

145-268 > 270

PLASTIC BOXES

Our ABS plastic BIMBOXES basically fall into 3 groups encompassing multi-purpose boxes for housing a wide range of electrical and electronic units, potting boxes, where total encapsulation is needed, and a pair of oddments boxes with 12 or 18 compartments for keeping tidy nuts, bolts and tags etc.

MULTI-PURPOSE BIMBOXES

Comprising the BIM 2000 and BIM 4000 ranges, these boxes are available in white, blue, orange, black and grey and, except for BIM 2007 they all incorporate 1.8mm slots on 5mm centres for vertically mounting pcb's. However, by utilising 4 BIMDAPTORS (see below) pcb's can also be flat mounted either singularly or sandwich fashion. Possessing good electrical insulation properties and high impact strength, ABS is resistant to oil, grease and silicon etc. Being easily and cleanly drilled or punched and incorporating tapped brass bushes in each corner (except BIM 2007/17) into which the lid fixing screws run, both ranges will withstand temperatures of up to 85°C.

The main difference between the ranges is that the BIM 4000 range utilises a 1mm thick flat grey aluminium cover which sits 6.5mm recessed into the top of the box, whereas the BIM 2000 has a close fitting flanged lid which can, but need not be, the same colour as the base. Also of significance both practically and aesthetically are the low and high profile transparent lid options for use where viewing of, but not necessarily access to, internal components is required. The BIM 2000 is not only inherently dust, moisture and splash proof, but by using a standard sealant they can be rendered completely waterproof.

POTTING BIMBOXES

Manufactured in black ABS and complying with water absorption specification DIN 53495, these 1mm wall thickness potting boxes will withstand a temperature range of -20°C to +94°C. Capable of withstanding most environmental hazards these boxes can be machined, punched, embossed and even printed upon.

ODDMENTS BIMBOXES

Manufactured in orange High Impact Polystyrene and having a clear SAN lid that fits closely onto each internal divider to minimise overspill, these ODDMENTS BIMBOXES are available with either 12 or 18 compartments in which screws, tags, nuts and washers etc. can be stored.

BIMDAPTORS

Designed specifically for use in BIMBOXES and BIMCONSOLES having vertical pcb slots, BIMDAPTORS enable flat mounting either singularly or sandwich fashion of pcb and board assemblies.

BIMDAPTORS have 10 1.5mm slots on 5mm spacing and can be pushed onto each corner, or closer if weight necessitates, of the pcb's, with the whole assembly then being slid down into the box. Being plastic, there are no problems concerning track shorting etc. and the BIMDAPTOR can be snapped off to the correct length so that the box lid holds the assembly tightly in position. BIMDAPTORS are included with all BIM 2000 boxes, or available packed in 25's.

SPECIALS

As with all BOSS Products SPECIALS can be supplied dependent upon normal commercial quantity/viability parameters. To this extent BOSS can mould the above boxes in other plastic materials including Flame Retardant ABS, in special colours and also incorporating customer specified punchings, drillings or slots etc.

BIM 2351, 2 Series (Style C)

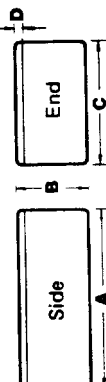
	A	B	C
BIM 2351 (18 Comp)	206	35	118
BIM 2352 (12 Comp)	206	35	118

To Order Specify 1 BIM Number

BIM 4000 Series (Style D)

	A	B	C
BIM 4003	85	35	56
BIM 4004	111	48	71
BIM 4005	161	59	96

General Wall thickness 2mm nominal
To Order Specify 1 BIM Number and 2. Colour



BIM 2000 Series (Style B)

Base	Lid	A	B	C	D
BIM 2002/12	100	25	50	4	
BIM 2003/13	112	31	62	4	
BIM 2004/14	120	46	65	4	
BIM 2005/15	150	56	80	4	
BIM 2005/25	150	46	80	30	
BIM 2006/16	190	60	110	4	
BIM 2006/26	190	56	110	34	
BIM 2007/17*	112	31	62	4	

*Moulded in Styrene with no slots

General Wall thickness 1.8mm nominal

To Order Specify 1. Base Number and Colour. 2. Lid Number and Colour

BIM 101 Series (Style A)

	A	B	C
BIM 101PB-2361	25	15	20
BIM 102PB-2362	30	15	20
BIM 103PB-2363	40	20	35
BIM 104PB-2365	50	30	40
BIM 105PB-2367	75	35	50
BIM 106PB-2368	100	25	60
BIM 107PB-2364	40	20	40
BIM 108PB-2366	50	30	50

To Order Specify 1 BIM Number