

NEW

2026



GAINTA INDUSTRIES LTD



 **G2XXMF / G3XXMF SERIES**
IP65 POLYCARBONATE & ABS ENCLOSURES
WITH MOUNTING FLANGE

 **G2XXMF-IP67 / G3XXMF-IP67 SERIES**
IP67 POLYCARBONATE & ABS ENCLOSURES
WITH MOUNTING FLANGE

 **P2XXMF-IP68 / A3XXMF-IP68 SERIES**
IP68 POLYCARBONATE & ABS ENCLOSURES
WITH MOUNTING FLANGE





30 Years of Experience in Product Development

GAINTA, a privately owned Taiwan company, is one of the largest enclosure manufacturers in Asia, and is the market leader in thermoplastic enclosures used for protecting electrical and electronic components operating in hostile environments. GAINTA enclosures are manufactured in modern factories located in Taiwan .

Whatever your application, the GAINTA enclosure family features the widest range of high quality enclosures for the packaging and protection of electrical and electronic components and systems. Enclosures can be delivered in standard off the shelf configurations or customized to your exact specifications .

Continuous Product Development

The GAINTA enclosure range features over 1000 different standard enclosures made of polycarbonate, ABS, aluminium die-casting & extrusion. GAINTA is the industry leader in developing both new products and new technologies for molding thermoplastic enclosures. At GAINTA, we consider molding technology an essential part of product development .

But more important than technical leadership, is the GAINTA commitment to understanding the needs of its customers. All our products are designed in close cooperation with our customers. We use input from our global customer base to produce new enclosure ranges, useful accessories and on-going product improvements and enhancements .

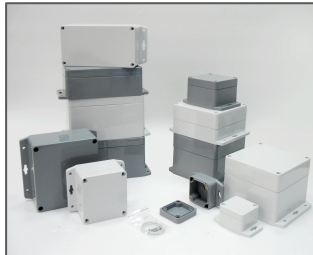
CONTENTS

G2XXMF / G3XXMF SERIES

Page 01

IP65 POLYCARBONATE AND ABS ENCLOSURES WITH MOUNTING FLANGE

- G2XXMF series : Light grey (ex : G250MF , G250CMF)
- G3XXMF series : Dark grey (ex : G362MF)



G2XXMF-IP67 / G3XXMF-IP67 SERIES

Page 06

IP67 POLYCARBONATE AND ABS ENCLOSURES WITH MOUNTING FLANGE

- G2XXMF-IP67 series : Light grey (ex : G250MF-IP67 , G250CMF-IP67)
- G3XXMF-IP67 series : Dark grey (ex : G362MF-IP67)



P2XXMF-IP68 / A3XXMF-IP68 SERIES

Page 11

IP68 POLYCARBONATE AND ABS ENCLOSURES WITH MOUNTING FLANGE

- P2XXMF-IP68 series : Light grey (ex : P200MF-IP68 , P200CMF-IP68)
- A3XXMF-IP68 series : Dark Grey (ex : A300MF-IP68)



IP65 POLYCARBONATE AND ABS ENCLOSURES WITH MOUNTING FLANGE



PRODUCT INFORMATION

- The lid and base incorporate a tongue and groove sealing system with a EPDM gasket.
- Wall mounting holes and lid fixing screws are outside the sealing area thus preventing the ingress of moisture and dust.
- Designed to IP65 of IEC 529 (Dust and Hoseproof).
- Bosses on internal base allow fixing of PCB's horizontally or connection of terminals with M3X4mm self-tapping screws.
- Internal guide slots for mounting PCB assemblies vertically.
- Available with clear or light grey lids.



G287MF



G287CMF



G396MF

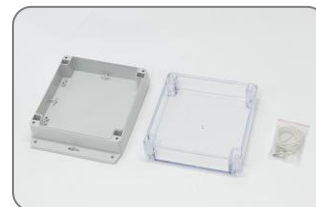
PC

(G2XXMF)
(G2XXCMF)

- Material : Polycarbonate (UL94-HB).
- Moulded in : Light grey.
- Operating temperature : -40°C to 120°C.
- Clear lid is available on request.
- Mounting flange is designed on the bottom of the base, so the base can be mounted with pan head type of screws on the wall easily.



G287MF



G287CMF



G396MF

ABS

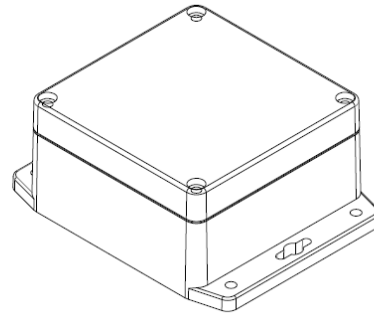
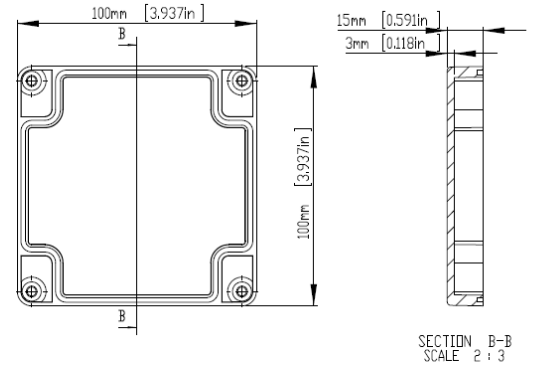
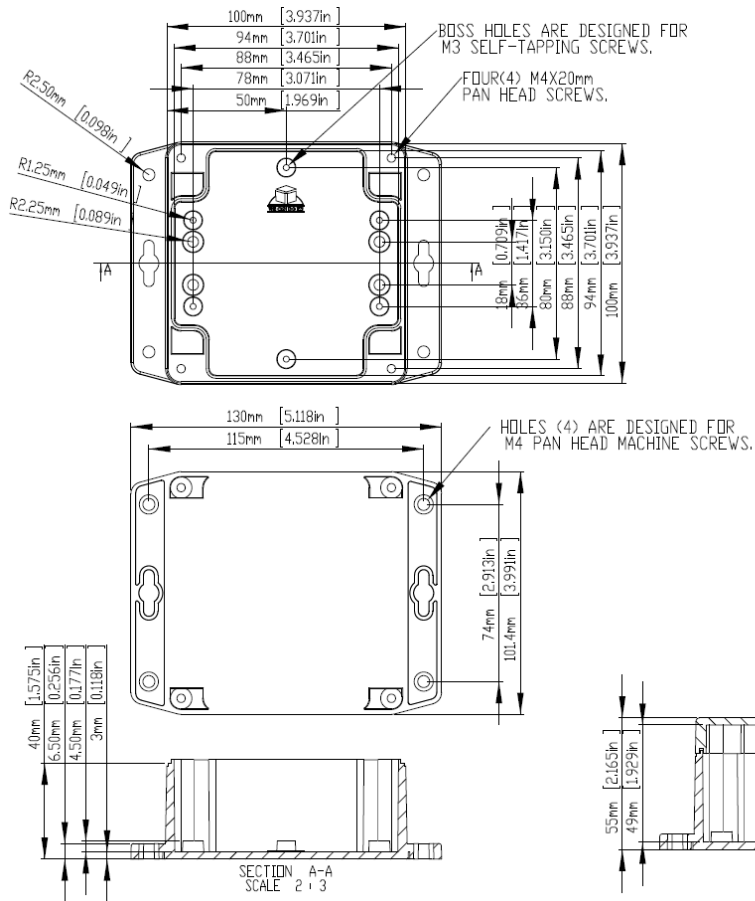
(G3XXMF)

- Material : High Impact ABS (UL94-HB).
- Moulded in : Dark grey.
- Operating temperature : -20°C to 60°C.
- Mounting flange is designed on the bottom of the base, so the base can be mounted with pan head type of screws on the wall easily.

MATERIAL : POLYCARBONATE		EXTERNAL DIMENSION(mm)	MATERIAL : ABS
Light Grey Lid + Light Grey Base	Clear Lid + Light Grey Base		Dark Grey Lid + Dark Grey Base
Item No.	Item No.		Item no.
G200MF	G200CMF	90 x 35 x 35	G300MF
G201MF	G201CMF	64 x 58 x 35	G302MF
G203MF	G203CMF	115 x 65 x 40	G304MF
G205MF	G205CMF	115 x 65 x 55	G308MF
G212MF	G212CMF	115 x 90 x 55	G311MF
G214MF	G214CMF	171 x 121 x 55	G313MF
G218MF	G218CMF	222 x 146 x 55	G317MF
G221MF	G221CMF	115 x 90 x 80	G331MF
G223MF	G223CMF	171 x 121 x 80	G340MF
G232MF	G232CMF	222 x 146 x 75	G353MF
G250MF	G250CMF	52 x 50 x 35	G362MF
G256MF	G256CMF	82 x 80 x 55	G366MF
G258MF	G258CMF	160 x 80 x 55	G368MF
G265MF	G265CMF	160 x 80 x 85	G369MF
G278MF	G278CMF	120 x 120 x 60	G386MF
G279MF	G279CMF	120 x 120 x 90	G387MF
G2393MF	G2393CMF	265 x 185 x 120	G3913MF
NEW G2101MF	G2101CMF	100 x 100 x 55	G3102MF
NEW G2103MF	G2103CMF	100 x 100 x 80	G3104MF
NEW G2118MF	G2118CMF	200 x 150 x 55	G3123MF
NEW G287MF	G287CMF	160 x 160 x 60	G396MF
NEW G288MF	G288CMF	160 x 160 x 90	G399MF

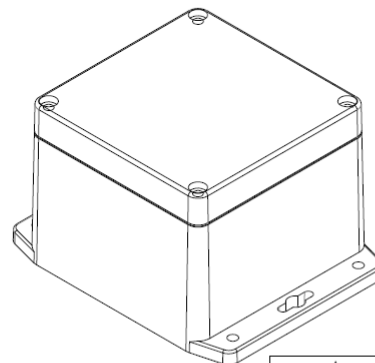
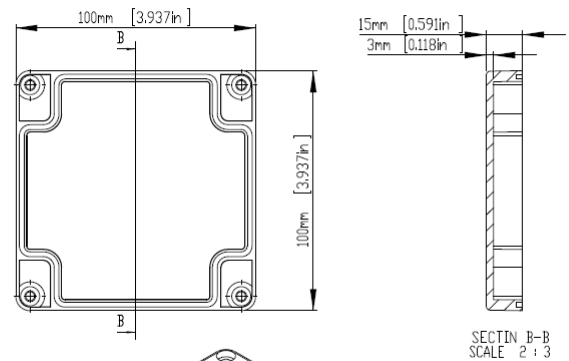
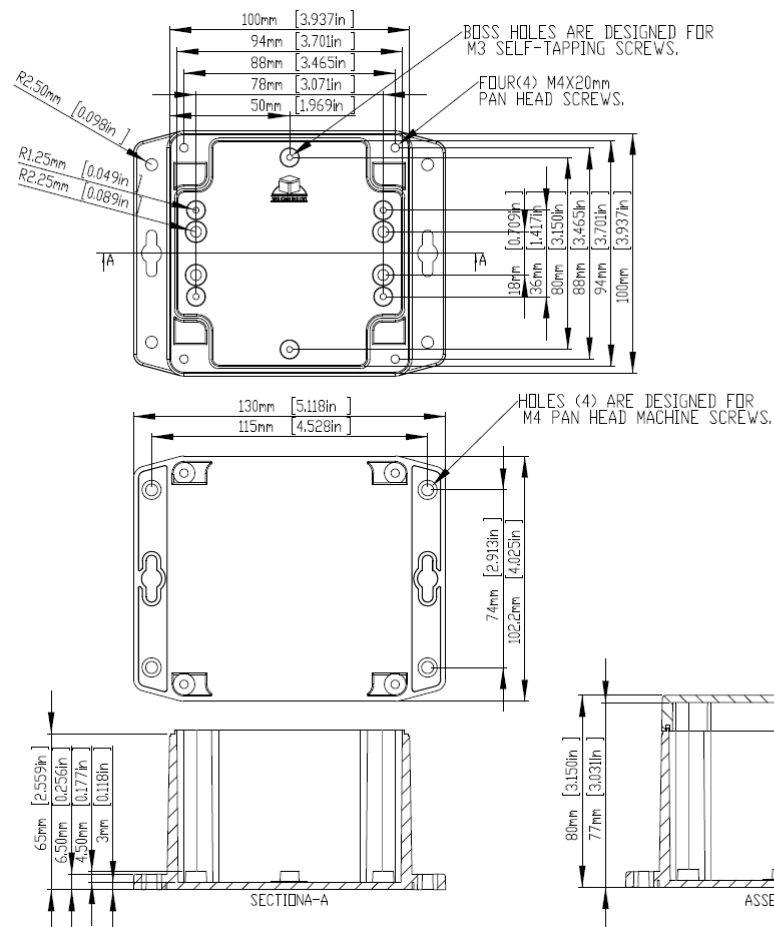
▲ Lid fixing screws are M4 stainless steel (non-magnetic) into threaded brass inserts.

G2101MF / G2101CMF / G3102MF



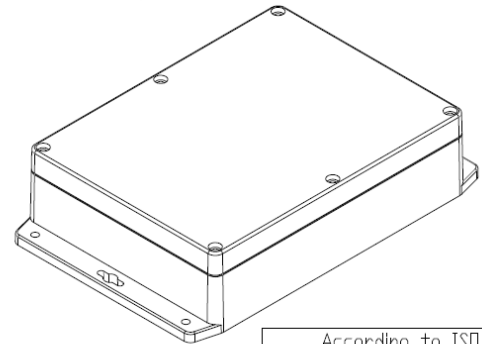
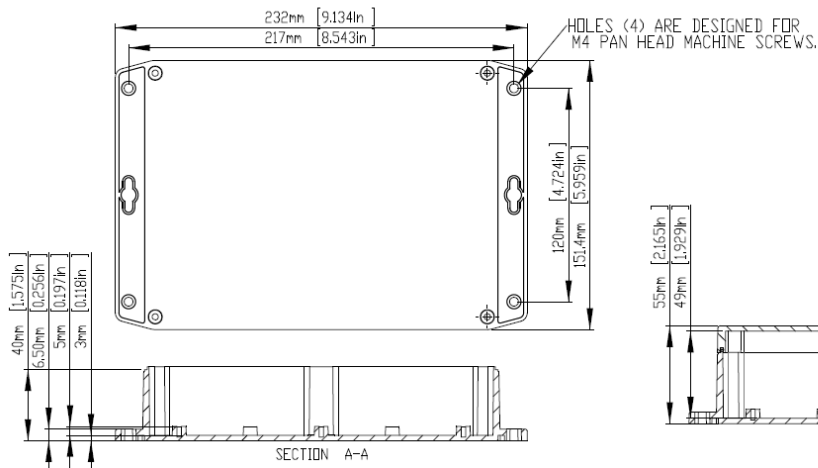
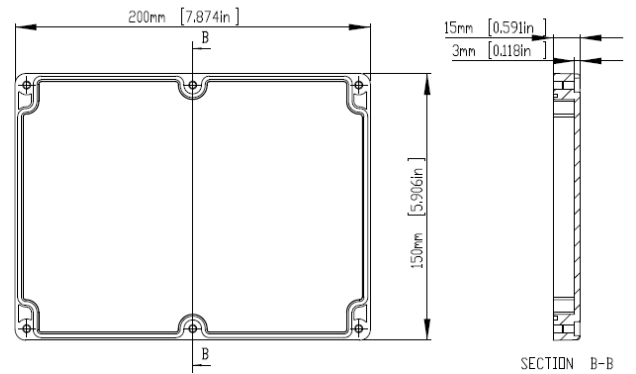
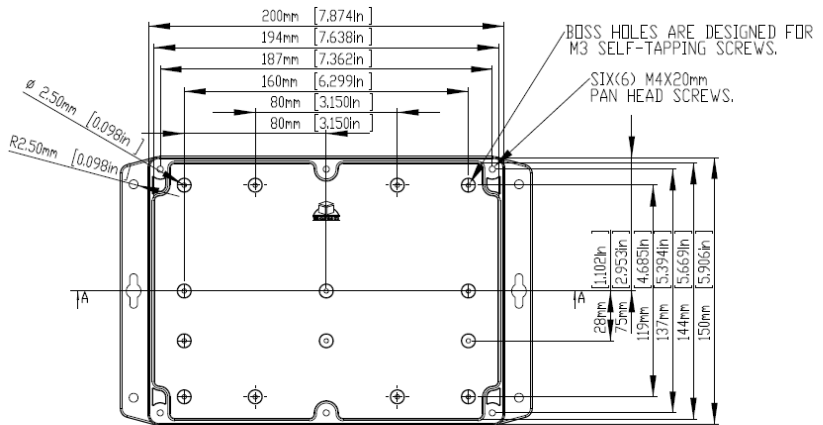
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Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

G2103MF / G2103CMF / G3104MF



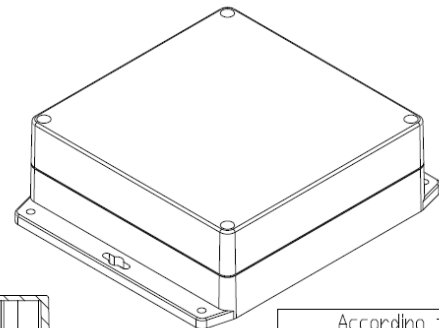
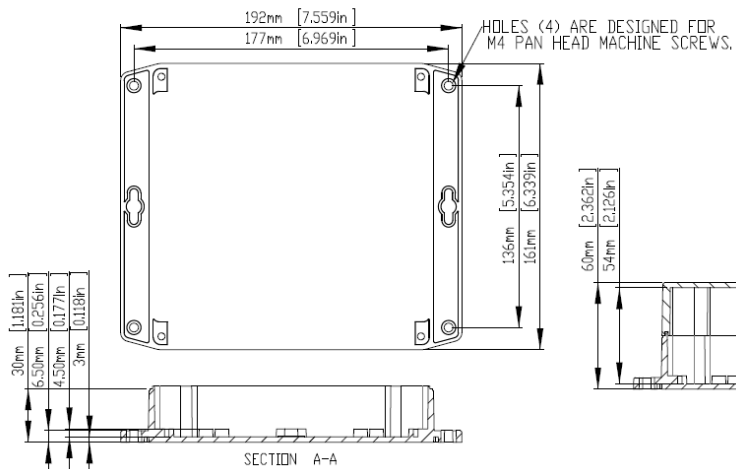
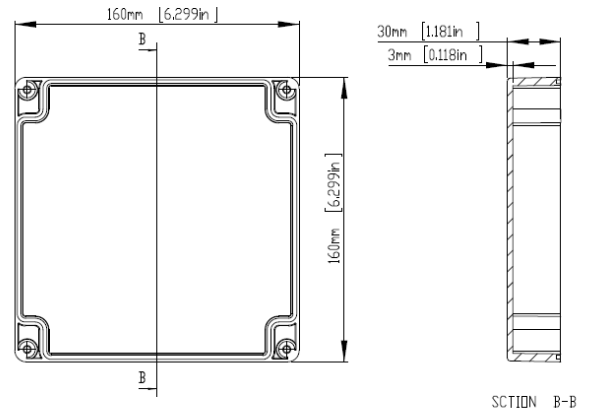
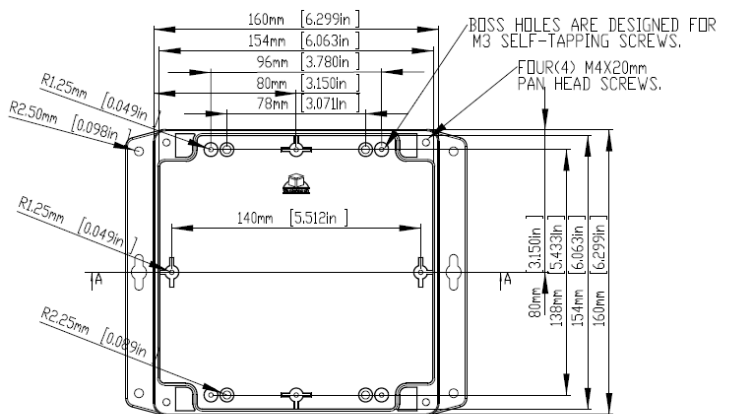
According to ISO 2768-m	
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3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

G2118MF / G2118CMF / G3123MF



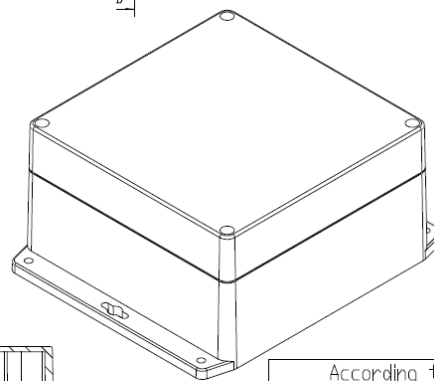
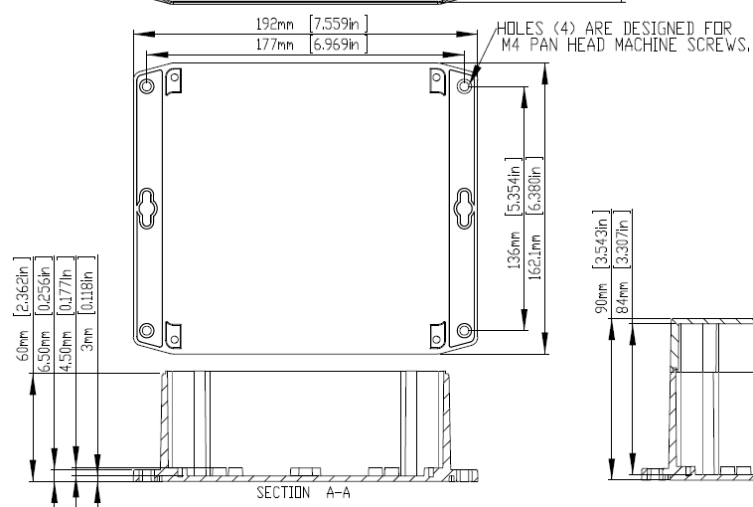
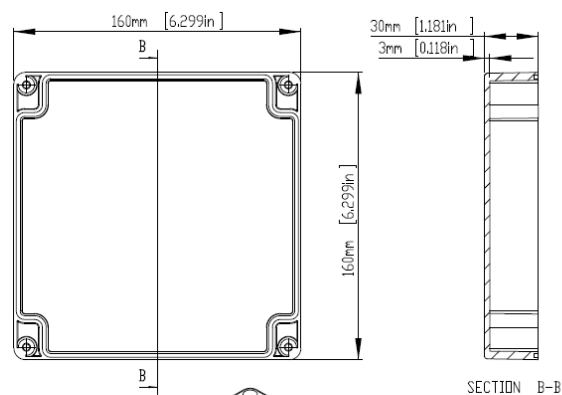
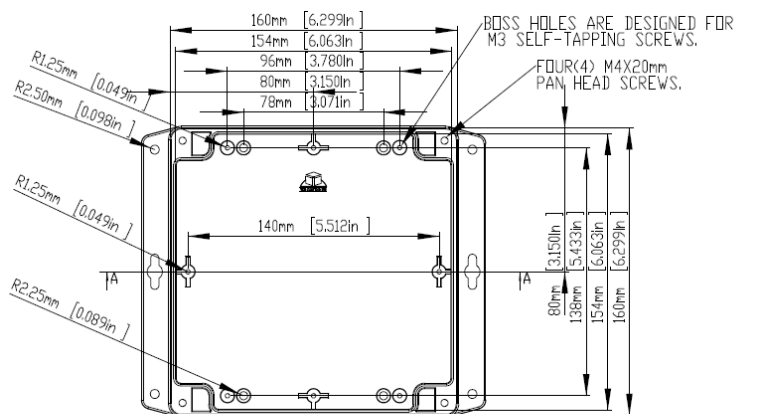
According to ISO 2768-m	
Measuring DIM=L	Tolerances
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3.0<L≤6.0 mm	±0.1mm
6.0<L≤30.0 mm	±0.2mm
30.0<L≤120.0 mm	±0.3mm
120.0<L≤400.0 mm	±0.5mm
400.0<L≤1000.0 mm	±0.8mm

G287MF / G287CMF / G396MF



According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L≤3.0mm	±0.1mm
3.0<L≤6.0 mm	±0.1mm
6.0<L≤30.0 mm	±0.2mm
30.0<L≤120.0 mm	±0.3mm
120.0<L≤400.0 mm	±0.5mm
400.0<L≤1000.0 mm	±0.8mm

G288MF / G288CMF / G399MF



According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

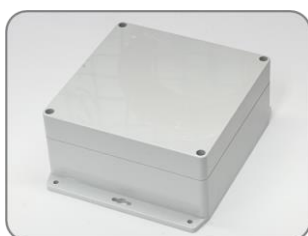
G2XXMF-IP67 / G3XXMF-IP67 SERIES

IP67 POLYCARBONATE AND ABS ENCLOSURES WITH MOUNTING FLANGE



PRODUCT INFORMATION

- The lid and base incorporate a tongue and groove sealing system with silicone adhesive.
- Wall mounting holes and lid fixing screws are outside the sealing area thus preventing the ingress of moisture and dust.
- Design to IP67 of IEC 529 (Dust and Hoseproof).
- Bosses on internal base allow fixing of PCB's horizontally or connection of terminals with M3X4mm self-tapping screws.
- Internal guide slots for mounting PCB assemblies vertically.
- Available with clear or light grey lids.



G288MF-IP67



G288CMF-IP67

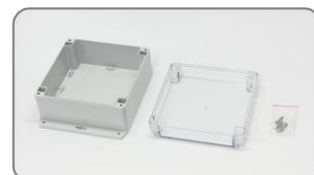


G399MF-IP67

Content



G288MF-IP67



G288CMF-IP67



G399MF-IP67

PC

(G2XXMF-
IP67)

(G2XXCMF-
IP67)

- Material : Polycarbonate (UL94-HB).
- Moulded in : Light grey.
- Operating temperature : -40°C to 120°C.
- Clear lid is available on request.
- Mounting flange is designed on the bottom of the base, so the base can be mounted with pan head type of screws on the wall easily.

ABS

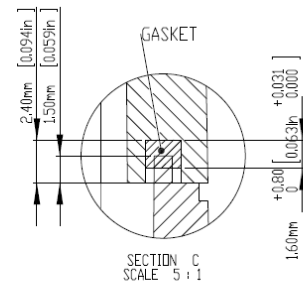
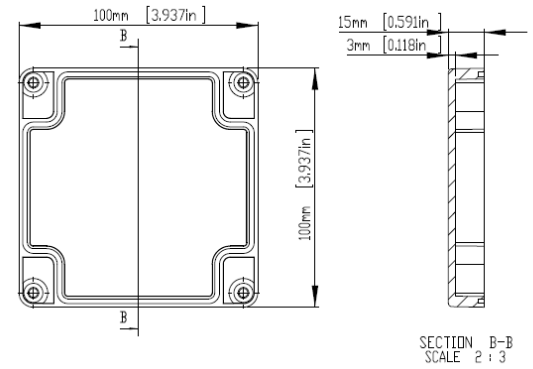
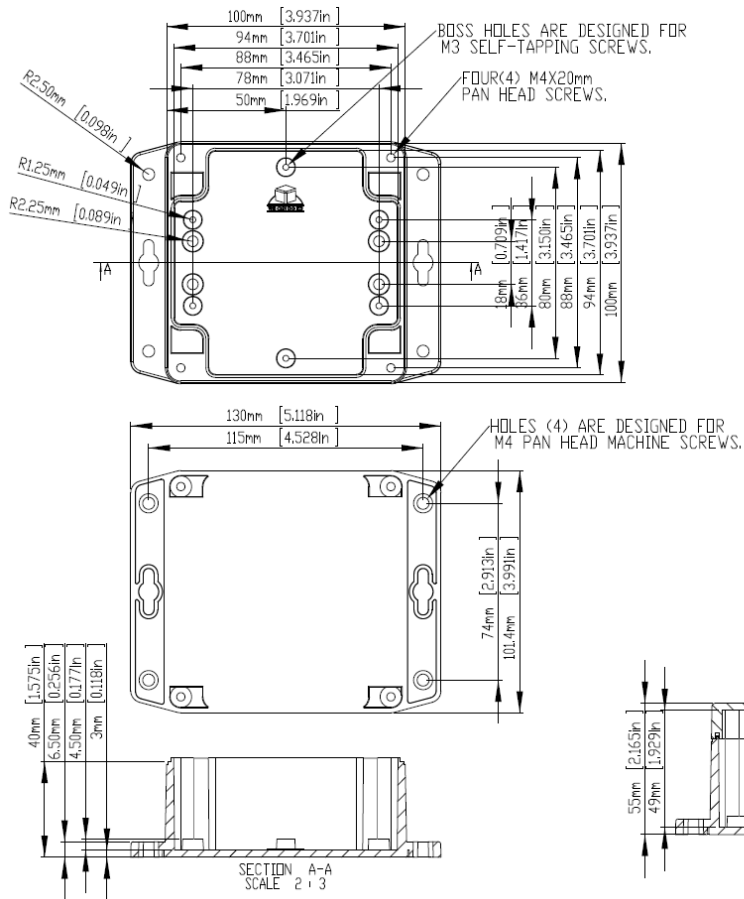
(G3XXMF
-IP67)

- Material : High Impact ABS (UL94-HB).
- Moulded in : Dark grey.
- Operating temperature : -20°C to 60°C.
- Mounting flange is designed on the bottom of the base, so the base can be mounted with pan head type of screws on the wall easily.

MATERIAL : POLYCARBONATE		EXTERNAL DIMENSION(mm)	MATERIAL : ABS
Light Grey Lid + Light Grey Base	Clear Lid + Light Grey Base		Dark Grey Lid + Dark Grey Base
Item No.	Item No.		Item no.
G200MF-IP67	G200CMF-IP67	90 x 35 x 35	G300MF-IP67
G201MF-IP67	G201CMF-IP67	64 x 58 x 35	G302MF-IP67
G203MF-IP67	G203CMF-IP67	115 x 65 x 40	G304MF-IP67
G205MF-IP67	G205CMF-IP67	115 x 65 x 55	G308MF-IP67
G212MF-IP67	G212CMF-IP67	115 x 90 x 55	G311MF-IP67
G214MF-IP67	G214CMF-IP67	171 x 121 x 55	G313MF-IP67
G218MF-IP67	G218CMF-IP67	222 x 146 x 55	G317MF-IP67
G221MF-IP67	G221CMF-IP67	115 x 90 x 80	G331MF-IP67
G223MF-IP67	G223CMF-IP67	171 x 121 x 80	G340MF-IP67
G232MF-IP67	G232CMF-IP67	222 x 146 x 75	G353MF-IP67
G250MF-IP67	G250CMF-IP67	52 x 50 x 35	G362MF-IP67
G256MF-IP67	G256CMF-IP67	82 x 80 x 55	G366MF-IP67
G258MF-IP67	G258CMF-IP67	160 x 80 x 55	G368MF-IP67
G265MF-IP67	G265CMF-IP67	160 x 80 x 85	G369MF-IP67
G278MF-IP67	G278CMF-IP67	120 x 120 x 60	G386MF-IP67
G279MF-IP67	G279CMF-IP67	120 x 120 x 90	G387MF-IP67
G2691MF-IP67	G2691CMF-IP67	200 x 120 x 75	G3735MF-IP67
G2385MF-IP67	G2385CMF-IP67	265 x 185 x 95	G3783MF-IP67
G2393MF-IP67	G2393CMF-IP67	265 x 185 x 120	G3913MF-IP67
NEW G2101MF-IP67	G2101CMF-IP67	100 x 100 x 55	G3102MF-IP67
NEW G2103MF-IP67	G2103CMF-IP67	100 x 100 x 80	G3104MF-IP67
NEW G2118MF-IP67	G2118CMF-IP67	200 x 150 x 55	G3123MF-IP67
NEW G287MF-IP67	G287CMF-IP67	160 x 160 x 60	G396MF-IP67
NEW G288MF-IP67	G288CMF-IP67	160 x 160 x 90	G399MF-IP67

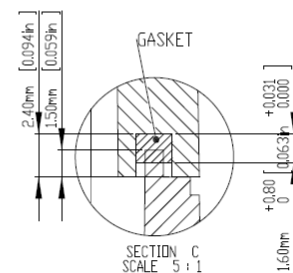
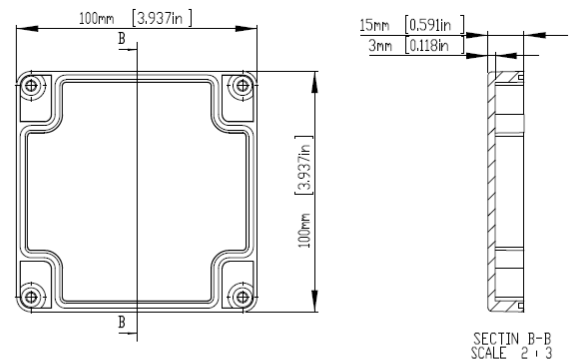
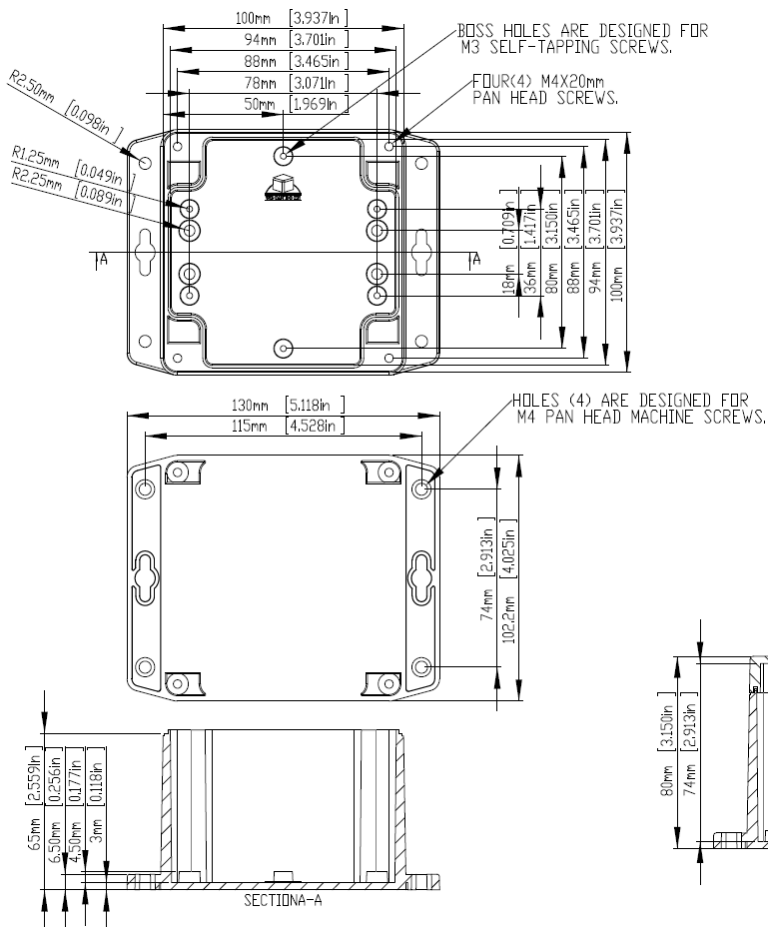
▲ Lid fixing screws are M4 stainless steel (non-magnetic) into threaded brass inserts.

G2101MF-IP67 / G2101CMF-IP67 / G3102MF-IP67



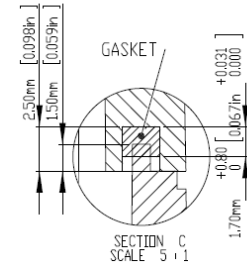
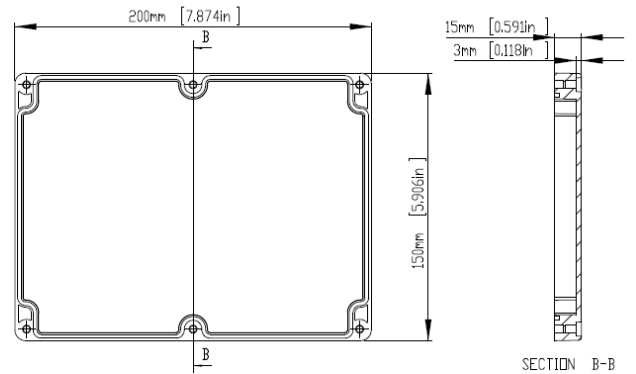
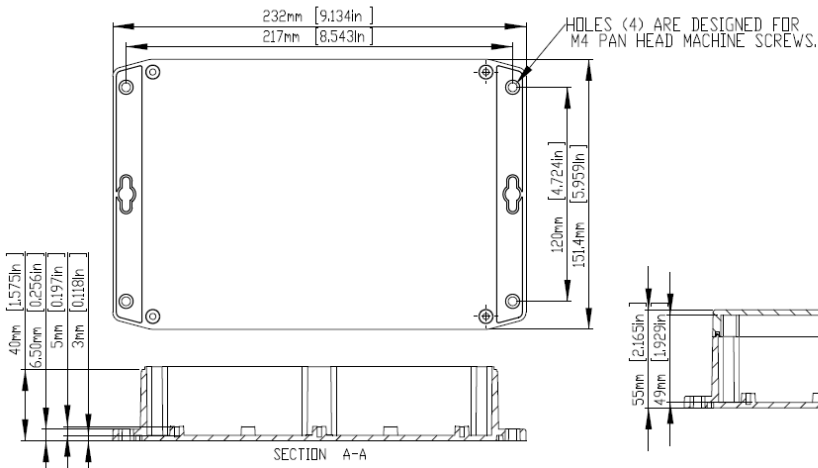
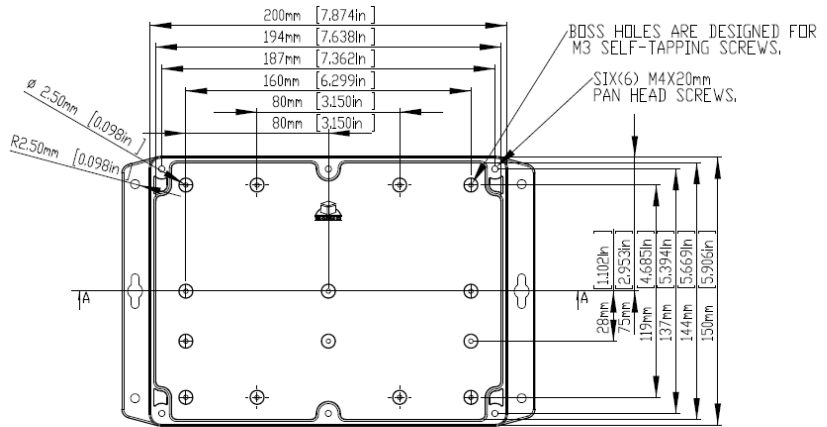
According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

G2103MF-IP67 / G2103CMF-IP67 / G3104MF-IP67



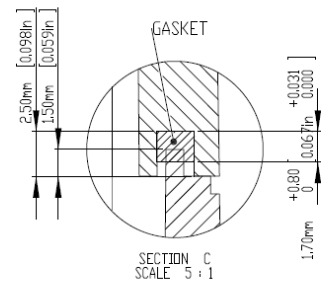
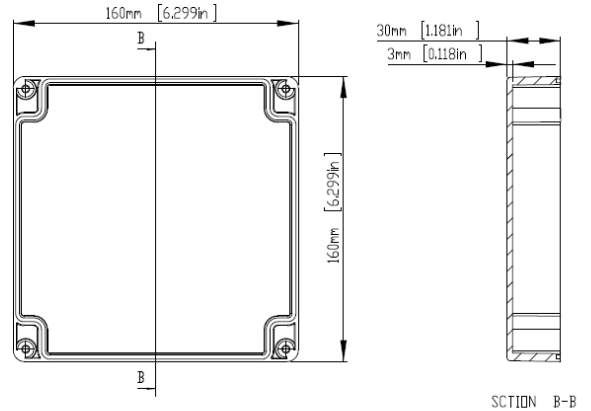
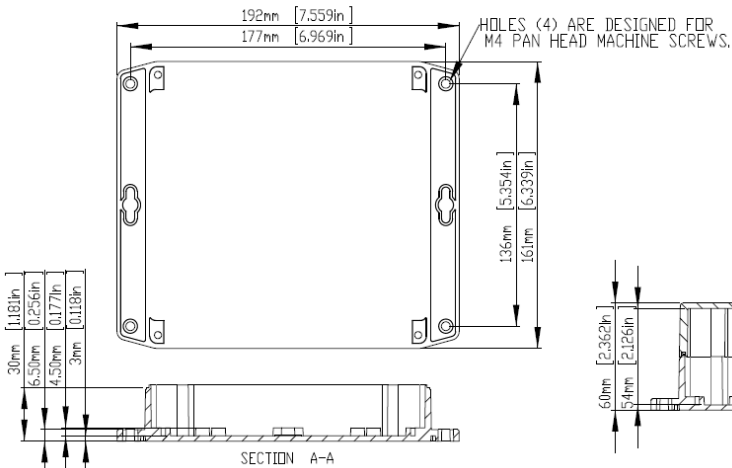
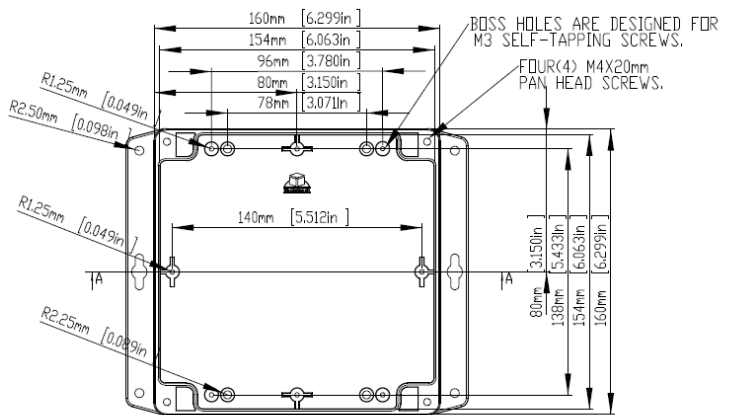
According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

G2118MF-IP67 / G2118CMF-IP67 / G3123MF-IP67



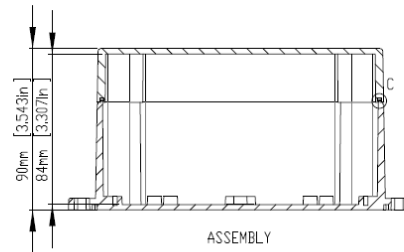
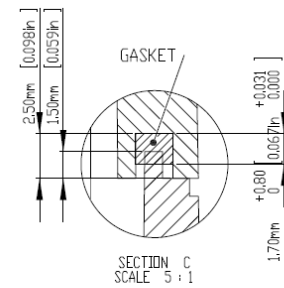
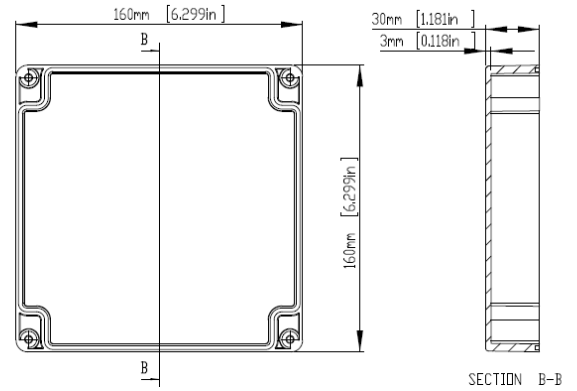
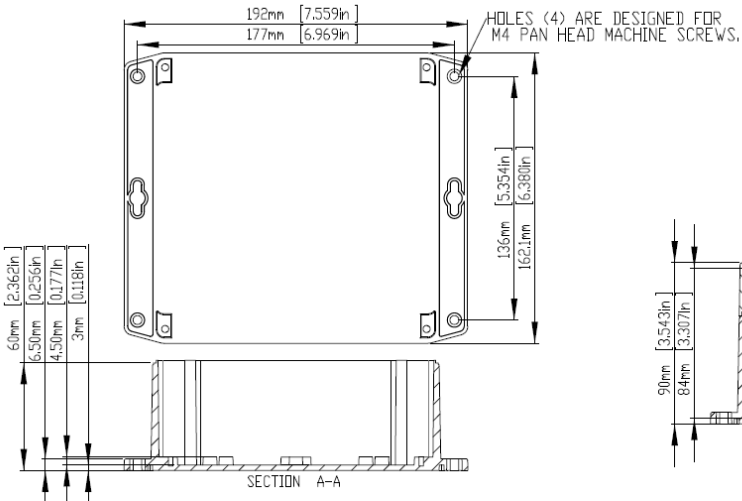
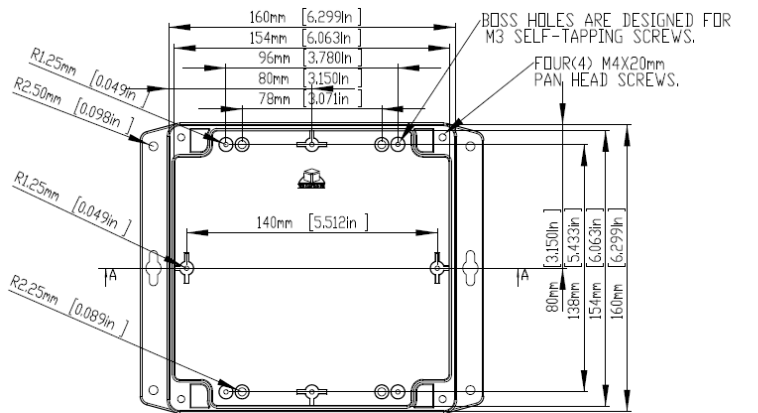
According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

G287MF-IP67 / G287CMF-IP67 / G396MF-IP67



According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

G288MF-IP67 / G288CMF-IP67 / G399MF-IP67



According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L≤3.0mm	±0.1mm
3.0<L≤6.0 mm	±0.1mm
6.0<L≤30.0 mm	±0.2mm
30.0<L≤120.0 mm	±0.3mm
120.0<L≤400.0 mm	±0.5mm
400.0<L≤1000.0 mm	±0.8mm

P2XXMF-IP68 / A3XXMF-IP68 SERIES

IP68 POLYCARBONATE AND ABS ENCLOSURES WITH MOUNTING FLANGE



PRODUCT INFORMATION

- The lid and base incorporate a tongue and groove sealing system with continuous silicone seal.
- Wall mounting holes and lid fixing screws are outside the sealing area thus preventing the ingress of moisture and dust.
- Design to IP68 of IEC 529 (Dust and Hose proof).
- Bosses on internal base allow fixing of PCB's horizontally or connection of terminals with M3X4mm self-tapping screws.
- Internal guide slots for mounting PCB assemblies vertically.
- Available with clear or light grey lids.



P2118MF-IP68



P2118CMF-IP68



A3123MF-IP68

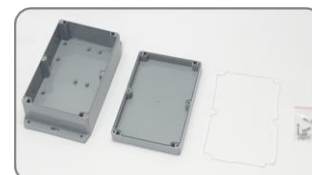
Content



P2118MF-IP68



P2118CMF-IP68



A3123MF-IP68

PC

(P2XXMF-
IP68)

(P2XXCMF-
IP68)

- Material : Polycarbonate (UL94-HB).
- Moulded in : Light grey.
- Operating temperature : -40°C to 120°C.
- Clear lid is available on request.
- Mounting flange is designed on the bottom of the base, so the base can be mounted with pan head type of screws on the wall easily.

ABS

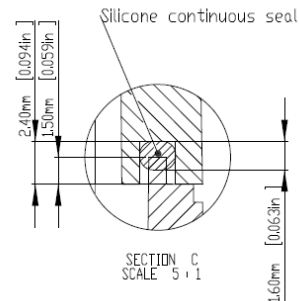
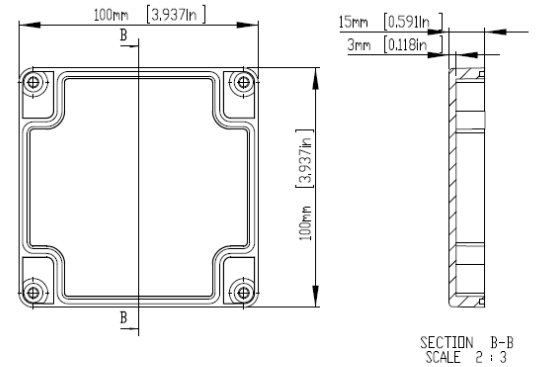
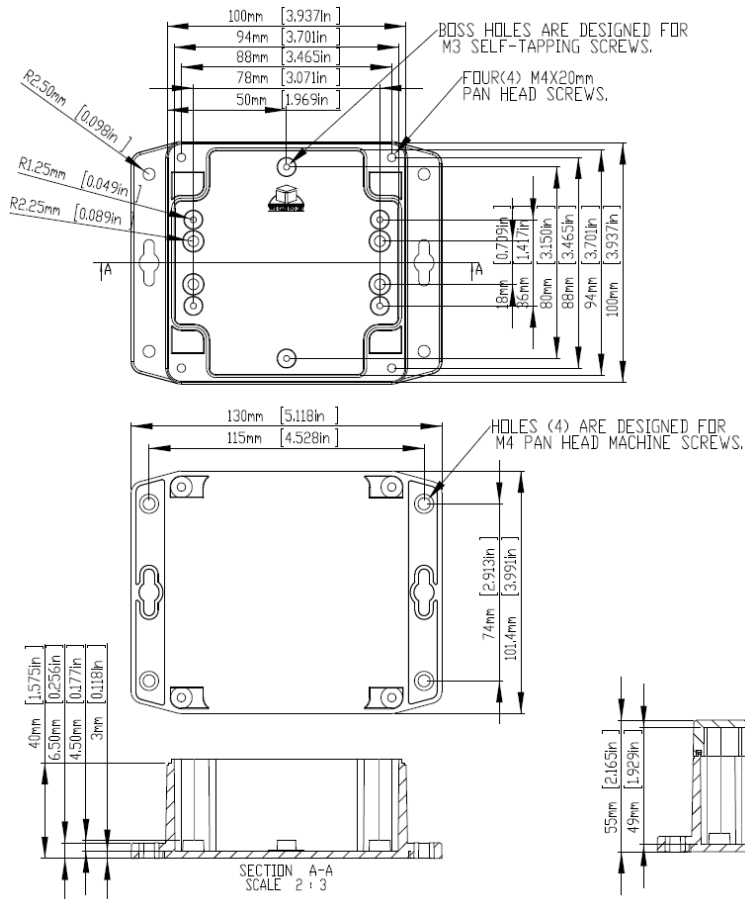
(A3XXMF
-IP68)

- Material : High Impact ABS (UL94-HB).
- Moulded in : Dark grey.
- Operating temperature : -20°C to 60°C.
- Mounting flange is designed on the bottom of the base, so the base can be mounted with pan head type of screws on the wall easily.

MATERIAL : POLYCARBONATE		MATERIAL : ABS	
Light Grey Lid + Light Grey Base	Clear Lid + Light Grey Base	EXTERNAL DIMENSION (mm)	Dark Grey Lid + Dark Grey Base
ITEM NO.	ITEM NO.		ITEM NO.
P200MF-IP68	P200CMF-IP68	90 x 35 x 35	A300MF-IP68
P201MF-IP68	P201CMF-IP68	64 x 58 x 35	A302MF-IP68
P203MF-IP68	P203CMF-IP68	115 x 65 x 40	A304MF-IP68
P205MF-IP68	P205CMF-IP68	115 x 65 x 55	A308MF-IP68
P212MF-IP68	P212CMF-IP68	115 x 90 x 55	A311MF-IP68
P214MF-IP68	P214CMF-IP68	171 x 121 x 55	A313MF-IP68
P218MF-IP68	P218CMF-IP68	222 x 146 x 55	A317MF-IP68
P221MF-IP68	P221CMF-IP68	115 x 90 x 80	A331MF-IP68
P223MF-IP68	P223CMF-IP68	171 x 121 x 80	A340MF-IP68
P232MF-IP68	P232CMF-IP68	222 x 146 x 75	A353MF-IP68
P250MF-IP68	P250CMF-IP68	52 x 50 x 35	A362MF-IP68
P256MF-IP68	P256CMF-IP68	82 x 80 x 55	A366MF-IP68
P258MF-IP68	P258CMF-IP68	160 x 80 x 55	A368MF-IP68
P265MF-IP68	P265CMF-IP68	160 x 80 x 85	A369MF-IP68
P278MF-IP68	P278CMF-IP68	120 x 120 x 60	A386MF-IP68
P279MF-IP68	P279CMF-IP68	120 x 120 x 90	A387MF-IP68
P2691MF-IP68	P2691CMF-IP68	200 x 120 x 75	A3735MF-IP68
P2385MF-IP68	P2385CMF-IP68	265 x 185 x 95	A3783MF-IP68
P2393MF-IP68	P2393CMF-IP68	265 x 185 x 120	A3913MF-IP68
NEW P2101MF-IP68	P2101CMF-IP68	100 x 100 x 55	A3102MF-IP68
NEW P2103MF-IP68	P2103CMF-IP68	100 x 100 x 80	A3104MF-IP68
NEW P2118MF-IP68	P2118CMF-IP68	200 x 150 x 55	A3123MF-IP68
NEW P287MF-IP68	P287CMF-IP68	160 x 160 x 60	A396MF-IP68
NEW P288MF-IP68	P288CMF-IP68	160 x 160 x 90	A399MF-IP68

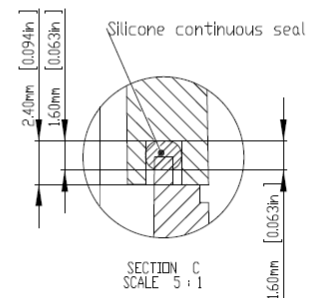
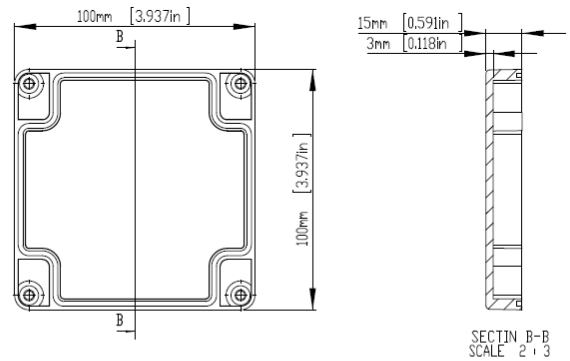
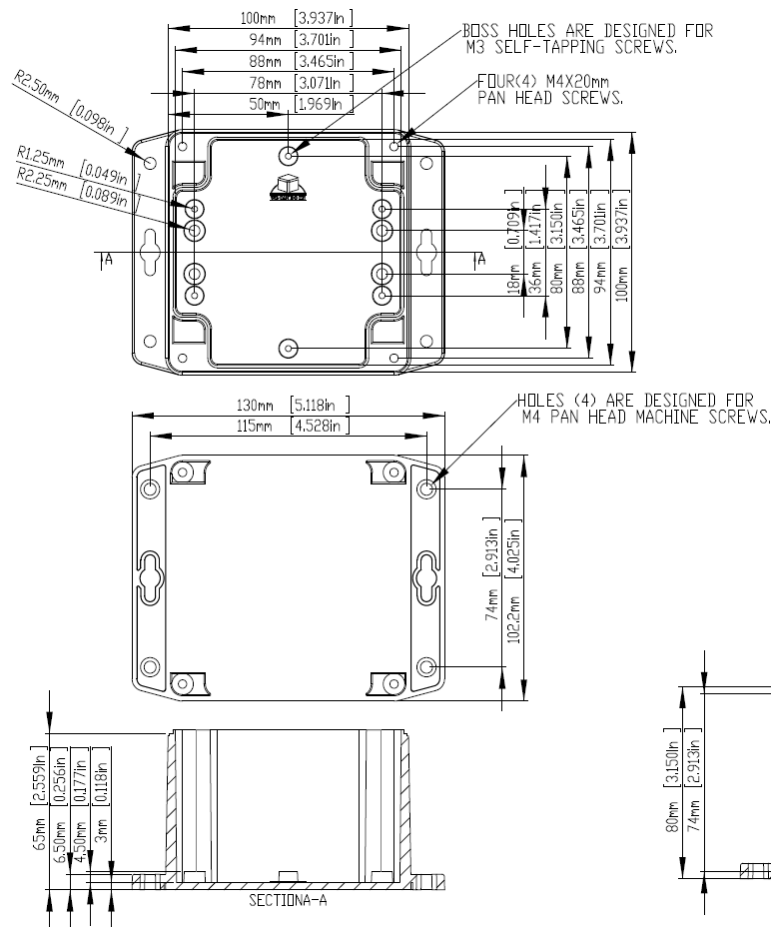
▲ Lid fixing screws are M4 stainless steel (non-magnetic) into threaded brass inserts.

P2101MF-IP68 / P2101CMF-IP68 / A3102MF-IP68



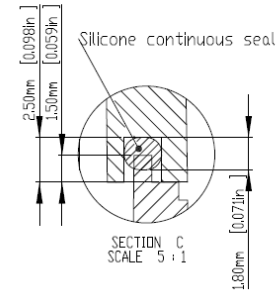
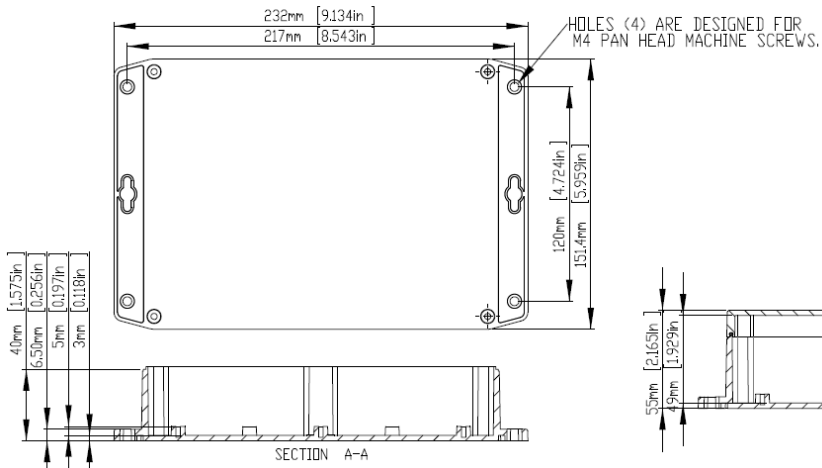
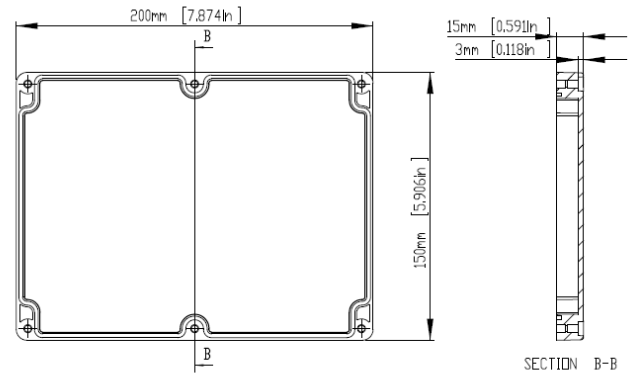
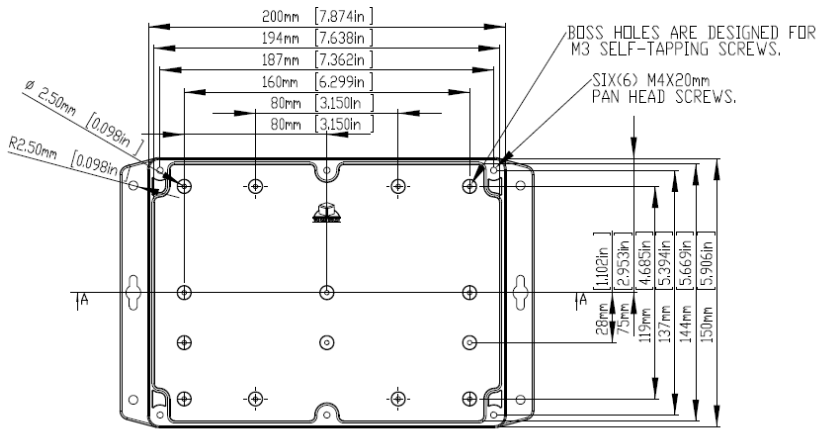
According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

P2103MF-IP68 / P2103CMF-IP68 / A3104MF-IP68

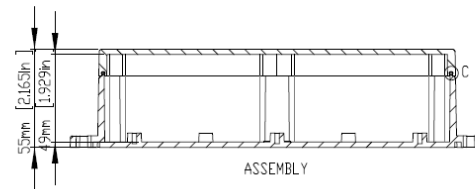


According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

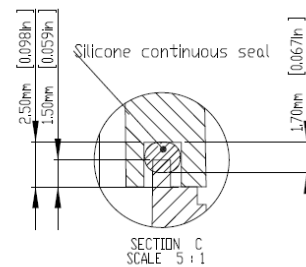
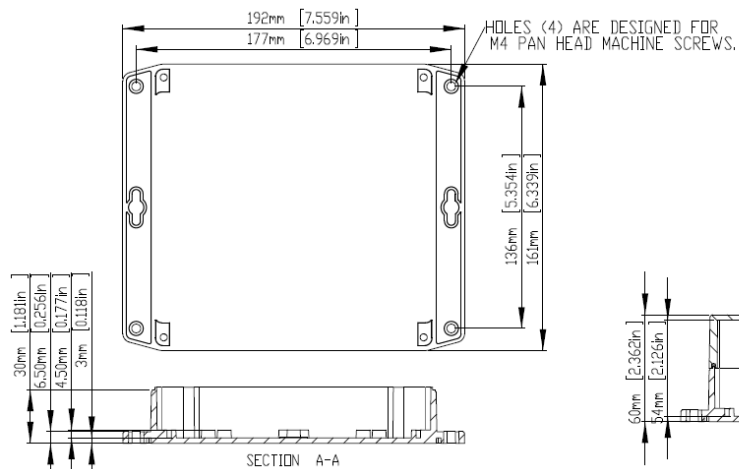
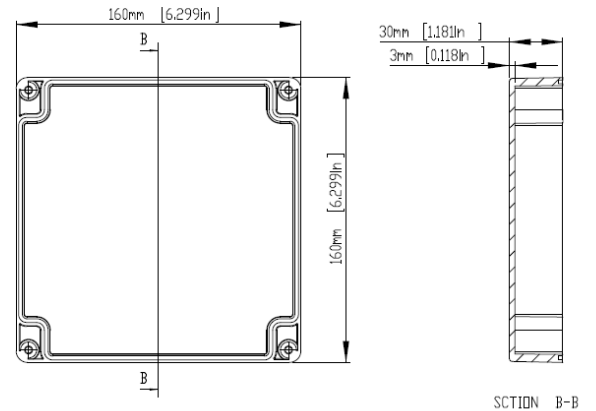
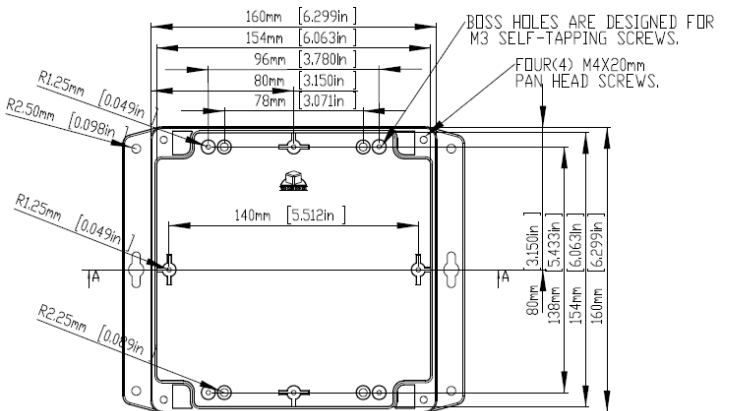
P2118MF-IP68 / P2118CMF-IP68 / A3123MF-IP68



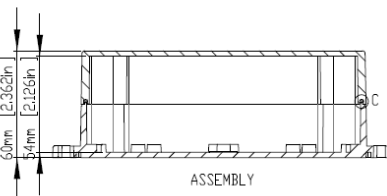
According to ISO 2768-m		
Measuring	DIM=L	Tolerances
0.5<L≤3.0mm		±0.1mm
3.0<L≤6.0 mm		±0.1mm
6.0<L≤30.0 mm		±0.2mm
30.0<L≤120.0 mm		±0.3mm
120.0<L≤400.0 mm		±0.5mm
400.0<L≤1000.0 mm		±0.8mm



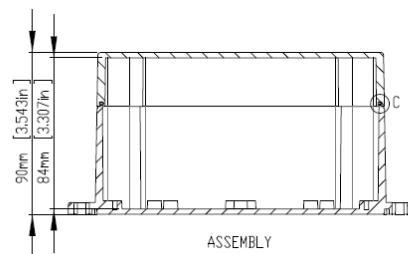
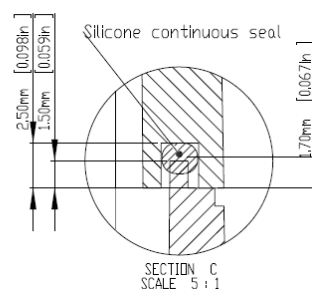
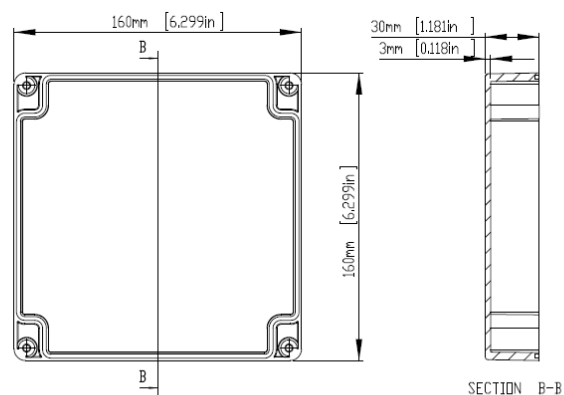
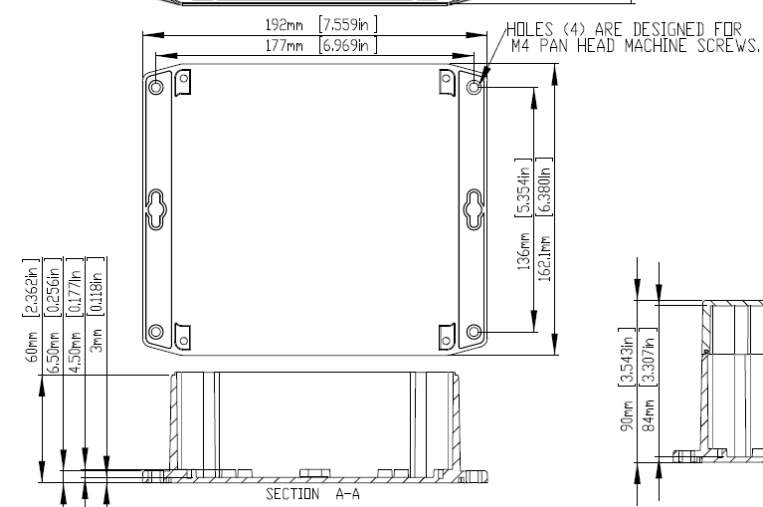
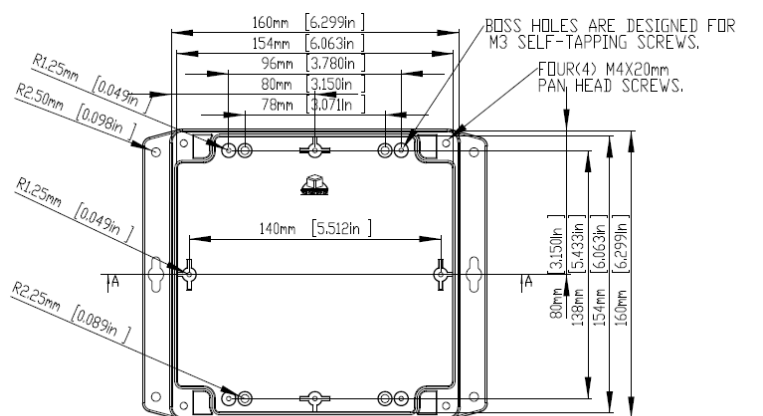
P287MF-IP68 / P287CMF-IP68 / A396MF-IP68



According to ISO 2768-m		
Measuring	DIM=L	Tolerances
0.5<L≤3.0mm		±0.1mm
3.0<L≤6.0 mm		±0.1mm
6.0<L≤30.0 mm		±0.2mm
30.0<L≤120.0 mm		±0.3mm
120.0<L≤400.0 mm		±0.5mm
400.0<L≤1000.0 mm		±0.8mm



P288MF-IP68 / P288CMF-IP68 / A399MF-IP68



According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

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