

# 1594



IP  
54



## Heavy Duty (Thick Wall)



### Key Features

- Rugged electronic instrument enclosures, ideally suited for mounting printed circuit boards.
- Heavy duty, thick wall design with an average wall thickness of .13" (3.3 mm).
- Standard versions from flame retardant ABS plastic (carries a UL flammability rating of 94V-0).
- On standard versions, countersunk lid is secured with four M3 x 0.5 - 0.71" (18 mm) long, Philips machine screws threaded into integral brass bushings. Perfect for applications with repetitive assembly and disassembly are required.
- Economy version is molded in general purpose ABS plastic.
- Economy version utilizes self tapping screws into plastic posts (no brass inserts).
- Designed to meet IP54 (see gasket kit accessory below to meet IP66).
- Stocked in black and grey with matte textured finish.
- **For water-tight versions**, try "1594W" on page 42.
- For EMI/ RFI shielded versions, try "1594RFI" on page 46 or "1594R" on page 53

### Accessories



#### Machine Screws (100-pack)

1594MS100



#### Self Tapping Screws for Economy Versions (100-pack)

1594TS100



#### Water-Tight Screws with O-Rings (100-pack)

1594WMS100

#### Gasket Kits (see table)



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# 1594



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54



## Heavy Duty (Thick Wall)

Thick walls

Standard version features machine screws into brass busings.

Lid shown with gasket accessory kit

Economy versions feature self-tapping screws into plastic posts

| Standard Version | Economy Version | Color | Units        | Length | Width | Depth (less lid) | Gasket Kit (sold as pair) |
|------------------|-----------------|-------|--------------|--------|-------|------------------|---------------------------|
| 1594ABK          | 1594ASBK        | Black | Inches<br>mm | 2.2    | 2.2   | 1.1              | 1594AGASKET               |
| 1594AGY          | 1594ASGY        | Grey  |              | 56     | 56    | 28               |                           |
| 1594BBK          | 1594BSBK        | Black | Inches<br>mm | 3.2    | 2.2   | 1.1              | 1594BGASKET               |
| 1594BGY          | 1594BSGY        | Grey  |              | 81     | 56    | 28               |                           |
| 1594CBK          | 1594CSBK        | Black | Inches<br>mm | 4.1    | 2.6   | 1.3              | 1594CGASKET               |
| 1594CGY          | 1594CSGY        | Grey  |              | 105    | 66    | 33               |                           |
| 1594DBK          | 1594DSBK        | Black | Inches<br>mm | 5.2    | 2.6   | 1.7              | 1594DGASKET               |
| 1594DGY          | 1594DSGY        | Grey  |              | 131    | 66    | 43               |                           |
| 1594EBK          | 1594ESBK        | Black | Inches<br>mm | 6.6    | 4.2   | 2.1              | 1594EGASKET               |
| 1594EGY          | 1594ESGY        | Grey  |              | 167    | 107   | 53               |                           |



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