



## Multipurpose Translucent Polycarbonate Enclosures (Ice Blue, Clear & IR Red) (1591 T Series)

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### Choice of Three Colors


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**Ice Blue**











[click to enlarge](#)
**Crystal Clear**









[click to enlarge](#)
**IR Red**

### Key Features:

- Ideally suited for mounting printed circuit boards.
- Perfect for applications where parts, sensors or indicators need to be visible.
- **Ice Blue** version is almost totally transparent to blue, white and near white LEDs, readouts & displays.
- **Crystal Clear** version is almost totally transparent.
- **IR Red** version is almost totally transparent to infrared devices.
- Integral card guides accept 1.5 mm (0.062") P.C. cards.
- Lap joint construction provides protection against access of dust and splashing water.
- Designed to meet IP54.
- Molded from flame retardant, easy to machine, translucent polycarbonate (material carries a UL flammability rating of 94V-0).
- Lid is secured with M3 x 10 mm Philips machine screws, threaded into integral brass bushings.
-  Link here to [photo tables](#) of each part number (shown in **Ice Blue**)

### Translucent Polycarbonate

Part Number	Color	Reader File	 Drawing File Size	AutoCAD .dwg Files (zipped)	.zip File Size	3D Solid Model .igs & .stp files (zipped)	3D .zip File Size	Units	Length	Width	Enclosure Depth (Less Lid)
<b>1591ATBU</b> <b>1591ATCL</b> <b>1591ATRD</b>	<b>Ice Blue</b> <b>Clear</b> <b>IR Red</b>		161K		316K		499K	Inches	3.9	2.0	0.8
								mm	100	50	21
<b>1591STBU</b> <b>1591STCL</b> <b>1591STRD</b>	<b>Ice Blue</b> <b>Clear</b> <b>IR Red</b>		145K		220K		545K	Inches	4.3	3.2	1.6
								mm	110	82	40
<b>1591BTBU</b> <b>1591BTCL</b> <b>1591BTRD</b>	<b>Ice Blue</b> <b>Clear</b> <b>IR Red</b>		148K		332K		542K	Inches	4.4	2.4	1.1
								mm	112	62	27
<b>1591CTBU</b> <b>1591CTCL</b>	<b>Ice Blue</b> <b>Clear</b>		222K		251K		512K	Inches	4.7	2.6	1.4

1591CTRD	IR Red							mm	120	65	36
1591DTBU	Ice Blue		154K		245K		581K	Inches	5.9	3.2	1.8
1591DTCL	Clear							mm	150	80	46
1591DTRD	IR Red										
1591ETBU	Ice Blue		151K		259K		688K	Inches	7.5	4.3	2.2
1591ETCL	Clear							mm	191	110	57
1591ETRD	IR Red										

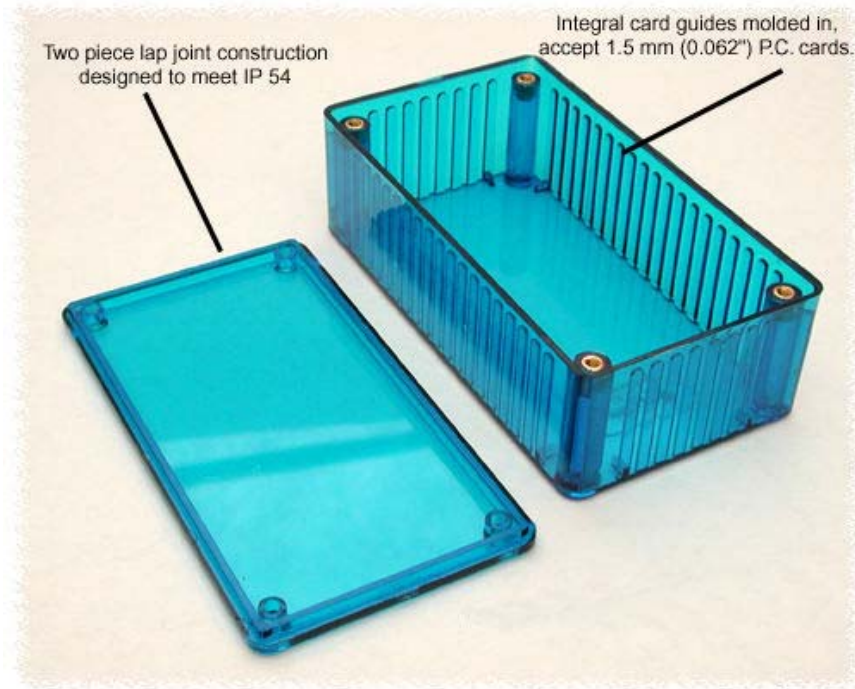


Link here to [photo tables](#) of each part number (shown in Ice Blue)

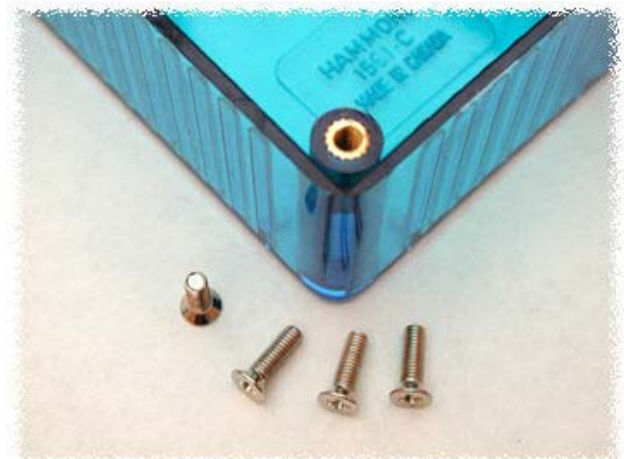
### NOTES:

- For other drawing information or if you prefer .dwg versions of these drawings e-mail [drawings@hammondmfg.com](mailto:drawings@hammondmfg.com)
- Add 0.16" (4 mm) to enclosure depth for lid

### Features (by photos):



Includes integral threaded brass inserts and machine screws providing extra strength for repeated assembly and disassembly of lid.



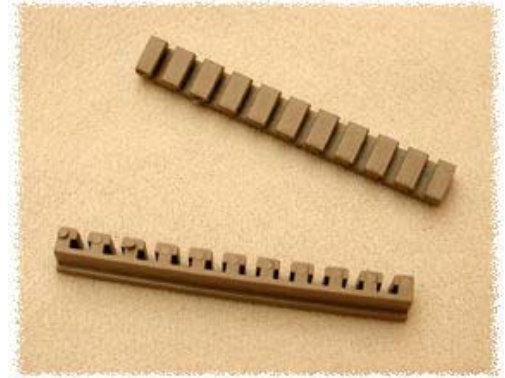
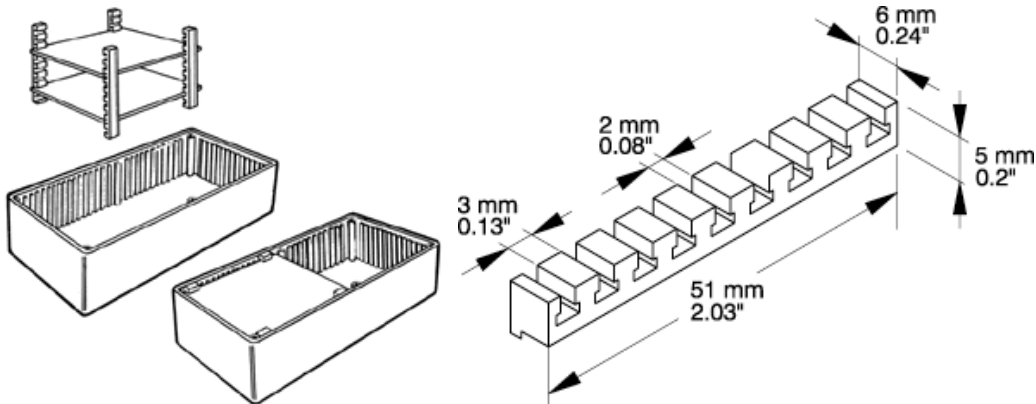
### Accessories

**Flange Kits:**[Link Here For Details](#)**Top View**

click to enlarge

**Bottom View**

click to enlarge

**P.C. Board Card Adaptors:**Part Number **1591Z6** - Package of 6Part Number **1591Z50** - Package of 50Part Number **1591Z100** - Package of 100**Replacement Screws:**Part Number **1591MS100**  
Package of 100  
M3 - 0.5 X 10mmPart Number **1591MS100BK**  
Package of 100  
M3 - 0.5 X 10mm - Black**Belt / Pocket Clip Option:**

- Molded from tough nylon (choice of Black or Grey).
- Includes 2 nylon screws (insulated to avoid internal



- interference).
- Mounting template included.

Black - Part Number **1599CLIP**  
Grey - Part Number **1599CLIPGY**

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catalog pages on this series (168K) [9C-1591T.pdf](#)

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