



Description

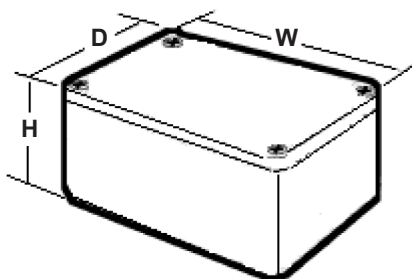
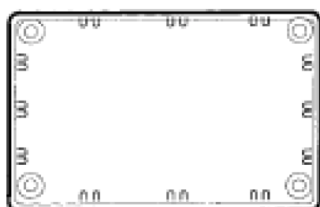
These boxes are moulded in ABS to give maximum strength but can be easily punched or drilled for individual requirements and to produce a professional looking end product. They are available in black, white and light grey. MB1, MB2, MB3, MB5 and MB8 have polished finish.

Printed circuit board slots are provided on certain types to allow ease of manufacture

Features

- Wide range of multipurpose boxes
- Integral PCB guides (except MB6, MB6W and MB6G)
- Lid retained by M3.5 screws into brass inserts
- Employ high-performance ferrites with superior frequency characteristics
- CMB4, MB6 and MB7 have matt finish
- MB4 and MB6 lids retained by 6 × 4 BA screws into brass inserts

Diagram



Overall Dimensions						Part Number & Colour		
Width (W)	Depth (D)	Height (H)	Nominal Wall Thickness	Rib Spacing Side (W)	Rib Spacing Side (D)	Black	White	Grey
216	130	85	4	20	20	-	MB4W	MB4G

Dimensions : Millimetres

Material Data

ABS material - Ronfalin 103 grade

Properties	Unit	Test Methods	
		ISO	DIN
Mechanical Properties	kJ / m ²	-	-
Charpy notched impact strength at +23 °C at -20 °C	10 7	179/2c	53453
		-	-
		-	-
Izod notched impact strength at +23 °C (thickness 6.4 mm) at -20 °C (thickness 6.4 mm)	kJ / m ² 17 9	180/3A	-
		-	-
		-	-
Tensile test Tensile strength at yield Elongation at yield	N / mm ² 49 4	R527/1C	53455-3-5
		-	-
		-	-
Flexural test Flexural strength Modulus in flexure	N / mm ² 87 2,400	178B	-
		-	53452
		-	-
Surface hardness Rockwell hardness Ball indentation hardness	R scale 110 90	-	-
		2039/2	-
		2039/1	53456
Thermal Properties	°C	75/A	53461/A
HDT Unannealed Annealed	90 97	-	-
		-	-
		-	-
Vicat softening temperature	97	306/B50	53460
Flammability properties	94HB (1.5 mm)	UL94	-
Physical Properties	kg / m ³	-	-
Density	1,050	1183/A	53479
Melt flow index	13	1133/19	53735/U
Gloss	59	-	67530
Processing temperatures	200 to 230 °C	-	-

Part Number Table

Description	Part Number
Multipurpose Boxes with Lids, Grey	MB4G
Multipurpose Boxes with Lids, White	MB4W

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.