

Polycarbonate Enclosure Grey 160 x 80 x 55mm



DESCRIPTION

A light grey polycarbonate box with a tongue-and-groove sealing system and neoprene gasket.

DISTINCTIVE FEATURES

- Grey RAL 7035
- Non-magnetic lid fixings \varnothing 4x 20mm
- Mounting holes and fixings are outside sealed area preventing ingress of dust and moisture
- Bosses with threaded brass inserts in base for horizontal mounting of PCBs or terminals
- Temperature range -40 to +120°C
- Flame resistance rating UL94-HB

APPLICATIONS

This polycarbonate project box is designed for applications that require more strength & durability than ABS. Polycarbonate is less adversely affected by UV than ABS (ABS is more prone to discolouration and embrittlement) and so is more suitable for outdoor applications.

Designed to meet IP65 to protect against dust ingress and water spray. Suitable for safety glasses, lighting equipment, medical devices, and also ideal for outdoor & portable applications.

PC

UL94-
HB

RAL
7035

\varnothing M4x
20 mm

IP65



GENERAL SPECIFICATION

| | |
|-------------------|---|
| Series | Polycarbonate Project Boxes |
| Type | General Purpose Enclosure |
| Internal Features | Printed circuit board mounting bosses in base |
| Weight | 221g |



MATERIALS

| | |
|---------------|-------------------------|
| Material | Polycarbonate |
| Finish | Smooth |
| Colour | Grey RAL 7035 |
| Screws | Qty 4 \oplus M4x 20mm |
| Screw Inserts | Brass |
| Gasket | EPDM |



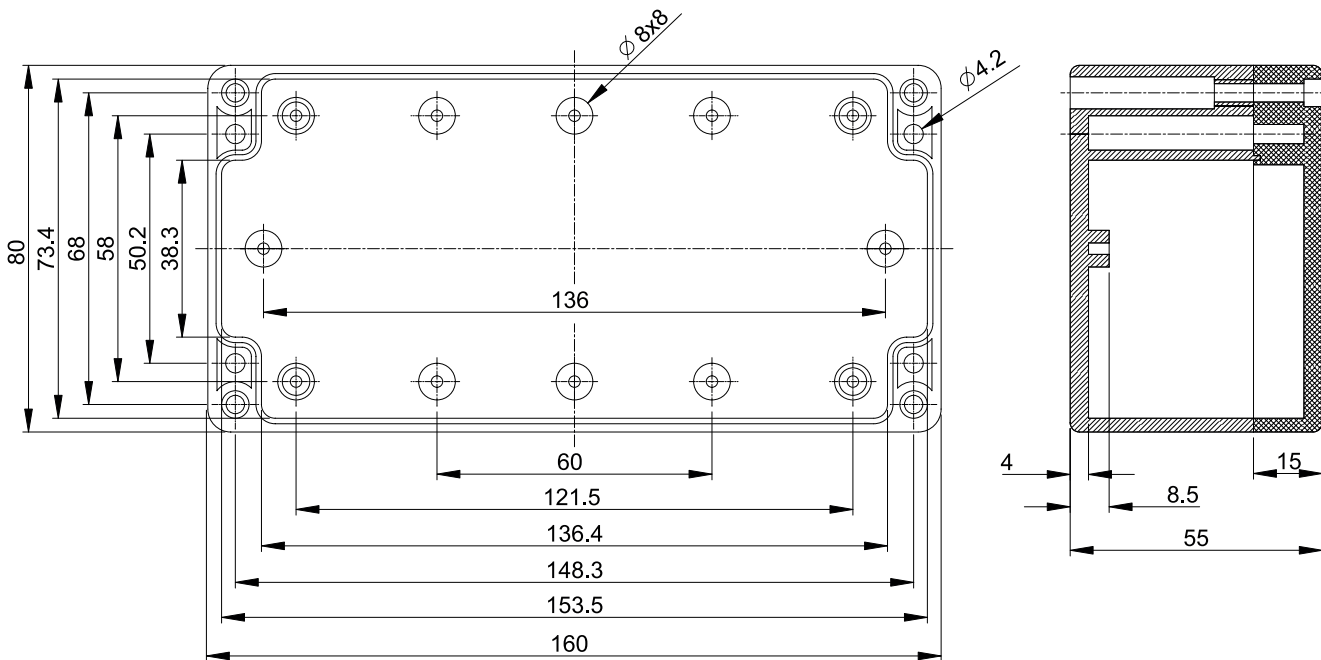
ENVIRONMENTAL/OPERATING SPECIFICATION

| | |
|-----------------------|---|
| Flame Resistance | UL94-HB |
| IP Rating | Designed to meet the requirements of IP65 (minimum) |
| Operating Temperature | -40°C to +120°C |



DIMENSIONS/DRAWINGS

| | |
|----------------|------------------------------|
| Units | mm - unless stated otherwise |
| Dimensions | 160 x 80 x 55mm |
| Wall Thickness | 4mm |



PART NUMBER TABLE

| Part Number | EAN | UNSPSC | Country of Origin |
|-------------|---------------|----------|-------------------|
| 52-4326 | 5053556004843 | 39121324 | Taiwan |

R-TECH

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