ABS Plastic Instrument Enclosures *1598 Series*

ABS Clam Shell Body w/ End Panels









RoHS

Features:

- Desktop electronic instrument enclosure, ideally suited for mounting printed circuit boards.
- Designed to meet IP54.
- Two sets of vertical 1.5 mm (0.062”) PC board guides are molded into front and rear of case halves.
- Integral horizontal PC card mounts on Eurocard centers.
- PC card standoffs molded into top and bottom half of enclosure require #6 x 1/4” (6.4mm) screws, not included. Order part number **1598ATS100.**
- **Some chemicals can damage or weaken plastic. Please read our Chemical Resistance Statement under Downloads for more information.**

Flame Retardant version

- Stocked in matte textured black and grey.
- Molded from flame retardant ABS plastic which carries a UL flammability rating of 94V-0.
- Enclosure halves are secured with M3 x 0.5” x 10 mm (0.39”) Phillips machine screws threaded into tapped integral brass bushings. Perfect for applications with repetitive assembly and disassembly are required.
- Front and rear panels are 1.6 mm (0.064”) brushed aluminum with protective paper on one side.

General Purpose Version

- Molded from general purpose ABS plastic (not flame retardant).
- Enclosure halves are secured with self tapping screws threaded into plastic standoffs. Not recommended for repeated assembly and disassembly.
- Available with either brushed aluminum or black plastic end panels.

Other 1598 Series

- If EMI/ RFI shielding is required, try series **1598R.**

Photo Features:



General purpose version has



Shown here in light gray



Shown here with tilt bail

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plastic assembly screw posts. Flame retardant version (pictured) has brass inserts for easier assembly.

ABS with black plastic end panels.

accessory kit installed.

Accessories for 1598 Series



Replacement natural finish aluminum and black plastic end panels are available--see part number table for compatible panels.



Aluminum panels ship with a removable adhesive backing for protection. Tilt bail kits are also available.



Replacement assembly screws for flame retardant version **1591MS100** (100-pack)
Replacement assembly screws for general purpose version **1591TS100** (100-pack)
Optional PC board mounting screws (standard or economy) **1598ATS100** (100-pack)

Part Numbers

Flame Retardant Version (Black)	Flame Retardant Version (Gray)	General Purpose Version (Gray)	Gen. Purpose (Gray Enclosure w/ Black Plastic Panels)	Length	Width	Depth	Tilt Bail	Aluminum End Panels (Pair)	Plastic End Panels (Pair)
1598BBK	**1598BGY**	**1598BSGY**	**1598BSGYPBK**	134	135	51		**1598PLB-AL**	**1598PLBBK**
1598ABK	**1598AGY**	**1598ASGY**	**1598ASGYPBK**	157	93	35		**1598PLA-AL**	**1598PLABK**
1598EBK	**1598EGY**	**1598ESGY**	**1598ESGYPBK**	160	159	85	**1598TH1**	**1598PLE-AL**	**1598PLEBK**
1598BBBK	**1598BBGY**	**1598BBSGY**	**1598BBSGYPBK**	179	155	35	**1598TH1**	**1598PLBB-AL**	**1598PLBBBK**
1598CBK	**1598CGY**	**1598CSGY**	**1598CSGYPBK**	180	154	51	**1598TH1**	**1598PLC-AL**	**1598PLCBK**
1598DBK	**1598DGY**	**1598DSGY**	**1598DSGYPBK**	180	205	63	**1598TH2**	**1598PLD-AL**	**1598PLDBK**
1598FBK	**1598FGY**	**1598FSGY**	**1598FSGYPBK**	250	159	41	**1598TH1**	**1598PLF-AL**	**1598PLFBK**
1598GBK	**1598GGY**	**1598GSGY**	**1598GSGYPBK**	250	159	75	**1598TH1**	**1598PLG-AL**	**1598PLGBK**
1598HBK	**1598HGY**	**1598HSGY**	**1598HSGYPBK**	281	200	41	**1598TH2**	**1598PLH-AL**	**1598PLHBK**
1598JBK	**1598JGY**	**1598JSGY**	**1598JSGYPBK**	280	200	76	**1598TH2**	**1598PLJ-AL**	**1598PLJBK**

Tags: **clamshell**, **ABS**, **aluminum panel**, **end panels**, **PCB**, **tilt bail**, **desktop**

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