



*Quality Products. Service Excellence.*

## ABS Plastic Hand Held/Instrument Enclosures 1593 Series

PC Board Enclosures w/ Removeable End Panels & Battery Compartments

### Key Features:



- Electronic instrument enclosures, ideally suited for mounting printed circuit boards.
- Ergonomically designed for a comfortable fit into the user's hand.
- Designed to meet IP54 ratings.
- Recessed top for membrane display or pad.
- Units with battery door use our long life "three snap" door.
- Lap joint construction provides protection against dust accumulation and splashing water.
- Molded in a choice of black, grey, or transparent blue general purpose ABS plastic with a satin texture.
- Unit is secured with self tapping screws.
- Black and transparent blue enclosures include black screws, grey includes nickel finish screws.



### Notes:

- Due to their low profile design, the 1593S & 1593T models will only accept AAA batteries. The two AAA battery holder kit (below) is the largest holder that will fit.

#### Contoured Panel Option

Sizes K, L, N, D, & X comes with flat and contoured panels to match the profile of the case..



#### Battery Compartment Style

Sizes S, P, T, Q, & V comes with an integrated battery compartment and door.

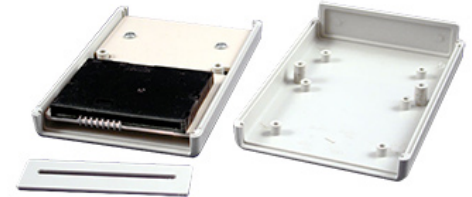


#### No Panels (Size J Only)



### Application Spotlight: Smart Card Reader

The 1593NBK, 1593NGY are designed to house smart card readers (shown with modified end panel).



## 1593 Series Accessories

### Infrared Panels

Sold in packs of 10 panels. See tables below for compatibility.



### PC Board

See tables below for compatibility.



### Aluminum End Panels

Supplied with plastic protective covering. See tables below for compatibility.



### Belt Clip

Plastic clip with nylon screws (for insulation). Includes a drill template for mounting.

**1599CLIP** (black)

**1599CLIPGY** (gray)



## Enclosure Part Numbers

| Part Number<br>Black | Part Number<br>Gray | Part Number<br>Trans Blue | Removable<br>Panels | Battery<br>Door | Length | Width | Enclosure<br>Depth |
|----------------------|---------------------|---------------------------|---------------------|-----------------|--------|-------|--------------------|
| 1593VBK              | 1593VGY             | 1593VTBU                  | 2                   | No              | 2.36   | 4.13  | 1.38               |
| 1593KBK              | 1593KGY             | 1593KTBU                  | 2                   | No              | 2.60   | 2.60  | 1.10               |
| 1593JBK              | 1593JGY             | 1593JTBU                  | 0                   | No              | 2.60   | 2.60  | 1.10               |
| 1593ARBK             | 1593ARGY            | 1593ARTBU                 | 2                   | No              | 2.95   | 2.91  | 1.06               |
| 1593SBK              | 1593SGY             | 1593STBU                  | 1                   | Yes             | 3.60   | 2.60  | 0.83               |
| 1593PBK              | 1593PGY             | 1593PTBU                  | 1                   | Yes             | 3.60   | 2.60  | 1.10               |
| 1593LBK              | 1593LGY             | 1593LTBU                  | 2                   | No              | 3.60   | 2.60  | 1.10               |
| 1593BBBK             | 1593BBGY            | 1593BBTBU                 | 2                   | No              | 3.75   | 3.00  | 1.18               |
| 1593NBK              | 1593NGY             | 1593NTBU                  | 2                   | No              | 4.30   | 2.90  | 1.00               |
| 1593WBK              | 1593WGY             | 1593WTBU                  | 2                   | No              | 4.33   | 4.13  | 1.38               |
| 1593TBK              | 1593TGY             | 1593TTBU                  | 1                   | Yes             | 4.40   | 2.60  | 0.83               |
| 1593QBK              | 1593QGY             | 1593QTBU                  | 1                   | Yes             | 4.40   | 2.60  | 1.10               |
| 1593DBK              | 1593DGY             | 1593DTBU                  | 2                   | No              | 4.50   | 1.40  | 1.00               |
| 1593YBK              | 1593YGY             | 1593YTBU                  | 1                   | Yes             | 5.50   | 2.60  | 1.10               |
| 1593XBK              | 1593XGY             | 1593XTBU                  | 2                   | No              | 5.50   | 2.60  | 1.10               |

## Replacement Screws & Accessories

| Enclosure Part<br>Number | Silver<br>Assembly | Black<br>Assembly | PC Board<br>Mounting Screws | IR Panels | Aluminum<br>Panels | PC Board |
|--------------------------|--------------------|-------------------|-----------------------------|-----------|--------------------|----------|
|--------------------------|--------------------|-------------------|-----------------------------|-----------|--------------------|----------|

| Enclosure Part Number | Silver Assembly (100-pack) | Black Screws (100-pack) | PC Board Mounting Screws (50-pack) | IR Panels (10-pack) | Aluminum Panels (10-pack) | (enclosure PCB board separately) |
|-----------------------|----------------------------|-------------------------|------------------------------------|---------------------|---------------------------|----------------------------------|
|-----------------------|----------------------------|-------------------------|------------------------------------|---------------------|---------------------------|----------------------------------|

| Beginning With | Screws (100-pack) | Screws (100-pack) | (50-pack) | (10-pack)  | (10-pack)  | (enclosure sold separately) |
|----------------|-------------------|-------------------|-----------|------------|------------|-----------------------------|
| 1593K          | 1593QS100         | 1593QS100BK       | 1593ATS50 | 1593PIR10  | 1593PAL10  | 1593KPCB                    |
| 1593J          | 1593QS100         | 1593QS100BK       | 1593ATS50 |            |            |                             |
| 1593AR         | 1591TS100         | 1591TS100BK       | SC519-50  | 1593ARIR10 | 1593ARAL10 |                             |
| 1593S          | 1593MS100         | 1593MS100BK       | 1593ATS50 | 1593SIR10  | 1593SAL10  |                             |
| 1593P          | 1593QS100         | 1593QS100BK       | 1593ATS50 | 1593PIR10  | 1593PAL10  | 1593PPCB                    |
| 1593L          | 1593QS100         | 1593QS100BK       | 1593ATS50 | 1593PIR10  | 1593PAL10  | 1593LPCB                    |
| 1593BB         | 1591TS100         | 1591TS100BK       | 1593ATS50 | 1593BBIR10 | 1593BBAL10 |                             |
| 1593N          | 1593QS100         | 1593QS100BK       | 1593ATS50 | 1593NIR10  | 1593NAL10  |                             |
| 1593T          | 1593MS100         | 1593MS100BK       | 1593ATS50 | 1593SIR10  | 1593SAL10  |                             |
| 1593Q          | 1593QS100         | 1593QS100BK       | 1593ATS50 | 1593PIR10  | 1593PAL10  | 1593QPCB                    |
| 1593D          | 1593QS100         | 1593QS100BK       | 1593ATS50 | 1593DIR10  | 1593DAL10  |                             |
| 1593Y          | 1593QS100         | 1593QS100BK       | 1593ATS50 | 1593PIR10  | 1593PAL10  |                             |
| 1593X          | 1593QS100         | 1593QS100BK       | 1593ATS50 | 1593PIR10  | 1593PAL10  |                             |

1591TS100 and 1591TS100BK are #4 x 1/2" (12.7mm) Flat head self-tapping screw 1593MS100 and 1593MS100BK are self tapping, oval head type, #4 x 0.625" (15.9 mm) 1593QS100 and 1593QS100BK are self tapping, oval head type, #4 x 0.75" (19.1 mm) SC519-50 is M2.6 x 0.6mm pan head 1593ATS50 is #4 x 1/4" pan head and also available in packs of 100 (1593ATS100)

Data subject to change without notice



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.