASSEMBLY<br>MODICE SE |                                  |                                       |  |
| UNLESS OTHERWISE SPECIFIED:<br>ALL DIMENSIONS ARE IN INCHES   |  | PRO/E DRAWING                            |                                  |                                       |  |
| FILLET/RADII<br>.02 MAX   | TOLERANCES<br>.X ± .1<br>.XX ± .01<br>.XXX ± .005<br>ANGULAR ± .5° | CAD FILE NUMBER<br>5810130041S_ICE30     | DRAWING NUMBER<br>581 01 30 041S | REV<br>D                              |  |
| 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. |  | CAGE IDENT NO. SIZE<br>71785 B           | SCALE<br>1:2                     | SHEET 2 OF 2                          |  |