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# Heavy Duty ABS Enclosures 1594 Series

Multipurpose, Thick Walls, Water-Tight Options

### 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 and water-tight versions, countersunk lid is secured with four M3 x 0.5 - 0.71" (18 mm) long, Phillips machine screws threaded into integral brass bushings. Perfect for applications with repetitive assembly and disassembly required.
- Economy version is molded in general purpose ABS plastic.
- Economy version utilizes self tapping screws into plastic posts (no brass inserts).
- Standard and economy versions are rated IP54, but can be upgraded to IP66 with gaskets and screws with o-rings.
- Water-tight versions are rated IP66.
- Stocked in black and grey with matte textured finish.
- For EMI/ RFI shielded versions, try "1594RFI" or "1594R."



### Notes:

- Replacement machine screws for standard versions are sold in packs of 100 (part number **1594MS100**)
- Replacement self-tapping screws for economy versions are sold in packs of 100 (part number **1594TS100**)
- Replacement machine screws with o-rings for water-tight versions are sold in packs of 100 (part number **1594WMS100**)



Available in gray or black ABS plastic



Shown with gasket installed on lid



Water-tight screw pack (**1594WMS100**) includes o-rings, sold in packs of 100.

### Part Numbers

| Flame Retardant ABS Plastic |         | Economy ABS Plastic |          | Water-Tight Flame Retardant ABS |          | Length | Width | Depth (less lid) | Replacement Gaskets |
|-----------------------------|---------|---------------------|----------|---------------------------------|----------|--------|-------|------------------|---------------------|
| Black                       | Gray    | Black               | Gray     | Black                           | Gray     |        |       |                  |                     |
| 1594ABK                     | 1594AGY | 1594ASBK            | 1594ASGY | 1594AWBK                        | 1594AWGY | 2.20   | 2.20  | 1.10             | 1594AGASKET         |
| 1594BBK                     | 1594BGY | 1594BSBK            | 1594BSGY | 1594BWBK                        | 1594BWGY | 3.20   | 2.20  | 1.10             | 1594BGASKET         |

| Flame Retardant ABS Plastic |         | Economy ABS Plastic |          | Water-Tight Flame Retardant ABS |          | Length | Width | Depth<br>(less lid) | Replacement<br>Gaskets |
|-----------------------------|---------|---------------------|----------|---------------------------------|----------|--------|-------|---------------------|------------------------|
| Black                       | Gray    | Black               | Gray     | Black                           | Gray     |        |       |                     |                        |
| 1594CBK                     | 1594CGY | 1594CSBK            | 1594CSGY | 1594CWBK                        | 1594CWGY | 4.10   | 2.60  | 1.30                | 1594CGASKET            |
| 1594DBK                     | 1594DGY | 1594DSBK            | 1594DSGY | 1594DWBK                        | 1594DWGY | 5.20   | 2.60  | 1.70                | 1594DGASKET            |
| 1594EBK                     | 1594EGY | 1594ESBK            | 1594ESGY | 1594EWBK                        | 1594EWGY | 6.60   | 4.20  | 2.10                | 1594EGASKET            |

Tags: plastic, ABS, heavy duty, thick wall, multipurpose, PCB, watertight

*Data subject to change without notice*

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