ABS Plastic Multipurpose Enclosures w/ Card Guides *1591 Series*

Flame Retardant, General Purpose, Flanged Lid or Bottom









RoHS

Key Features

- Ideally suited for vertical mounting of printed circuit boards.
- Card guides are molded into all side walls and accept 1.5 mm (0.062”) thick boards.
- Lap joint construction provides protection against access of dust and splashing water.
- Designed to meet IP54.
- Standard versions are molded from easy-to-machine flame retardant ABS plastic which carries a UL flammability rating of UL94 V-0.
- Economy versions are molded from general purpose plastic and are not flame retardant.
- On standard versions the lid is secured with M3 x 10 mm Phillips machine screws, threaded into integral brass bushings. Perfect for applications when repetitive assembly and disassembly are required.
- Economy versions are assembled with self-tapping screws into fully plastic posts.
- Black enclosures include black screws, while light gray enclosures include standard nickel finish screws.
- **Some chemicals can damage or weaken plastic. Please read our Chemical Resistance Statement under Downloads for more information.**

Alternatives

- If EMI/ RFI Shielding is required, try series **1591R.**
- If card guides are not required or horizontal mounting of printed circuit boards is preferred, try series **1591XX.**
- For transparent polycarbonate versions, try series **1591T**.

Photo Features

1591 Series enclosures are available in two colors.

- **Light Gray ("GY")**
- **Black ("BK")**







Integral card guides accept 1.5 mm (0.062”) PC boards. Machine screws thread into brass bushing to attach the lid.

Available with wall mounting flanges molded into the lid.



Also available with an accessory flange attached to the bottom.

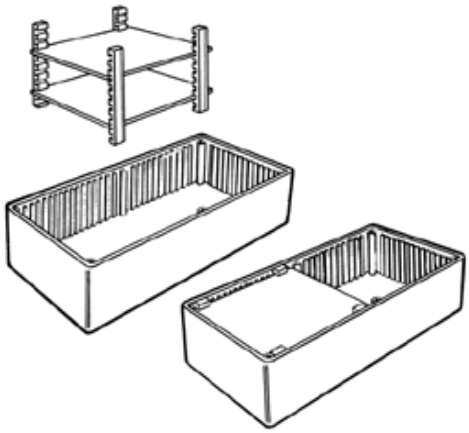
PC Board Card Adaptors:

- Allows mounting of PC boards horizontally within the enclosure.
- Molded from Flame retardant ABS plastic

Part Number **1591Z6** - Package of 6

Part Number **1591Z50** - Package of 50

Part Number **1591Z100** - Package of 100



Hardware:

- Replacement machine lid screws for standard flame-retardant versions are available in packs of 100: **1591MS100** (nickel plated) or **1591MS100BK** (black).
- Replacement self-tapping lid screws for economy versions are available in packs of 100: **1591TS100** (nickel plated) or **1591TS100BK** (black).

Enclosures Without Mounting Flanges

Flame Retardant ABS Enclosures		General Purpose ABS Enclosures					
Black	Gray	Black	Gray	Length	Width	Depth	Clear Lid Accessory
1591MBK	1591MGY	1591MSBK	1591MSGY	85	56	26	1591LC
1591LBK	1591LGY	1591LSBK	1591LSGY	85	56	39	1591LC
1591ABK	1591AGY	1591ASBK	1591ASGY	100	50	25	1591AC
1591SBK	1591SGY	1591SSBK	1591SSGY	110	82	44	1591SC
1591BBK	1591BGY	1591BSBK	1591BSGY	112	62	31	1591BC
1591CBK	1591CGY	1591CSBK	1591CSGY	120	65	40	1591CC
1591TBK	1591TGY	1591TSBK	1591TSGY	120	80	59	1591TC
1591UBK	1591UGY	1591USBK	1591USGY	120	120	59	1591UC
1591VBK	1591VGY	1591VSBK	1591VSGY	120	120	94	1591VC
1591GBK	1591GGY	1591GSBK	1591GSGY	121	94	34	1591GC
1591DBK	1591DGY	1591DSBK	1591DSGY	150	80	50	1591DC
1591HBK	1591HGY	1591HSBK	1591HSGY	166	71	29	1591HC
1591EBK	1591EGY	1591ESBK	1591ESGY	190	111	61	1591EC

Enclosures With Mounting Flanges

Flame Retardant ABS, Flanged Lid		General Purpose ABS, Flanged Lid	Flame Retardant, Bottom Flange		General Purpose ABS, Bottom Flange					
Black	Gray	Black	Black	Gray	Black	Gray	Length	Width	Depth	Clear Lid Accessory
1591MFLBK	**1591MFLGY**	**1591MSFLBK**	**1591MF2BK**	**1591MF2GY**	**1591MF2SBK**	**1591MF2SGY**	85	56	26	**1591LC**
1591LFLBK	**1591LFLGY**	**1591LSFLBK**	**1591LF2BK**	**1591LF2GY**	**1591LF2SBK**	**1591LF2SGY**	85	56	39	**1591LC**
1591AFLBK	**1591AFLGY**	**1591ASFLBK**	**1591AF2BK**	**1591AF2GY**	**1591AF2SBK**	**1591AF2SGY**	100	50	25	**1591AC**
1591SFLBK	**1591SFLGY**	**1591SSFLBK**	**1591SF2BK**	**1591SF2GY**	**1591SF2SBK**	**1591SF2SGY**	110	82	44	**1591SC**
1591BFLBK	**1591BFLGY**	**1591BSFLBK**	**1591BF2BK**	**1591BF2GY**	**1591BF2SBK**	**1591BF2SGY**	112	62	31	**1591BC**
1591CFLBK	**1591CFLGY**	**1591CSFLBK**	**1591CF2BK**	**1591CF2GY**	**1591CF2SBK**	**1591CF2SGY**	120	65	40	**1591CC**
1591TFLBK	**1591TFLGY**	**1591TSFLBK**	**1591TF2BK**	**1591TF2GY**	**1591TF2SBK**	**1591TF2SGY**	120	80	59	**1591TC**
1591UFLBK	**1591UFLGY**	**1591USFLBK**	**1591UF2BK**	**1591UF2GY**	**1591UF2SBK**	**1591UF2SGY**	120	120	59	**1591UC**
1591VFLBK	**1591VFLGY**	**1591VSFLBK**	**1591VF2BK**	**1591VF2GY**	**1591VF2SBK**	**1591VF2SGY**	120	120	94	**1591VC**
1591GFLBK	**1591GFLGY**	**1591GSFLBK**	**1591GF2BK**	**1591GF2GY**	**1591GF2SBK**	**1591GF2SGY**	121	94	34	**1591GC**
1591DFLBK	**1591DFLGY**	**1591DSFLBK**	**1591DF2BK**	**1591DF2GY**	**1591DF2SBK**	**1591DF2SGY**	150	80	50	**1591DC**
1591HFLBK	**1591HFLGY**	**1591HSFLBK**	**1591HF2BK**	**1591HF2GY**	**1591HF2SBK**	**1591HF2SGY**	166	71	29	**1591HC**
1591EFLBK	**1591EFLGY**	**1591ESFLBK**	**1591EF2BK**	**1591EF2GY**	**1591EF2SBK**	**1591EF2SGY**	190	111	61	**1591EC**

Tags: **plastic**, **card guide**, **project box**, **ABS**, **PCB**, **flanged**, **bottom flange**, **flanged lid**, **multipurpose** *Data subject to change without notice.*

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