

# Natural & Painted (1590 Series)

Diecast

Countersunk lid with machine screws into drilled and tapped holes...

Vibra finished for a smooth surface with no sharp edges...

Nickel plated machine screws for superior corrosion protection...

Lap joint construction...

Low draft angle for easy P.C. board mounting...

## OTHER KEY FEATURES

- Rugged, diecast aluminum alloy (tough yet easy to machine), electronic instrument enclosure.
- Lap joint construction provides protection against access of dust and splashing water. Also provides for improved EMI/RFI shielding.
- Painted version (shown below) is painted with tough polyester powder paint for a lasting finish, even after machining.
- Four (or 6 in 1590D, 1590DD & 1590E, 8 in 1590F) 6-32 x 1/2" machine screws secure lid - into tapped holes.
- Designed to meet IP54.
- Replacement screws for natural finish series, nickel plated, 6-32 x 1/2" - **1590MS100** - Package of 100
- Replacement screws for black painted series, 6-32 x 1/2" - **1590MS50BK** - Package of 50

Countersunk lid with machine screws into drilled and tapped holes...

Vibra finished for a smooth surface with no sharp edges, then painted with tough polyester powder paint...

Enclosure uses machine screws into drilled & tapped holes matched to enclosure color...

Lap joint construction - lip masked to ensure good EMI/RFI connection to base...

50



### CANADA

Guelph, Ontario (519) 822-2960  
St. Laurent, Quebec (514) 343-9010

### USA

Cheektowaga, NY (716) 651-0086



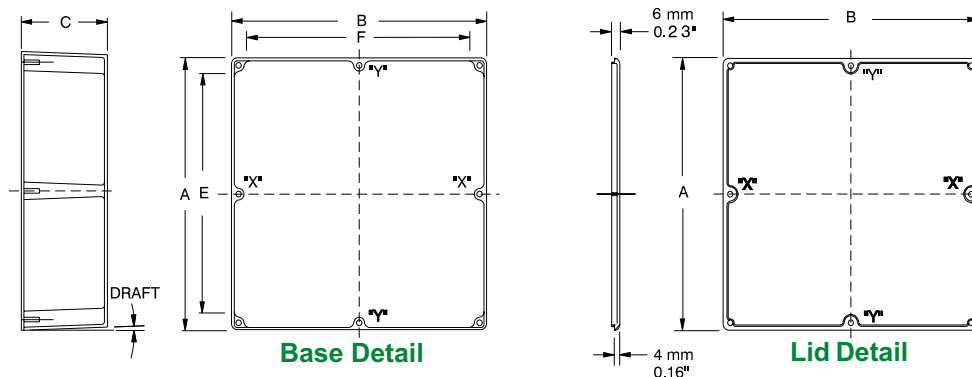
### EUROPE

Basingstoke, UK +44 1256 812812

### AUSTRALASIA

Queenstown, SA, Australia +61 8 8240 2244

# Natural & Painted (1590 Series)



| Part Number |           | Units      | Dimensions    |               |               |               |               | Apx. Draft |
|-------------|-----------|------------|---------------|---------------|---------------|---------------|---------------|------------|
| Unpainted   | Black     |            | A             | B             | C<br>(No Lid) | E             | F             |            |
| 1590LLB     | 1590LLBBK | inch<br>mm | 1.97<br>50    | 1.97<br>50    | .83<br>21     | 1.22<br>31    | 1.22<br>31    | 1°15'      |
| 1590LB      | 1590LBBK  | inch<br>mm | 1.99<br>50.5  | 1.99<br>50.5  | 1.06<br>27    | 1.36<br>34.5  | 1.36<br>34.5  | 1°15'      |
| 1590H       | 1590HBK   | inch<br>mm | 2.07<br>52.5  | 1.50<br>38    | 1.06<br>27    | 1.41<br>35.9  | .86<br>21.8   | 1°15'      |
| 1590Y       | 1590YBK   | inch<br>mm | 3.62<br>92    | 3.62<br>92    | 1.50<br>38    | 2.70<br>69    | 2.70<br>69    | 1°15'      |
| 1590A       | 1590ABK   | inch<br>mm | 3.64<br>92.5  | 1.52<br>38.5  | 1.06<br>27    | 3.01<br>76.5  | .89<br>22.5   | 1°15'      |
| 1590G       | 1590GBK   | inch<br>mm | 3.94<br>100   | 1.97<br>50    | 0.83<br>21    | 3.31<br>84    | 1.34<br>34    | 1°15'      |
| 1590S       | 1590SBK   | inch<br>mm | 4.35<br>110.5 | 3.21<br>81.5  | 1.57<br>40    | 3.72<br>94.5  | 2.58<br>65.5  | 1°15'      |
| 1590B       | 1590BBK   | inch<br>mm | 4.39<br>111.5 | 2.34<br>59.5  | 1.06<br>27    | 3.76<br>95.5  | 1.71<br>43.5  | 1°15'      |
| 1590BB      | 1590BBBK  | inch<br>mm | 4.67<br>118.5 | 3.68<br>93.5  | 1.18<br>30    | 4.04<br>102.5 | 3.05<br>77.5  | 1°15'      |
| 1590U       | 1590UBK   | inch<br>mm | 4.70<br>119.5 | 4.70<br>119.5 | 2.17<br>55    | 4.07<br>103.5 | 4.07<br>103.5 | 1°15'      |
| 1590V       | 1590VBK   | inch<br>mm | 4.70<br>119.5 | 4.70<br>119.5 | 3.54<br>90    | 4.07<br>103.5 | 4.07<br>103.5 | 1°15'      |
| 1590C       | 1590CBK   | inch<br>mm | 4.72<br>120   | 3.70<br>94    | 2.07<br>52.5  | 4.09<br>104   | 3.07<br>78    | 2°         |
| 1590Q       | 1590QBK   | inch<br>mm | 4.72<br>120   | 4.72<br>120   | 1.18<br>30    | 4.09<br>104   | 4.09<br>104   | 1°15'      |
| 1590T       | 1590TBK   | inch<br>mm | 4.74<br>120.5 | 3.13<br>79.5  | 2.17<br>55    | 4.11<br>104.5 | 2.50<br>63.5  | 1°15'      |
| 1590N1      | 1590N1BK  | inch<br>mm | 4.77<br>121.1 | 2.60<br>66    | 1.39<br>35.3  | 4.09<br>103.8 | 1.92<br>48.7  | 1°15'      |
| 1590KK      | 1590KKBK  | inch<br>mm | 4.92<br>125   | 4.92<br>125   | 2.10<br>53    | 4.13<br>105   | 4.13<br>105   | 1°15'      |
| 1590K       | 1590KBK   | inch<br>mm | 4.92<br>125   | 4.92<br>125   | 2.95<br>75    | 4.27<br>108.5 | 4.27<br>108.5 | 1°15'      |
| 1590J       | 1590JBK   | inch<br>mm | 5.71<br>145   | 3.74<br>95    | 1.77<br>45    | 5.06<br>128.5 | 3.09<br>78.5  | 2°         |
| 1590P1      | 1590P1BK  | inch<br>mm | 6.01<br>153   | 3.24<br>82    | 1.81<br>46    | 5.38<br>137   | 2.48<br>63    | 2°         |
| 1590DD      | 1590DDBK  | inch<br>mm | 7.38<br>187.5 | 4.70<br>119.5 | 1.30<br>33    | 6.77<br>172   | 4.07<br>103.5 | 1°15'      |
| 1590D       | 1590DBK   | inch<br>mm | 7.38<br>187.5 | 4.70<br>119.5 | 2.05<br>52    | 6.75<br>171.5 | 4.07<br>103.5 | 2°         |
| 1590E       | 1590EBK   | inch<br>mm | 7.38<br>187.5 | 4.70<br>119.5 | 3.07<br>78    | 6.75<br>171.5 | 4.07<br>103.5 | 2°         |
| 1590F       | 1590FBK   | inch<br>mm | 7.38<br>187.5 | 7.38<br>187.5 | 2.48<br>63    | 6.75<br>171.5 | 6.75<br>171.5 | 2°         |
| 1590R1      | 1590R1BK  | inch<br>mm | 7.55<br>192   | 4.38<br>111   | 2.24<br>57    | 6.92<br>176   | 3.76<br>95.4  | 2°         |

**Notes:** Assembled height = dimension "C" + .16" (4.0 mm). Wall & lid thickness is roughly .08" (2 mm) and varies with draft due to part being cast. Posts "X" exist on parts 1590D, 1590DD & 1590E. Posts "X" & "Y" exist on part 1590F. For detailed drawings, CAD files or color photos visit our website at: [www.hammondmg.com](http://www.hammondmg.com)



**CANADA**  
Guelph, Ontario (519) 822-2960  
St. Laurent, Quebec (514) 343-9010  
**USA**  
Cheektowaga, NY (716) 651-0086



**EUROPE**  
Basingstoke, UK +44 1256 812812

**AUSTRALASIA**  
Queenstown, SA, Australia +61 8 8240 2244

Diecast

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9