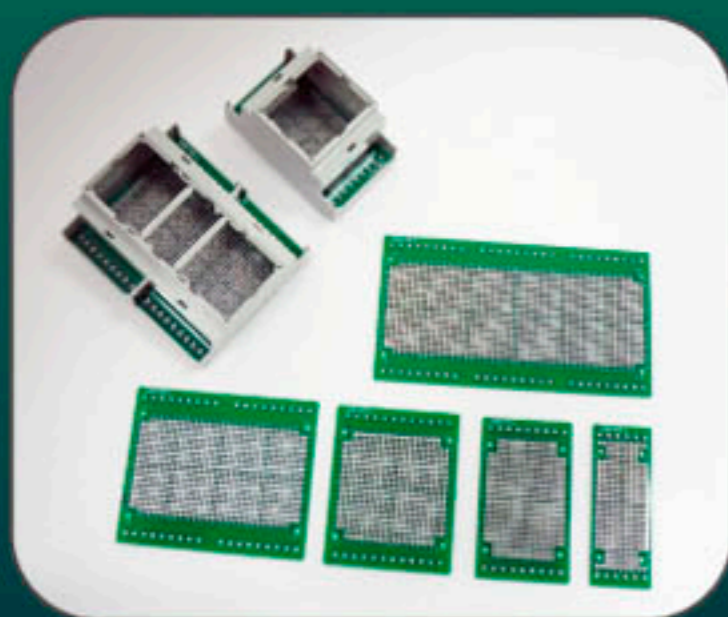




NEW
2012

GAINTA INDUSTRIES LTD



SERIES

DCXXX SERIES

DCXXX SERIES	Page 01
DCXXXCUL (TYPE A)	Page 02
DCXXXCBU (TYPE B)	Page 03
DCXXXCBUNO (TYPE C)	Page 04
DCXXXLGNO (TYPE D)	Page 05

G1XXMF SERIES

G1XXMF Series	Page 14
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G2XXMF/G3XXMF SERIES

G2XXMF/G3XXMF Series	Page 20
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DINRAIL SERIES

DINRAIL Series	Page 27
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PL29XXX SERIES

PL29XXXWH/PL29XXXBK Series	Page 37
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IP65 SEALED DUAL-COMPARTMENT ENCLOSURE

DCXXX SERIES



- 5 different sizes of wall mounting cases with separate terminal compartment for you to use in measurement & control application.
- These cases are able to be used with din EN60715 rail (35mm).
- Hinge type of transparent cover (left-hand or right-hand hinge) for you to view the terminal, open and close the cover easily.
- Fastening pillars and guide grooves for vertical and horizontal installation of printed circuit boards.
- PG or Metric rated break points are designed for you to use the IP68 cable glands (PG or Metric type) well.

TYPE A

DCXXXCUL SERIES



TYPE B

DCXXXCBU SERIES



TYPE C

DCXXXCBUNO SERIES



TYPE D

DCXXXLGNO SERIES

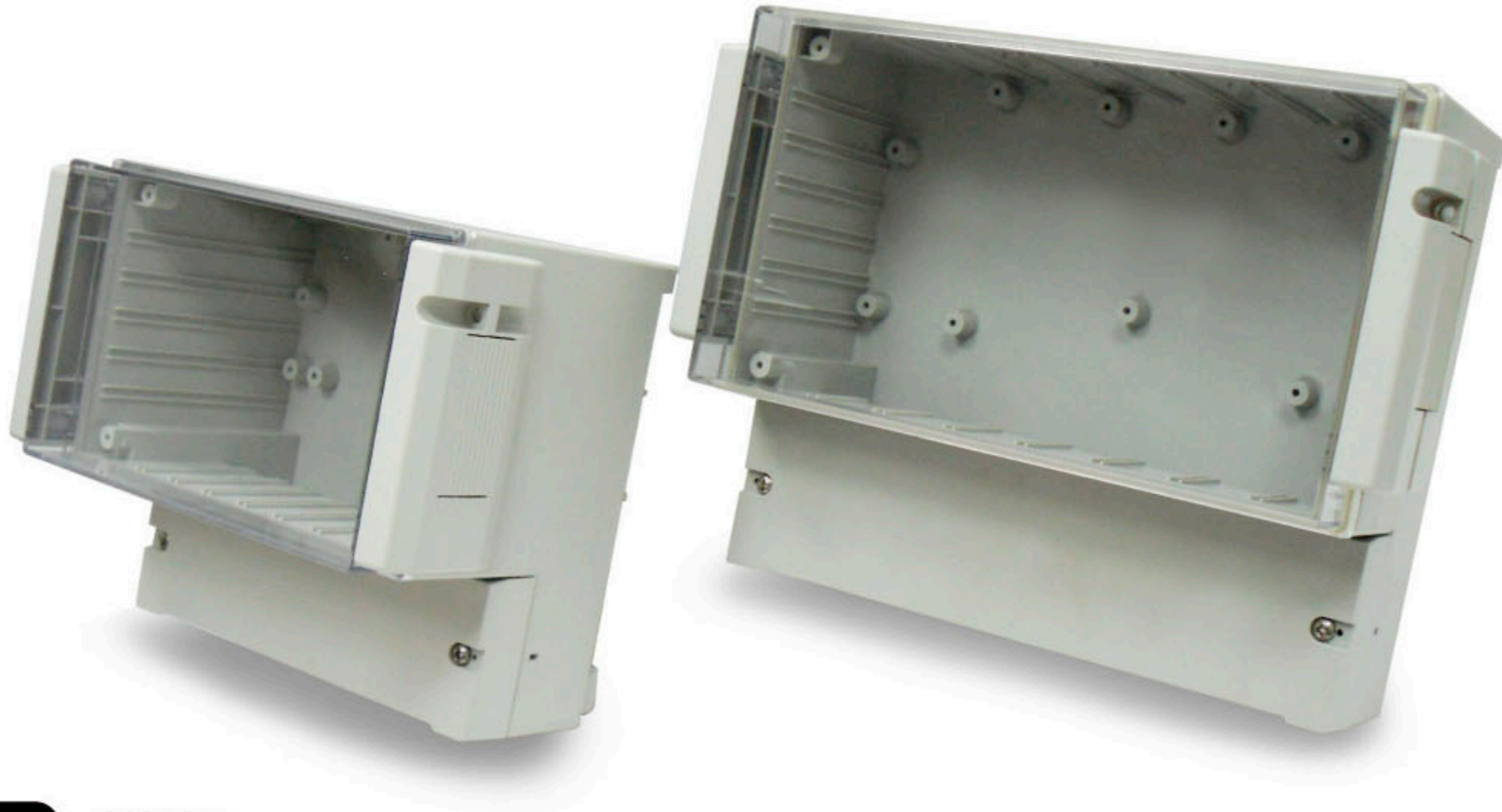


TYPE A

TYPE A
DCXXXCUL Series

DC001CUL, DC003CUL, DC005CUL DC007CUL, DC009CUL

ETC IP65
CERTIFIED



Example: DC001CUL



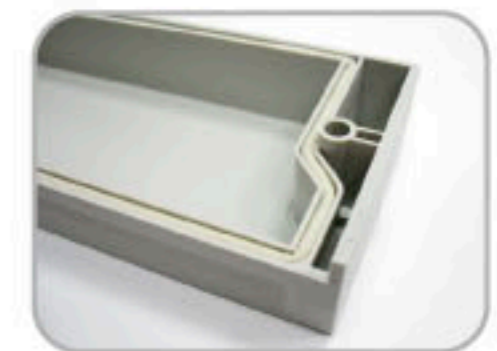
TECHNICAL DATA

- Color: Light gray, similar to RAL 7038 with transparent lid.
- Material: UL94-V0 rating of PC/ABS (grey base, gray lid , hinge kit)
UL94-V0 rating of Polycarbonate (transparent lid)
- Recommended working temperature: -40°C to +120°C
- Ingress Protection: IP 65 certified, EPDM gasket pre-installed.

Gasket pre-installed

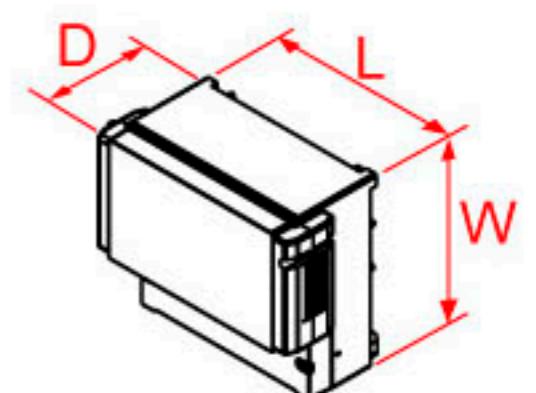


Transparent lid



Terminal compartment lid

Part No.	Product description	Dimension (LXWXD, mm)
DC001CUL	Dual compartment box	166X161X93
DC003CUL	Dual compartment box	166X161X121
DC005CUL	Dual compartment box	213X185X104.5
DC007CUL	Dual compartment box	256X217X132.5
DC009CUL	Dual compartment box	296X281X158



TYPE B

DCXXXCBU Series
TYPE B

DC001CBU, DC003CBU, DC005CBU DC007CBU, DC009CBU

ETC IP65
CERTIFIED



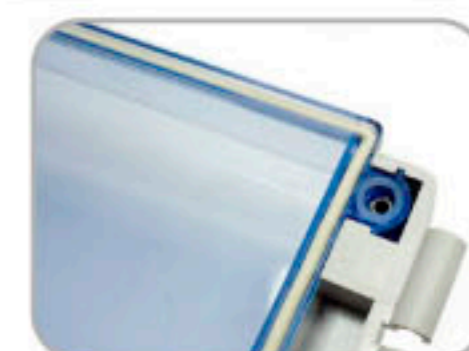
Example: DC003CBU



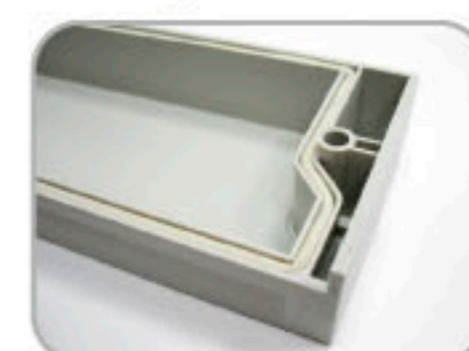
TECHNICAL DATA

- Color: Light gray, similar to RAL 7035 with transparent blue lid.
- Material: UL94-HB rating of ABS (grey base, gray lid , hinge kit)
UL94-HB rating of Polycarbonate (Transparent blue lid)
- Recommended working temperature: -20°C to +80°C
- Ingress Protection: IP 65 certified, EPDM gasket pre-installed.

Gasket pre-installed

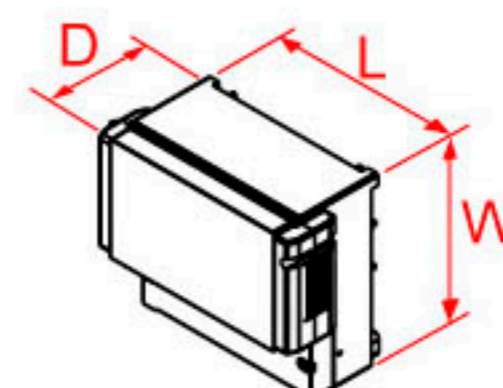


Transparent blue lid

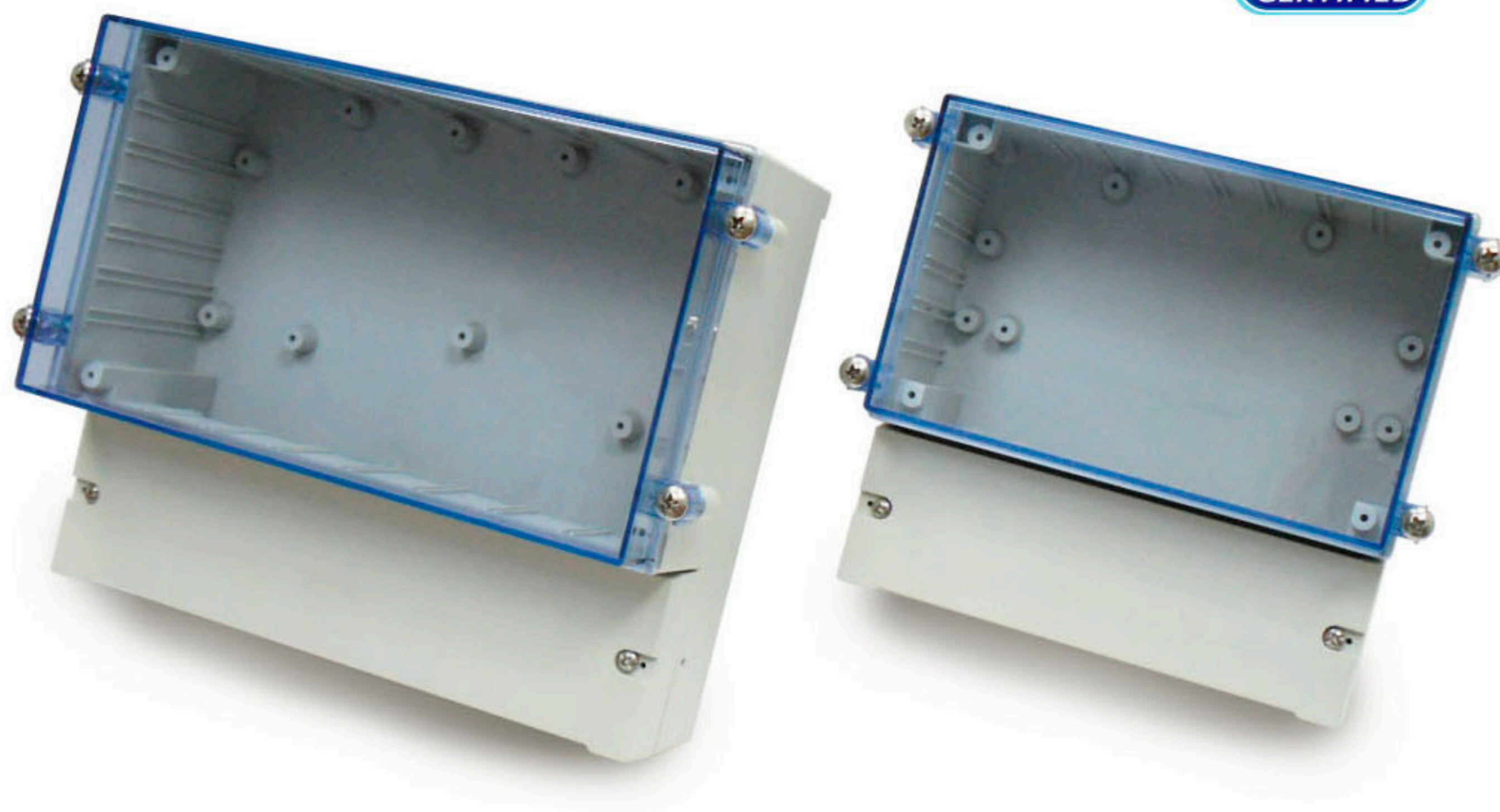


Terminal compartment lid

Part No.	Product description	Dimension (LXWXD, mm)
DC001CBU	Dual compartment box	166X161X93
DC003CBU	Dual compartment box	166X161X121
DC005CBU	Dual compartment box	213X185X104.5
DC007CBU	Dual compartment box	256X217X132.5
DC009CBU	Dual compartment box	296X281X158



DC001CBUNO, DC003CBUNO DC005CBUNO, DC007CBUNO, DC009CBUNO



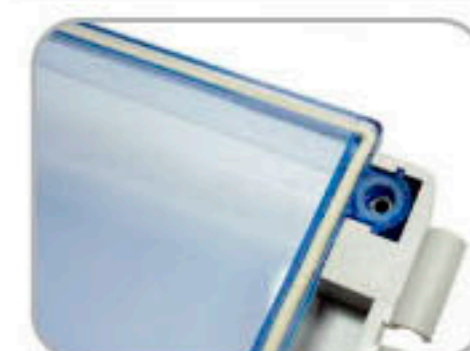
Example: DC009CBUNO



TECHNICAL DATA

- Color: Light gray, similar to RAL 7035 with transparent blue lid.
- Material: UL94-HB rating of ABS(Grey base, gray lid)
UL94-HB rating of Polycarbonate(Transparent blue lid)
- Recommended working temperature: -20°C to +80°C.
- Ingress Protection: IP 65 certified, EPDM gasket pre-installed.

Gasket pre-installed

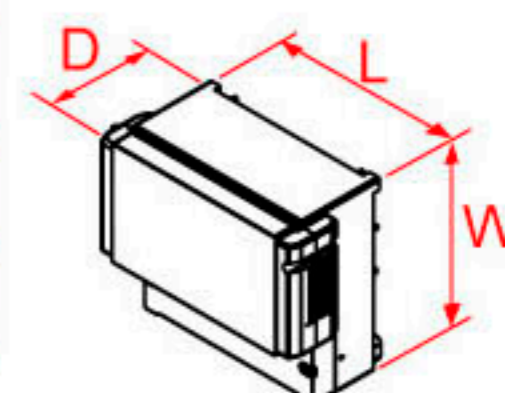


Transparent blue lid



Terminal compartment lid

Part No.	Product description	Dimension (LXWXD, mm)
DC001CBUNO	Dual compartment box	166X161X93
DC003CBUNO	Dual compartment box	166X161X121
DC005CBUNO	Dual compartment box	213X185X104.5
DC007CBUNO	Dual compartment box	256X217X132.5
DC009CBUNO	Dual compartment box	296X281X158



DC001LGNO, DC003LGNO DC005LGNO, DC007LGNO, DC009LGNO



Example: DC005LGNO



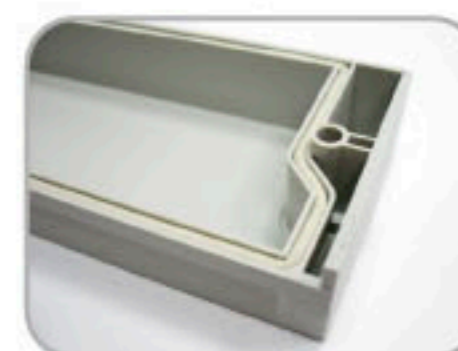
TECHNICAL DATA

- Color: Light gray, similar to RAL 7035.
- Material: UL94-HB rating of ABS.
- Recommended working temperature: -20°C to +80°C.
- Ingress Protection: IP 65 certified, EPDM gasket pre-installed.

Gasket pre-installed

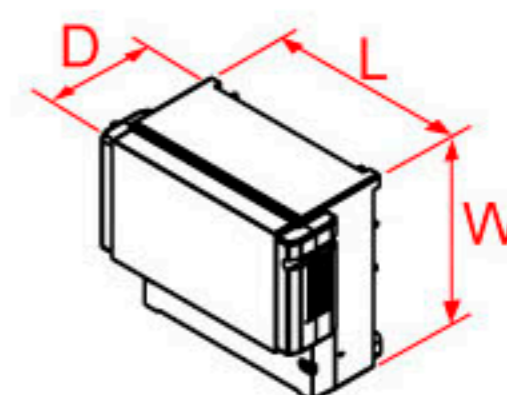


Gray lid




Terminal compartment lid

Part No.	Product description	Dimension (LXWXD, mm)
DC001LGNO	Dual compartment box	166X161X93
DC003LGNO	Dual compartment box	166X161X121
DC005LGNO	Dual compartment box	213X185X104.5
DC007LGNO	Dual compartment box	256X217X132.5
DC009LGNO	Dual compartment box	296X281X158








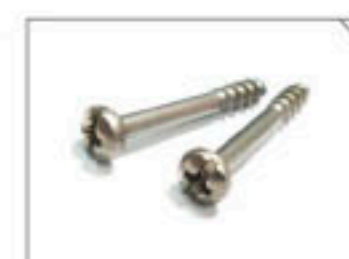
TYPE A DCXXXCUL SERIES



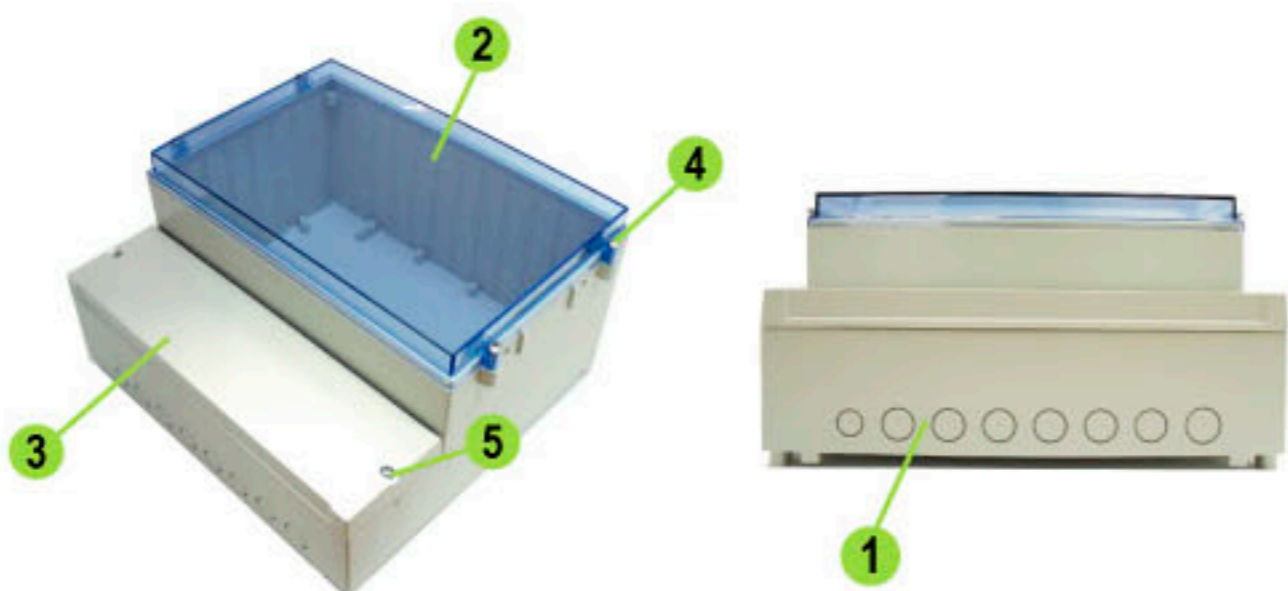
- | | | | |
|---|---|---|---|
|  |  |  |  |
| 1. Cabinets | 2. Transparent lid | 3. Terminal compartment lid | 4. Hinge clip |
|  |  |  |  |
| 5. Hinge bar | 6. Locking hook | 7. Lower locking hook | 8. Screws for terminal compartment lid use
remark: M4X25MM self tapping screws(2pcs) |

TYPE B DCXXXCBU SERIES



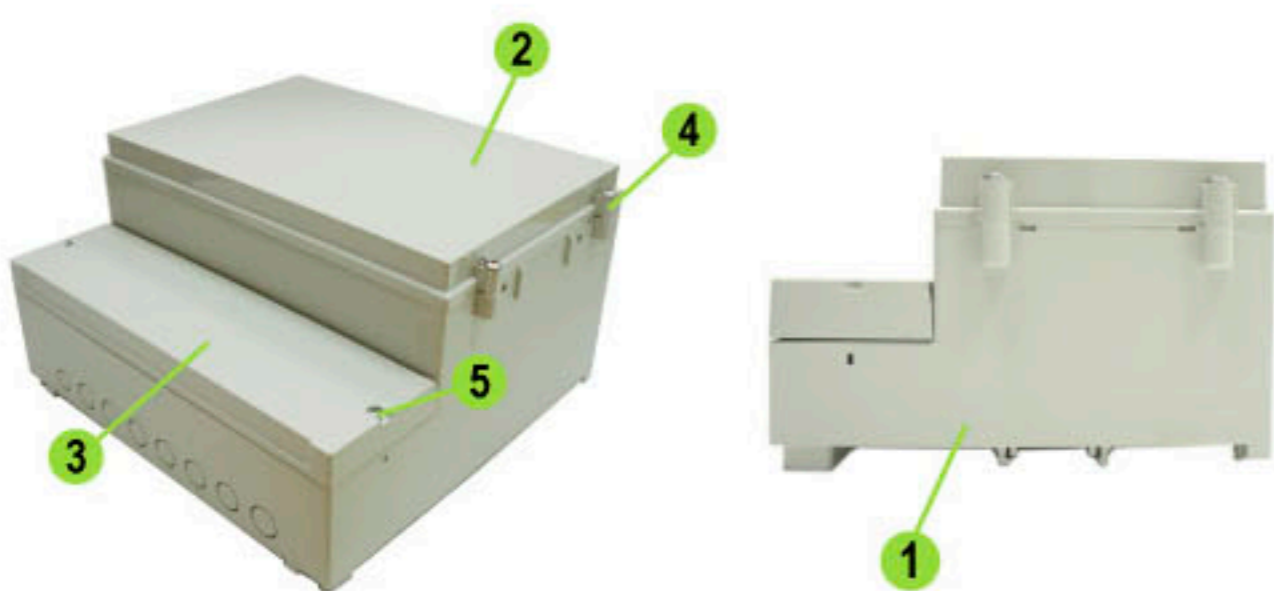
- | | | | |
|---|---|---|---|
|  |  |  |  |
| 1. Cabinets | 2. Transparent blue lid | 3. Terminal compartment lid | 4. Hinge clip |
|  |  |  |  |
| 5. Hinge bar | 6. Locking hook | 7. Lower locking hook | 8. Screws for terminal compartment lid use
remark: M4X25MM self tapping screws(2pcs) |

TYPE C DCXXXCBUNO SERIES



- | | | | |
|---|---|---|---|
|  |  |  |  |
| 1. Cabinets | 2. Transparent blue lid | 3. Terminal compartment lid | 4. Screws for transparent blue lid use
remark: M5.5X27MM self tapping screws(4pcs) |
|  | | | |
| 5. Screws for terminal compartment lid use
remark: M4X25MM self tapping screws(2pcs) | | | |

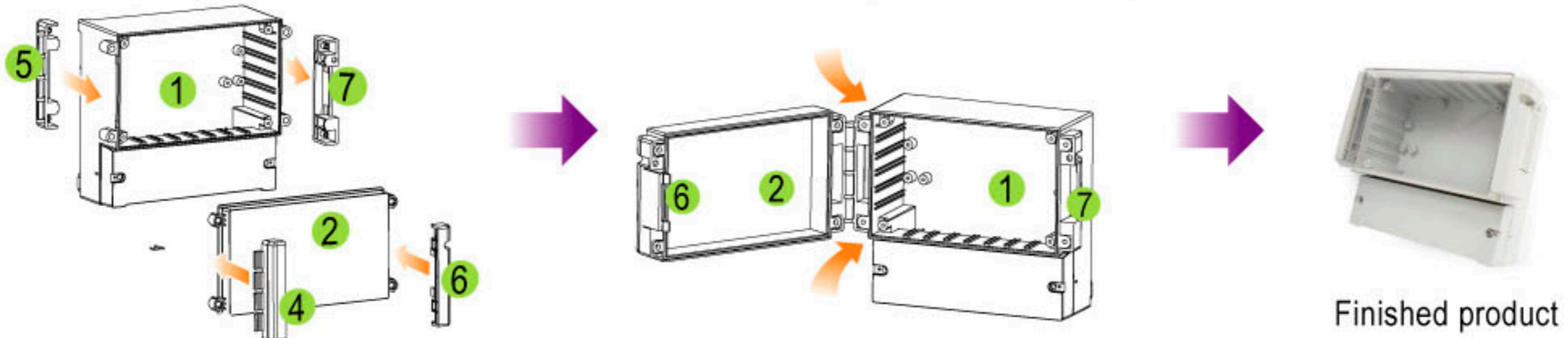
TYPE D DCXXXLGNO SERIES



- | | | | |
|---|---|---|---|
|  |  |  |  |
| 1. Cabinets | 2. Gray lid | 3. Terminal compartment lid | 4. Screws for gray lid use
remark: M5.5X27MM self tapping screws(4pcs) |
|  | | | |
| 5. Screws for terminal compartment lid use
remark: M4X25MM self tapping screws(2pcs) | | | |

Left-hand hinge

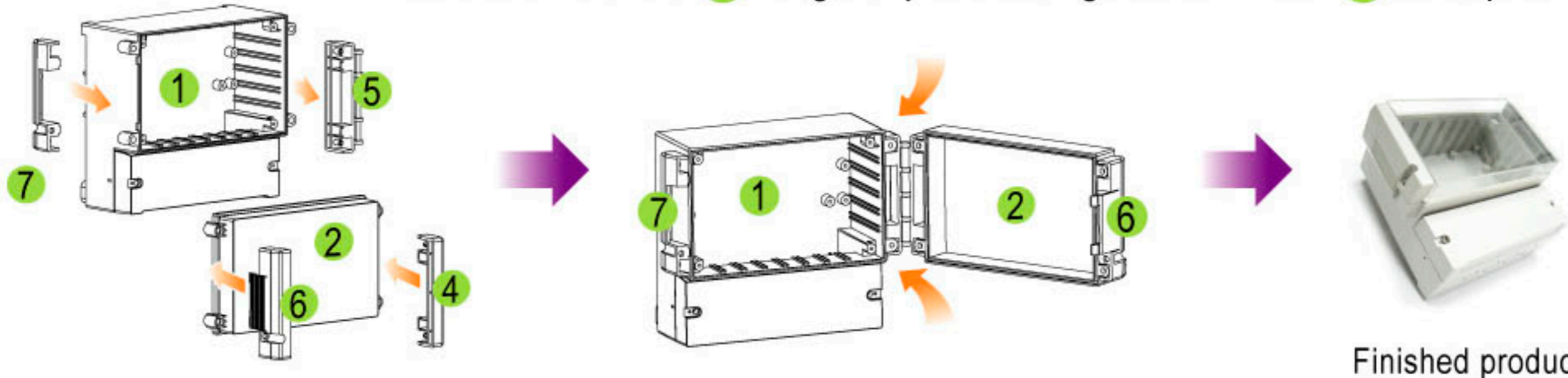
1. To assemble the **5** hinge bar on the left side of the **1** cabinets.
2. To assemble the **7** lower locking hook on the right side of the **1** cabinets.
3. To assemble the **4** hinge clip on the left side of the **2** transparent lid.
4. To assemble the **6** locking hook on the right side of the **2** transparent lid.



Finished product

Right-hand hinge

1. To assemble the **7** lower locking hook on the left side of the **1** cabinets.
2. To assemble the **5** hinge bar on the right side of the **1** cabinets.
3. To assemble the **6** locking hook on the left side of the **2** transparent lid.
4. To assemble the **4** hinge clip on the right side of the **2** transparent lid.



Finished product

OTHER FEATURES

Mounting brackets

(Optional)



MF-001LG(4PCS)



* Optional

Can be assembled with the mounting brackets.

Designed to assemble with the IP68 cable glands (PG or Metric type).



1. For PG 9 or M12 use.
2. For PG11 or M16 use.
3. For PG11 or M16 use.
4. For PG13.5 or M20 use.



For PG11 or M16 use.

Din EN60715 rail (35mm)

(not supply)



* not supply

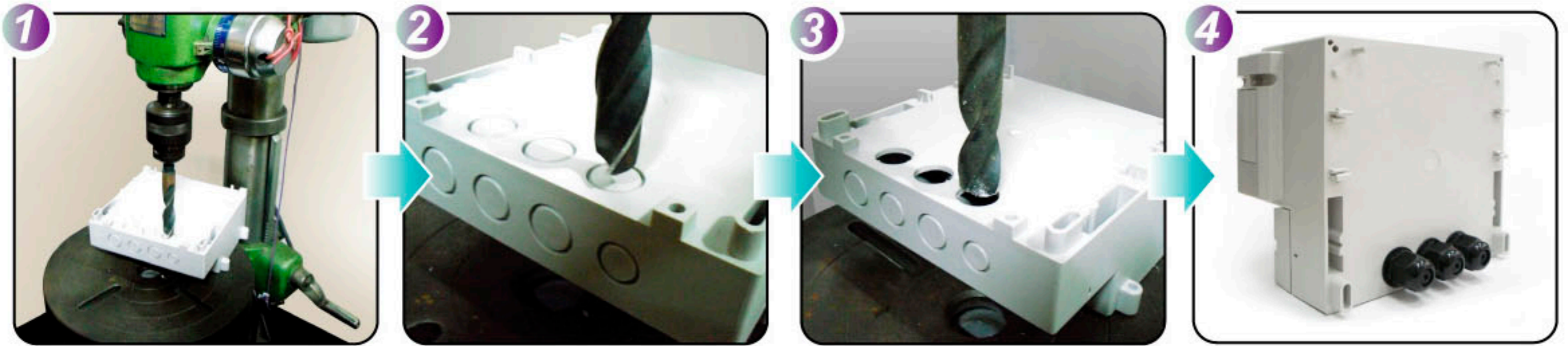
Can be assembled with the din EN60715 rail (35mm).

Designed to assemble with the lock

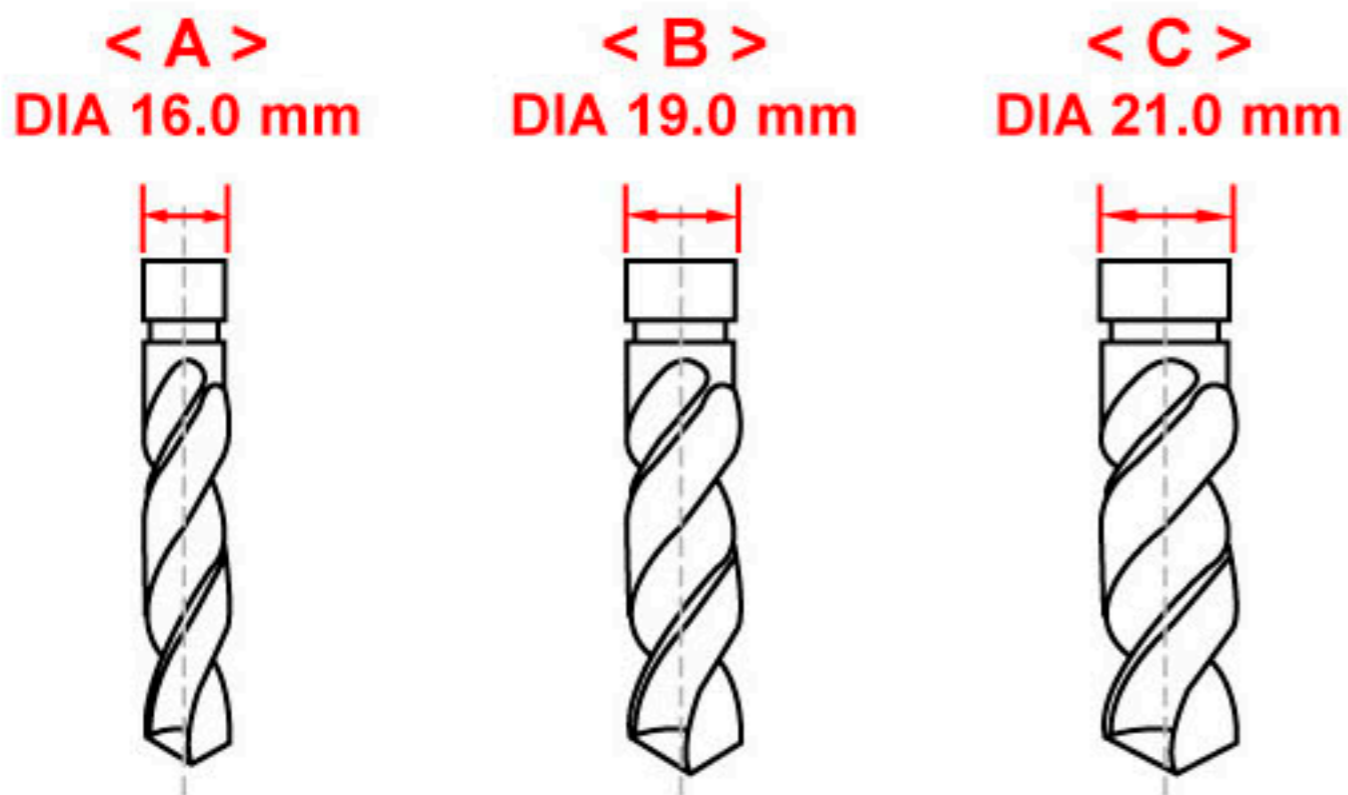


* not supply

Example for The Drilling & Assembly of The Cable Gland with DCOXXX Series of Plastic Box.

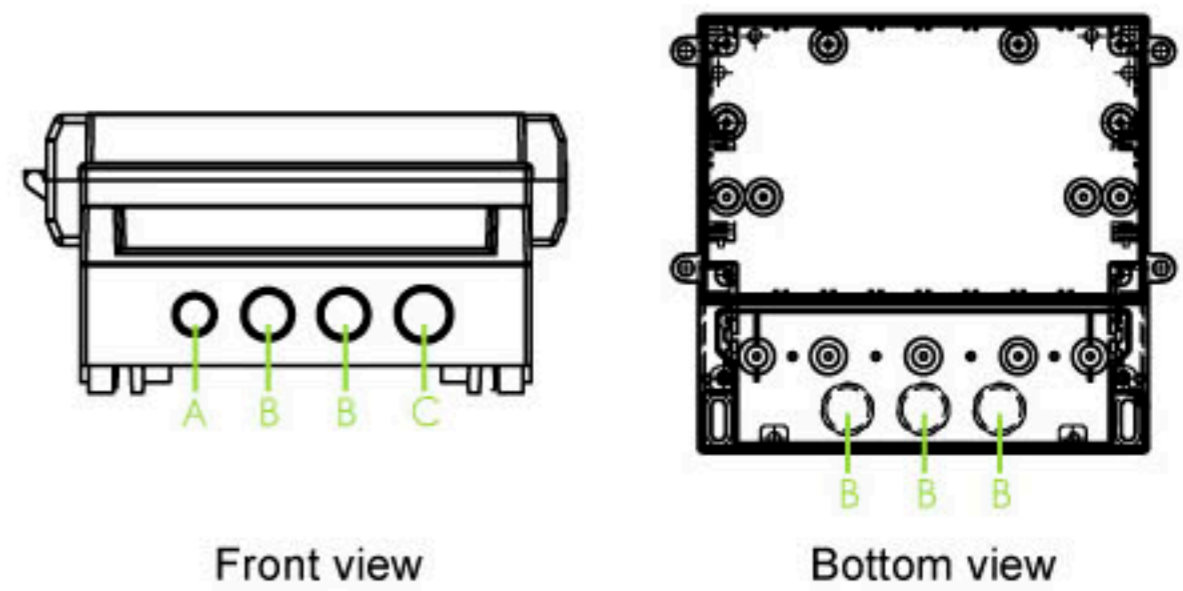


Recommended bit size:

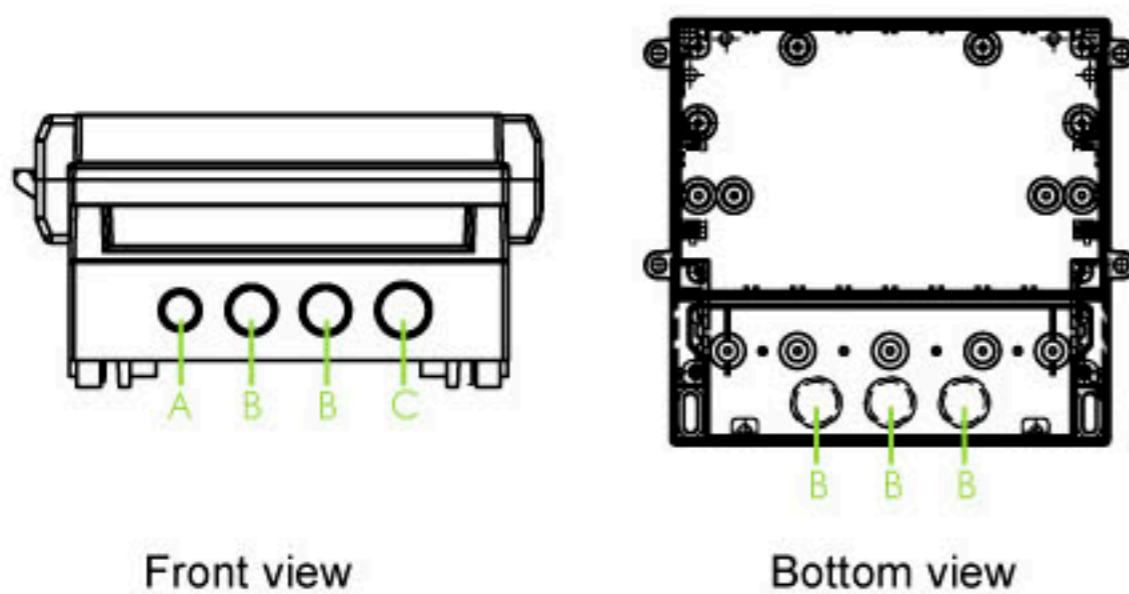


	Recommended bit size	Cable Gland
A	DIA 16.0 mm	PG9 (or M12)
B	DIA 19.0 mm	PG11 (or M16)
C	DIA 21.0 mm	PG13.5 (or M20)

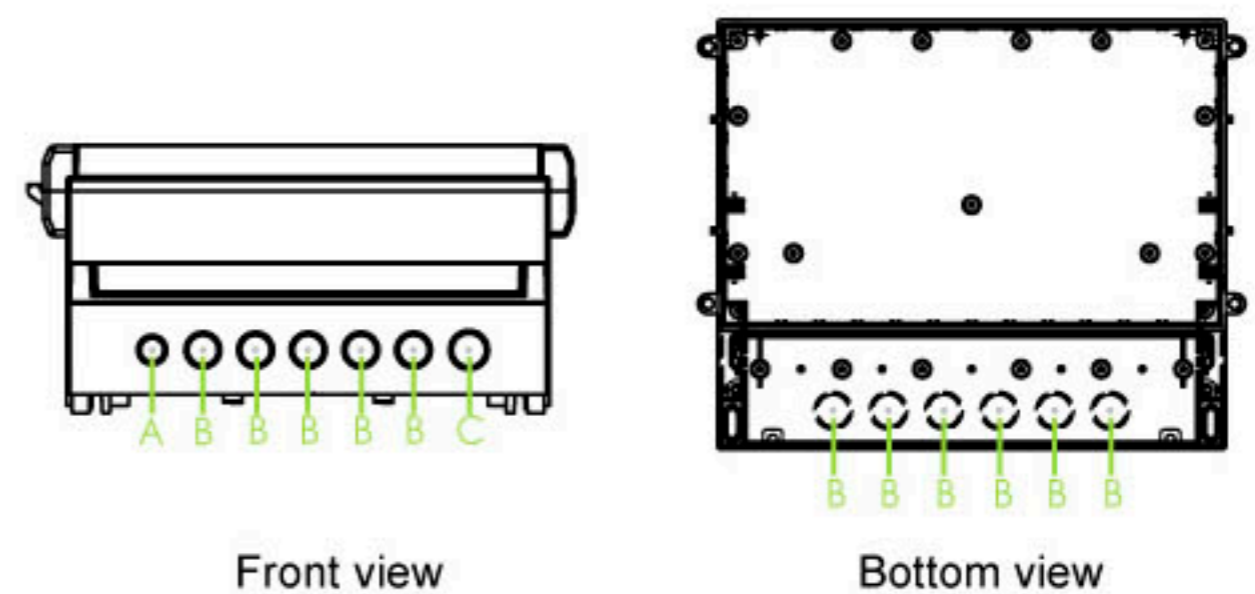
DC001CUL, DC001CBU, DC001LGNO, DC001CBUNO



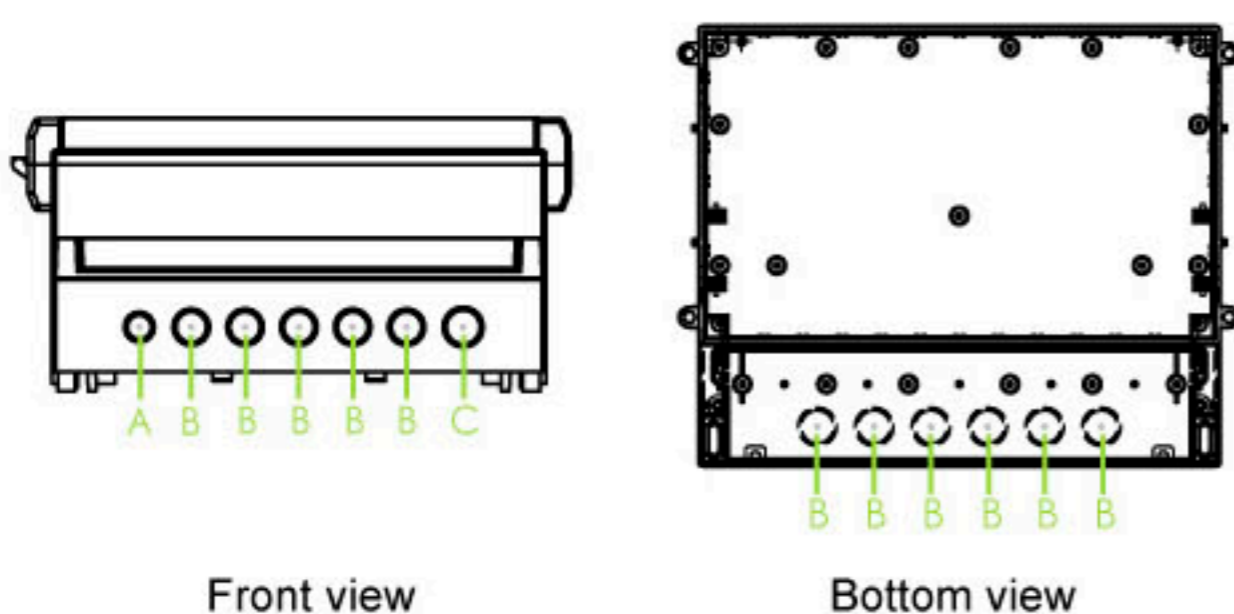
DC003CUL, DC003CBU, DC003LGNO, DC003CBUNO



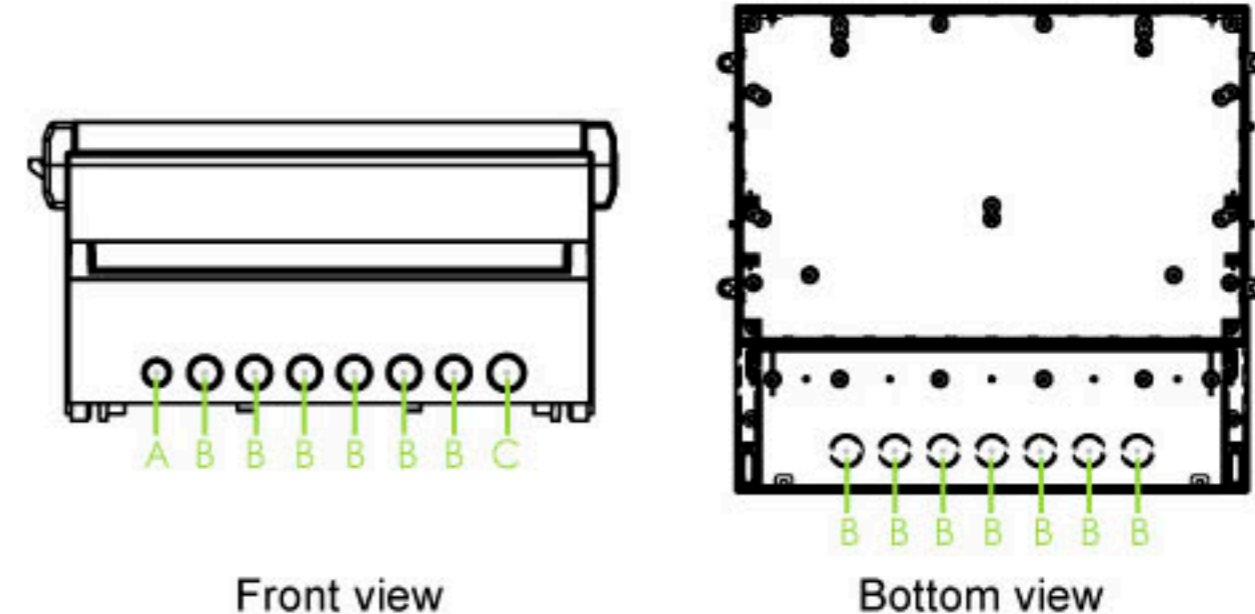
DC005CUL, DC005CBU, DC005LGNO, DC005CBUNO



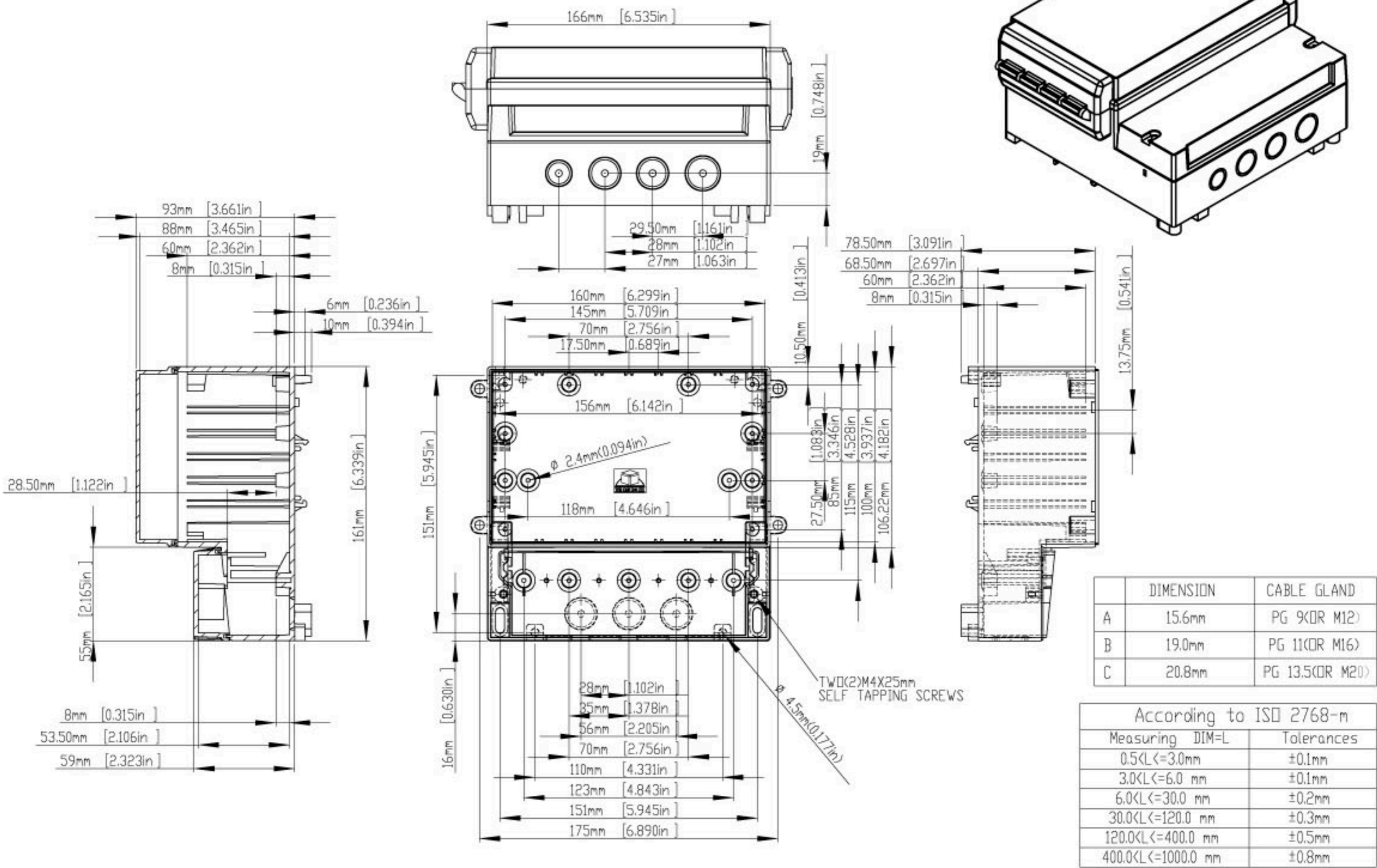
DC007CUL, DC007CBU, DC007LGNO, DC007CBUNO



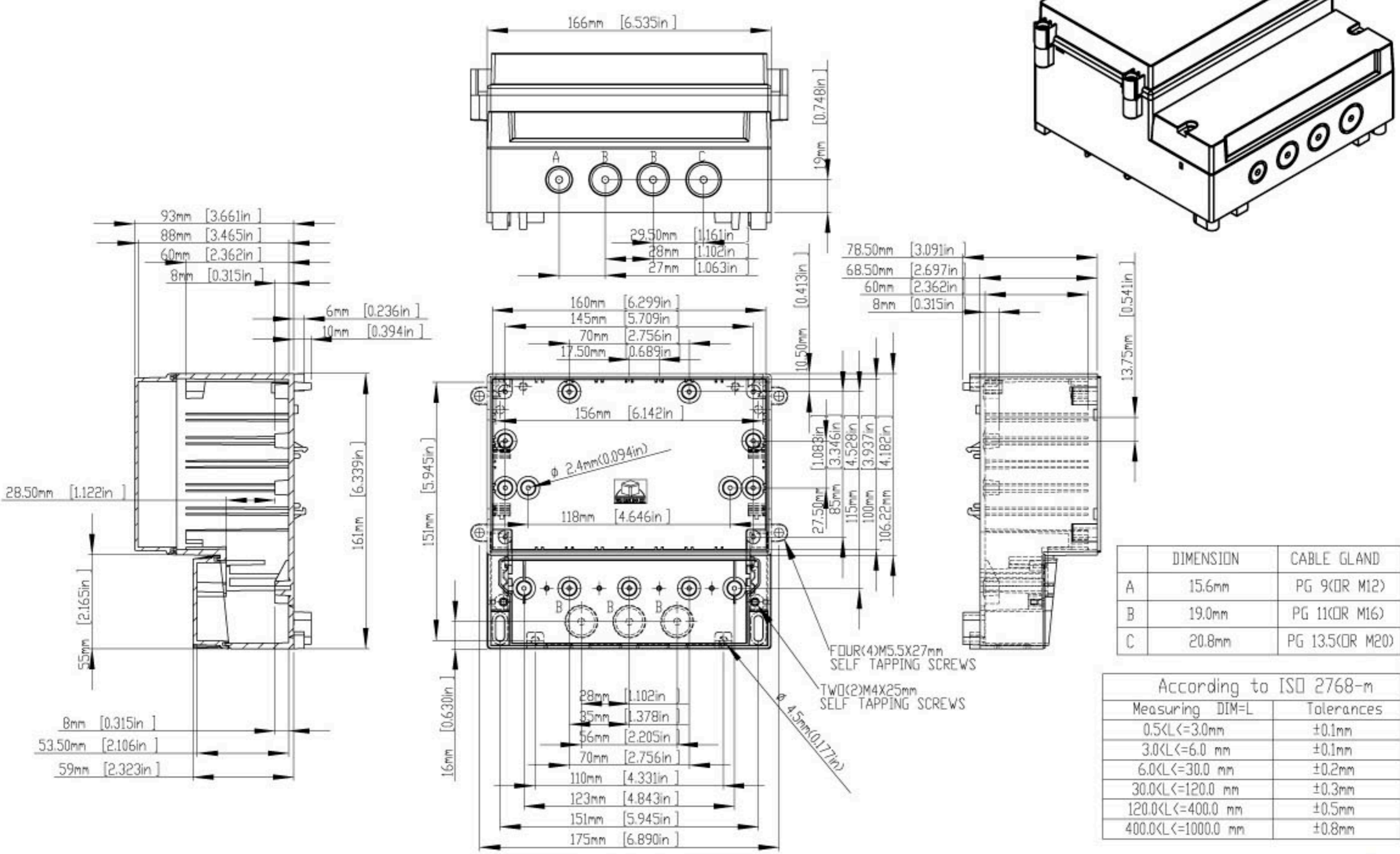
DC009CUL, DC009CBU, DC009LGNO, DC009CBUNO



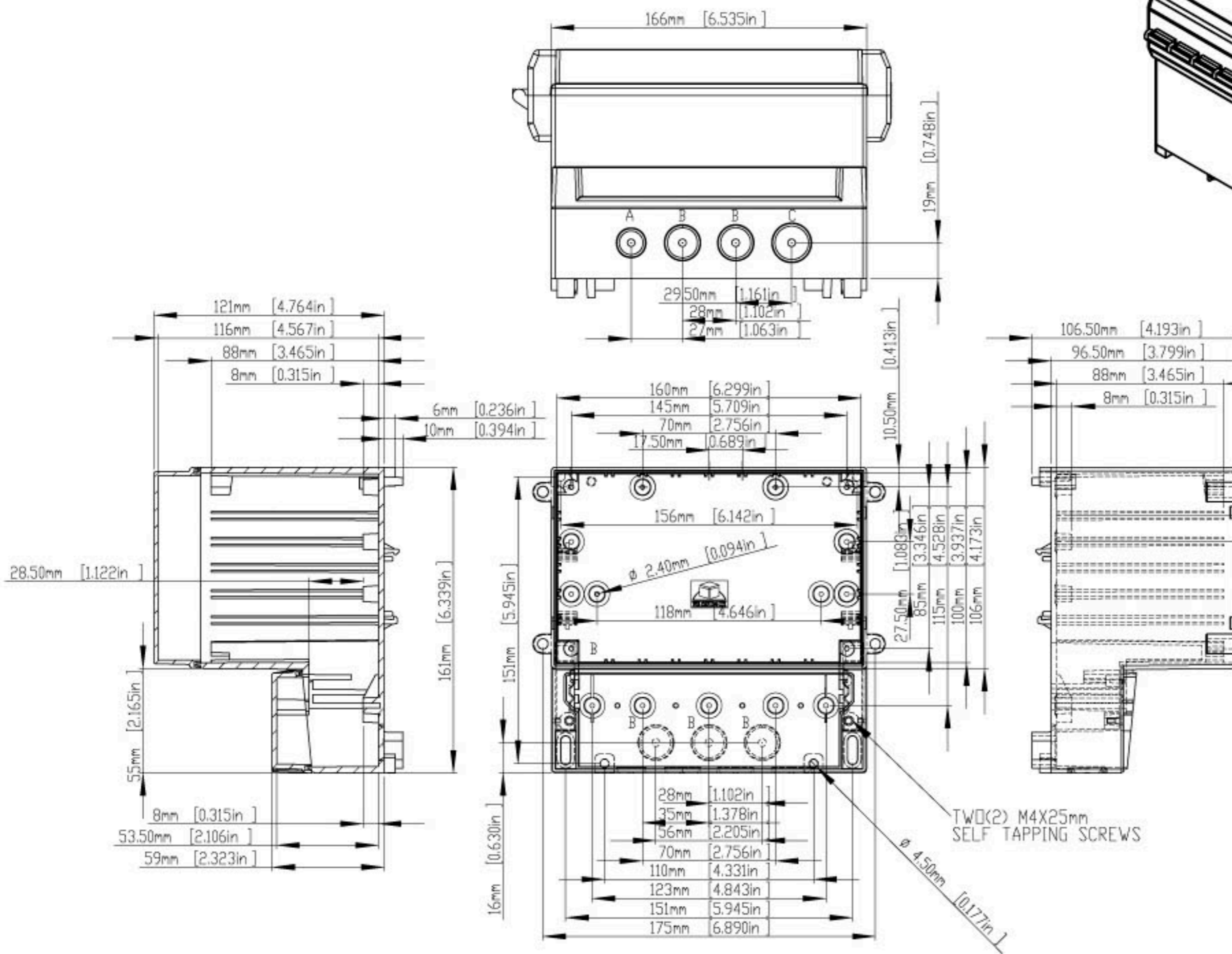
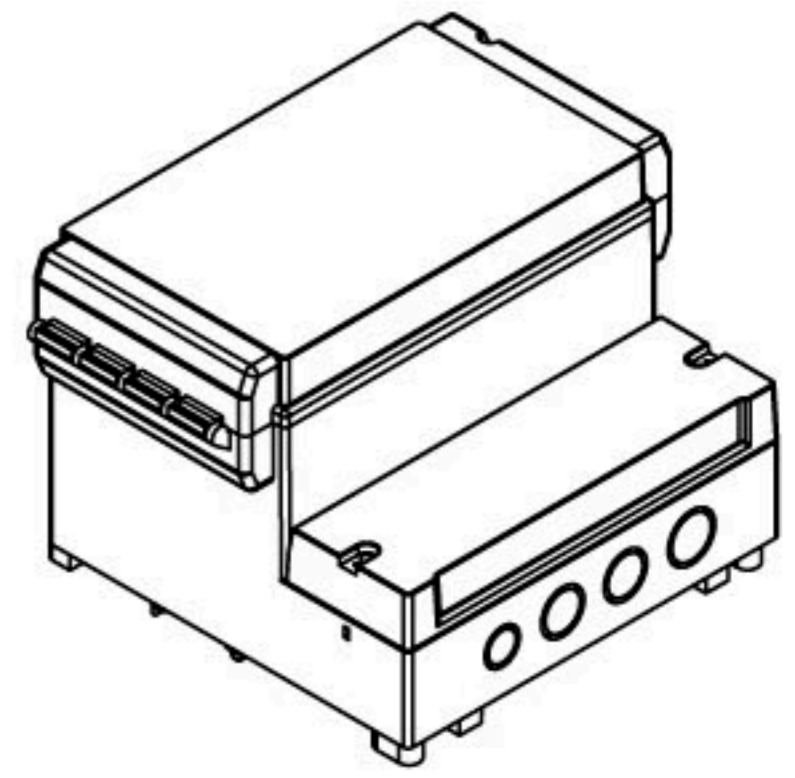
DC001CUL/DC001CBU



DC001CBUNO/DC001LGNO



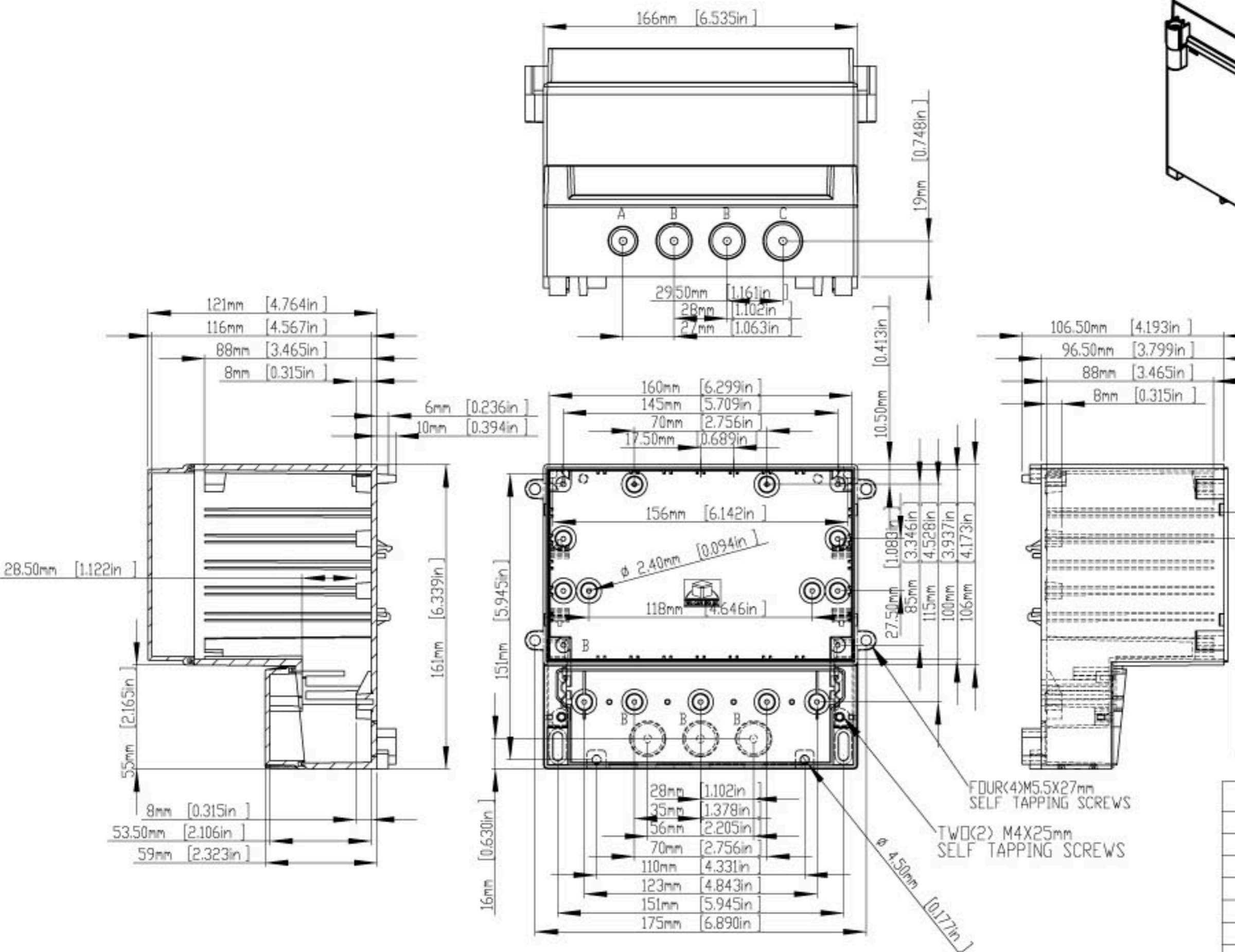
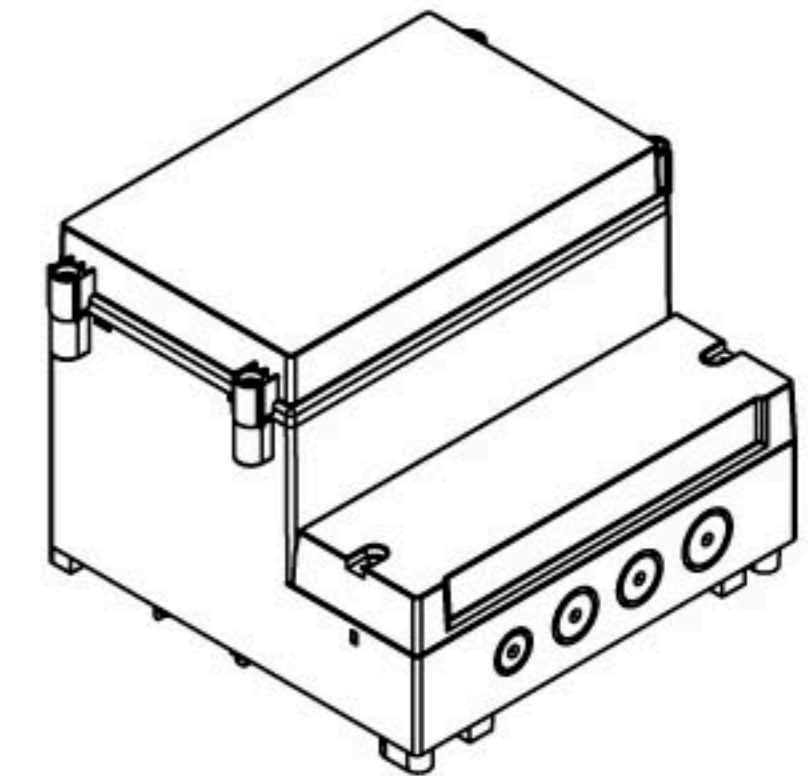
DC003CUL/DC003CBU



	DIMENSION	CABLE GLAND
A	15.6mm	PG 9(OR M12)
B	19.0mm	PG 11(OR M16)
C	20.8mm	PG 13.5(OR M20)

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

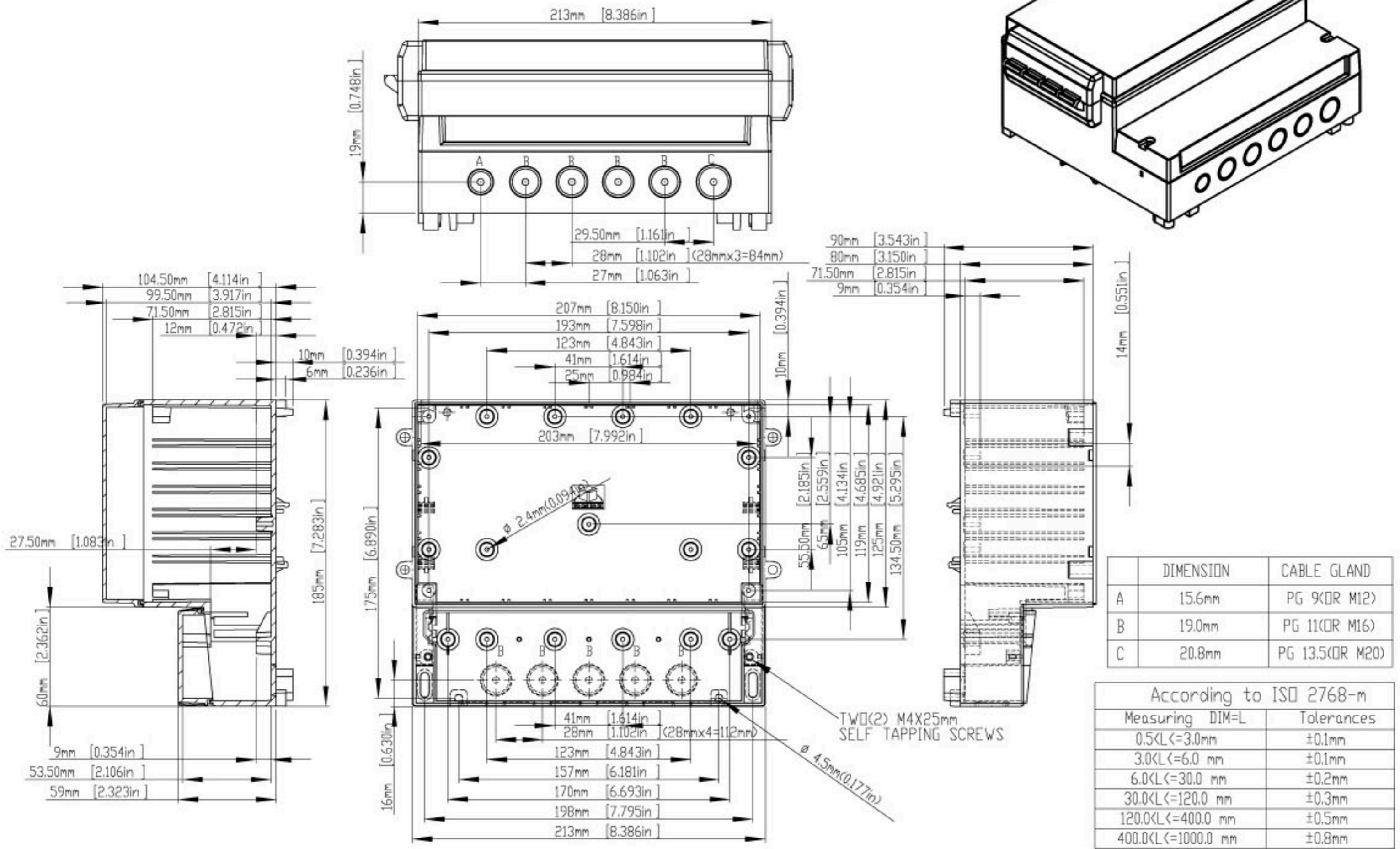
DC003CBUNO/DC003LGNO



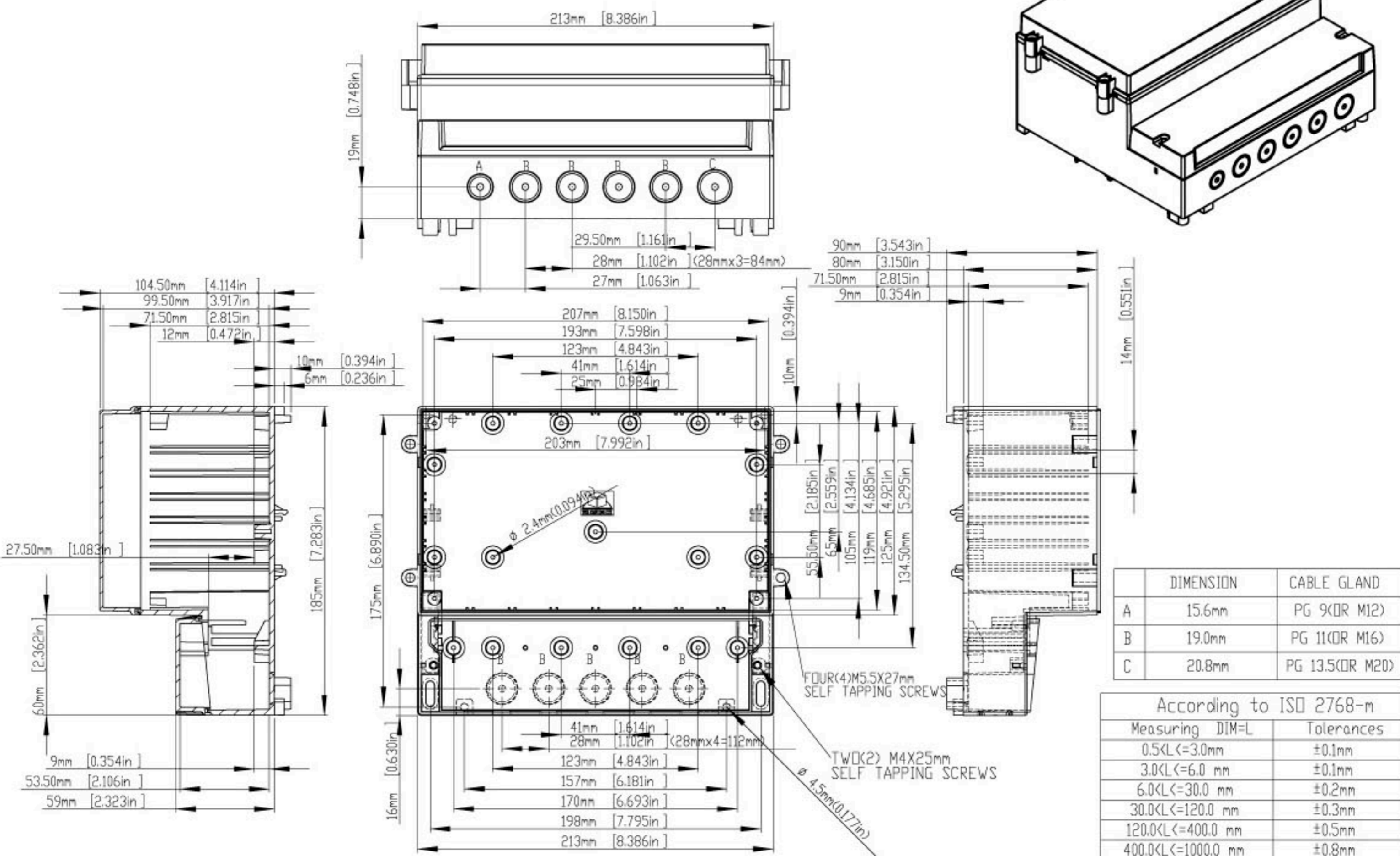
	DIMENSION	CABLE GLAND
A	15.6mm	PG 9(OR M12)
B	19.0mm	PG 11(OR M16)
C	20.8mm	PG 13.5(OR M20)

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

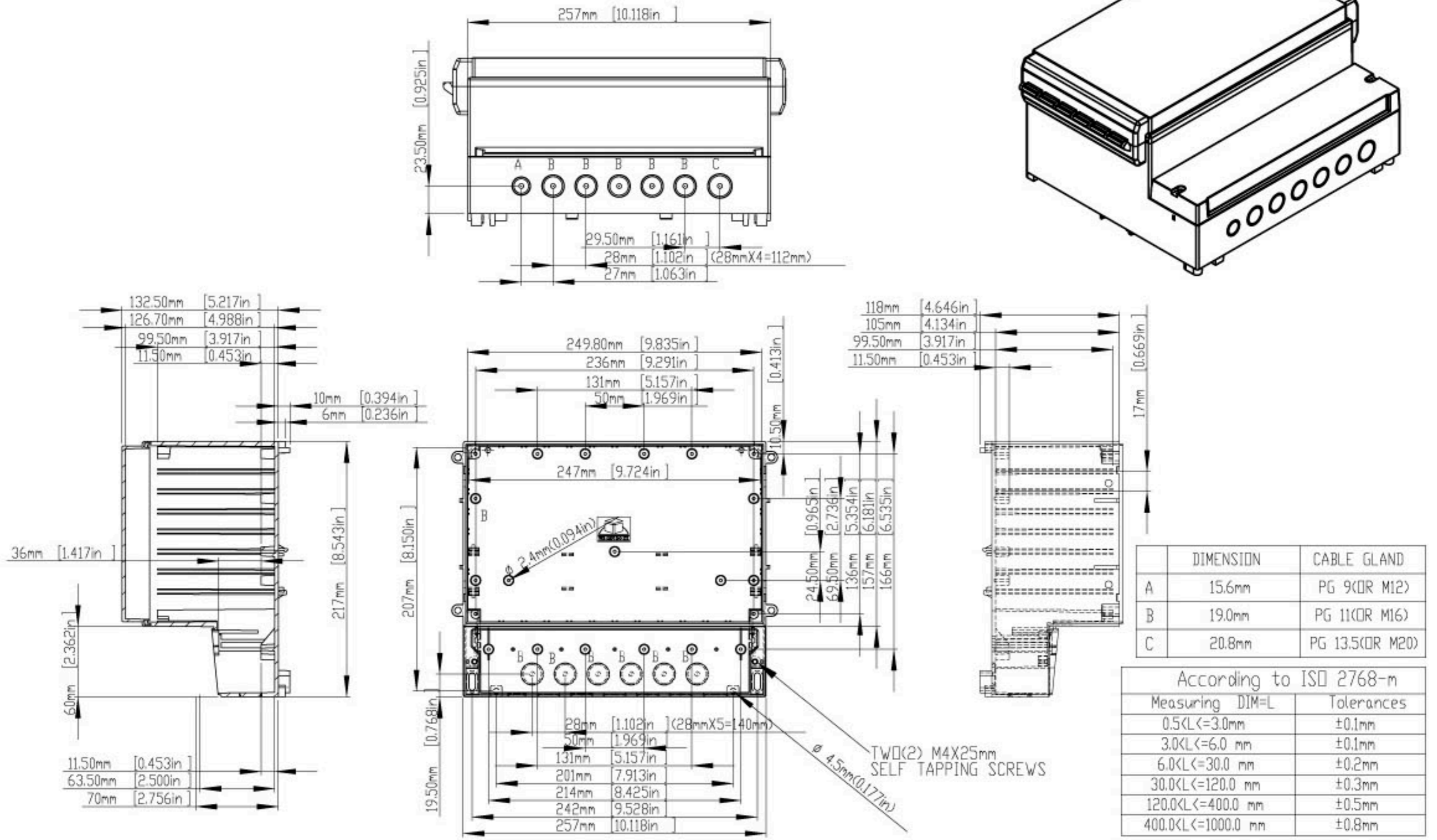
DC005CUL/DC005CBU



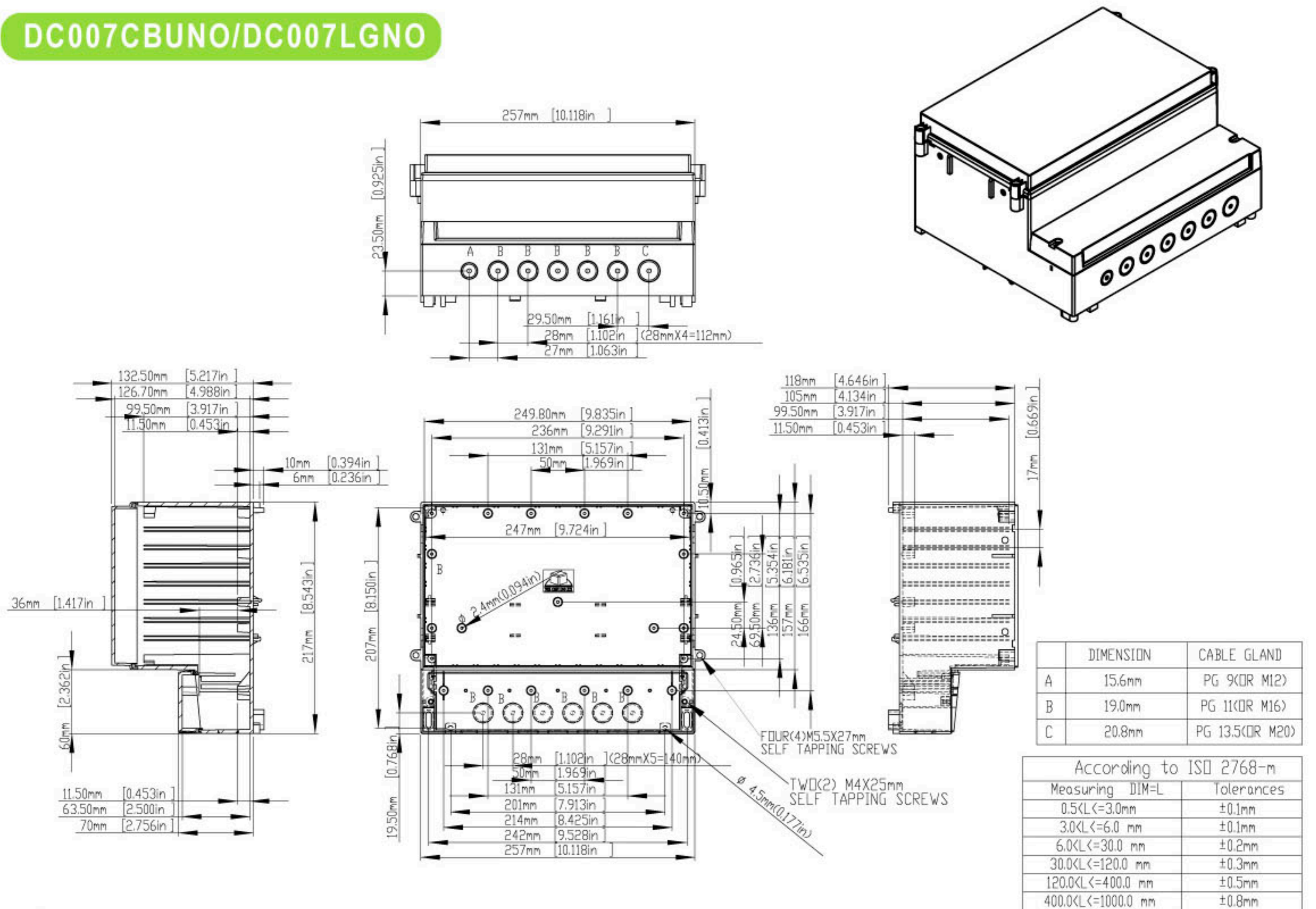
DC005CBUNO/DC005LGNO



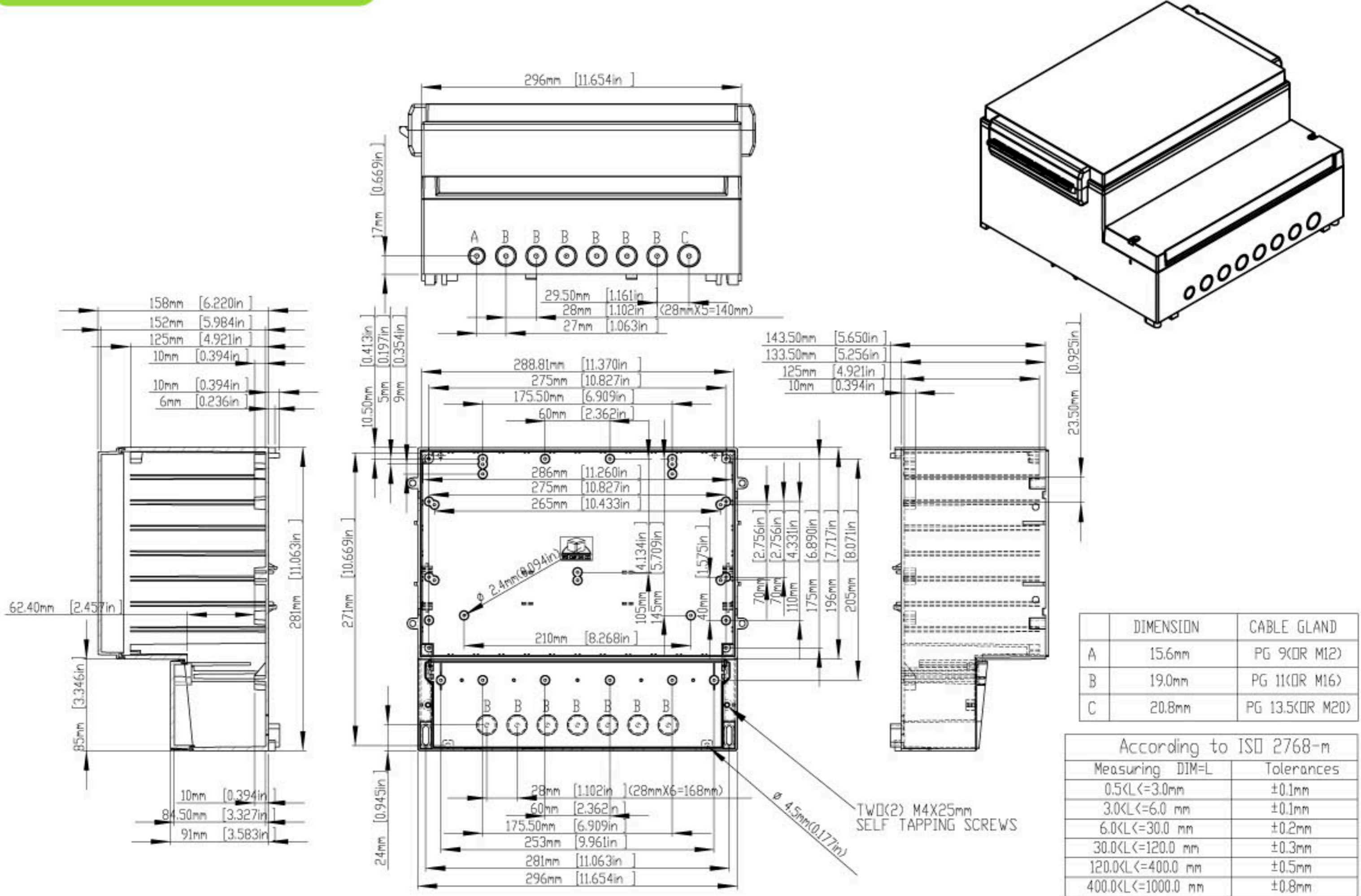
DC007CUL/DC007CBU



DC007CBUNO/DC007LGNO



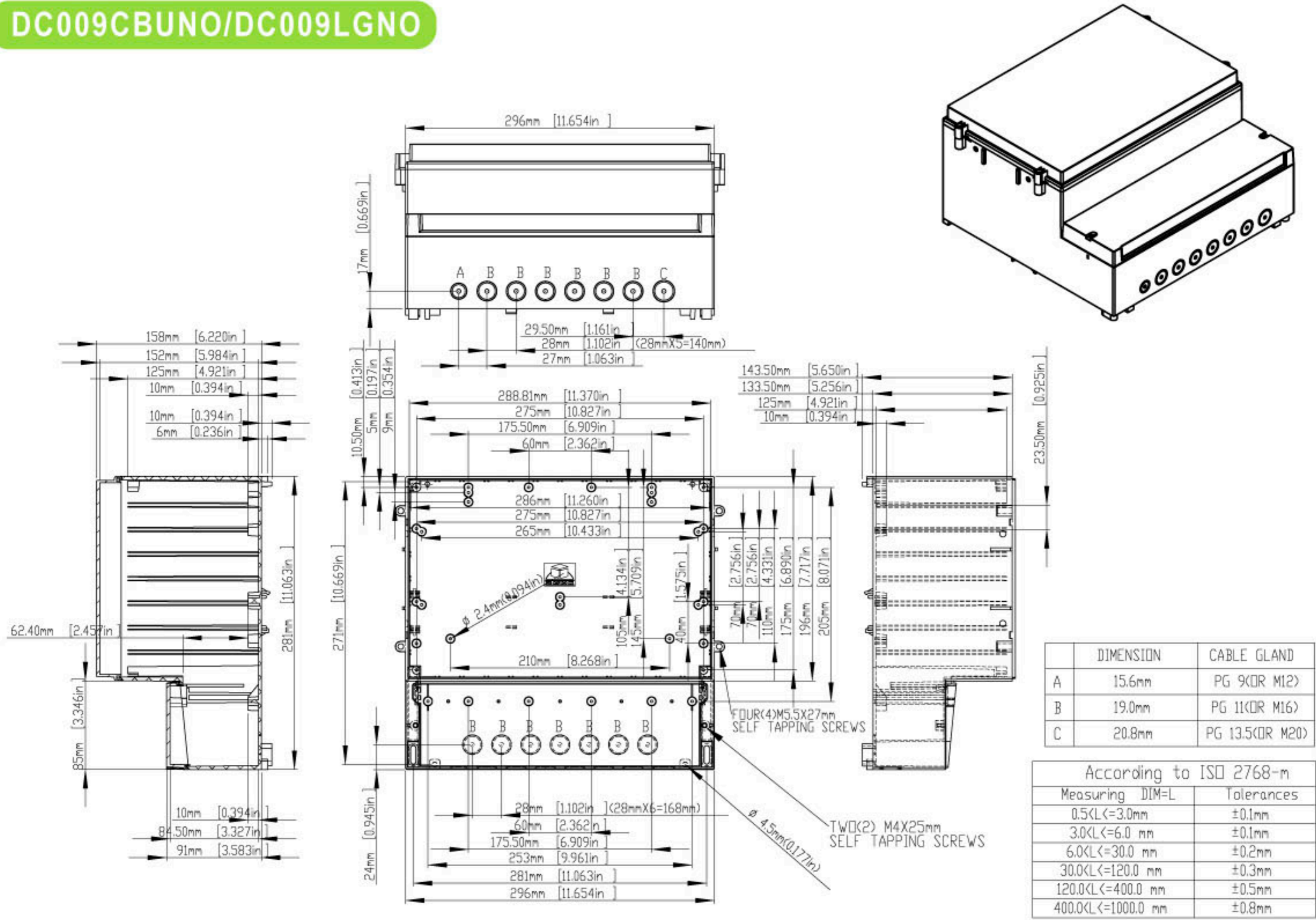
DC009CUL/DC009CBU



	DIMENSION	CABLE GLAND
A	15.6mm	PG 9(OR M12)
B	19.0mm	PG 11(OR M16)
C	20.8mm	PG 13.5(OR M20)

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

DC009CBUNO/DC009LGNO



	DIMENSION	CABLE GLAND
A	15.6mm	PG 9(OR M12)
B	19.0mm	PG 11(OR M16)
C	20.8mm	PG 13.5(OR M20)

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

SEALED DIE-CAST ALUMINUM ENCLOSURES WITH MOUNTING FLANGE



- Material: Aluminium Alloy ADC-12 to JAPAN (JIS)
- Finish: Natural aluminium color.
- Designed to meet IP65 and NEMA4 through the use of EPDM gasket with the universal tongue and groove seal system.
- Wall mounting holes and lid fixing screws are outside the sealing area for real sealing protection.
- Mounting Flange is designed on the bottom of the base, so the base can be mounted with M5 pan head machine screws on the wall easily.



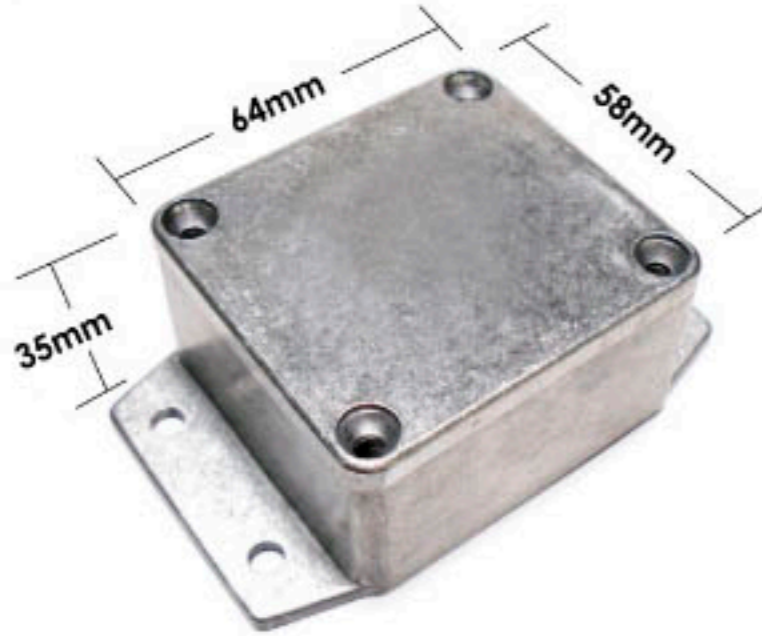
G113MFBK

Light gray or black powder coated aluminum enclosure are available for ordering, just need to add "G" (or "BK") after the item number.

Content

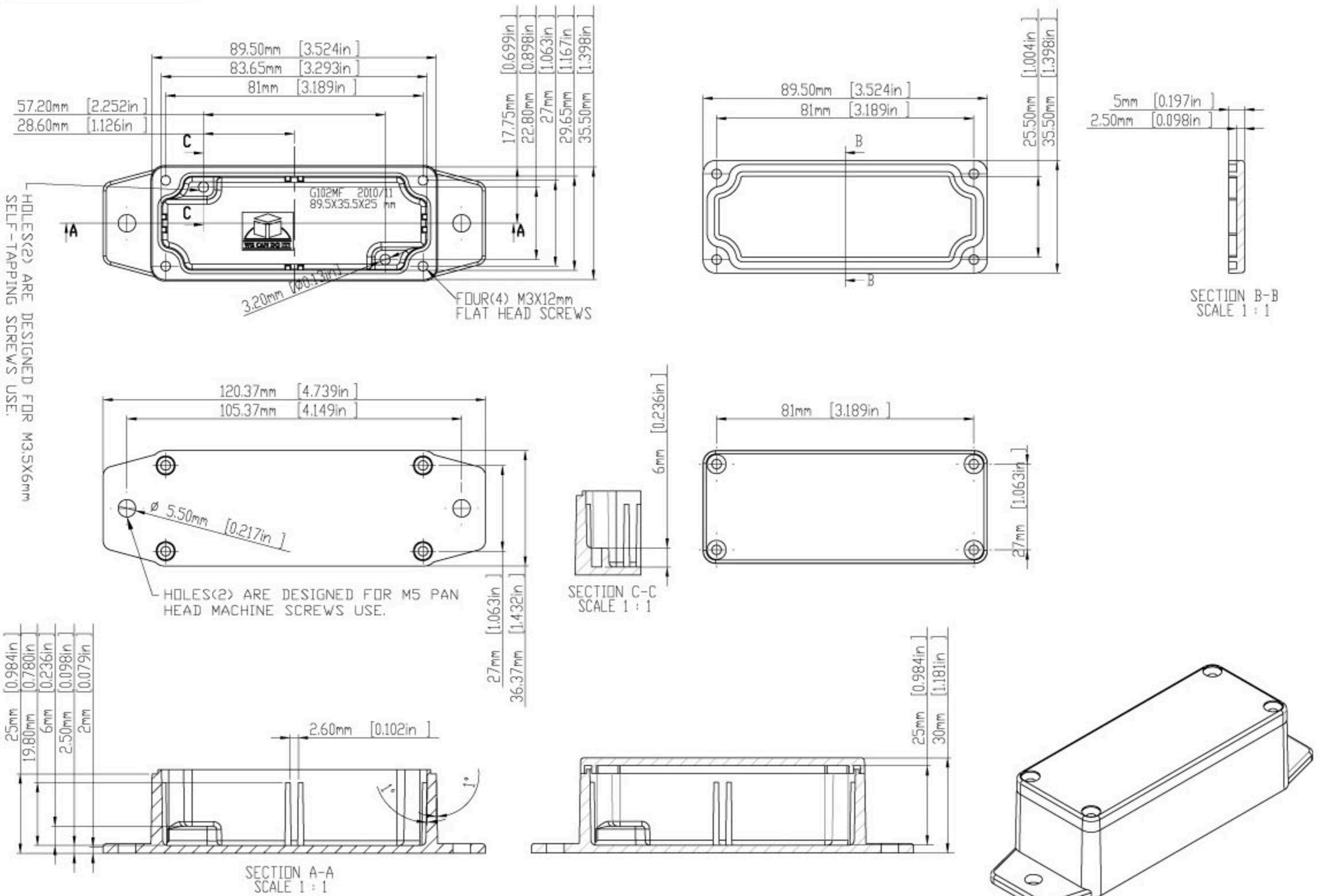


Example:
G104MF

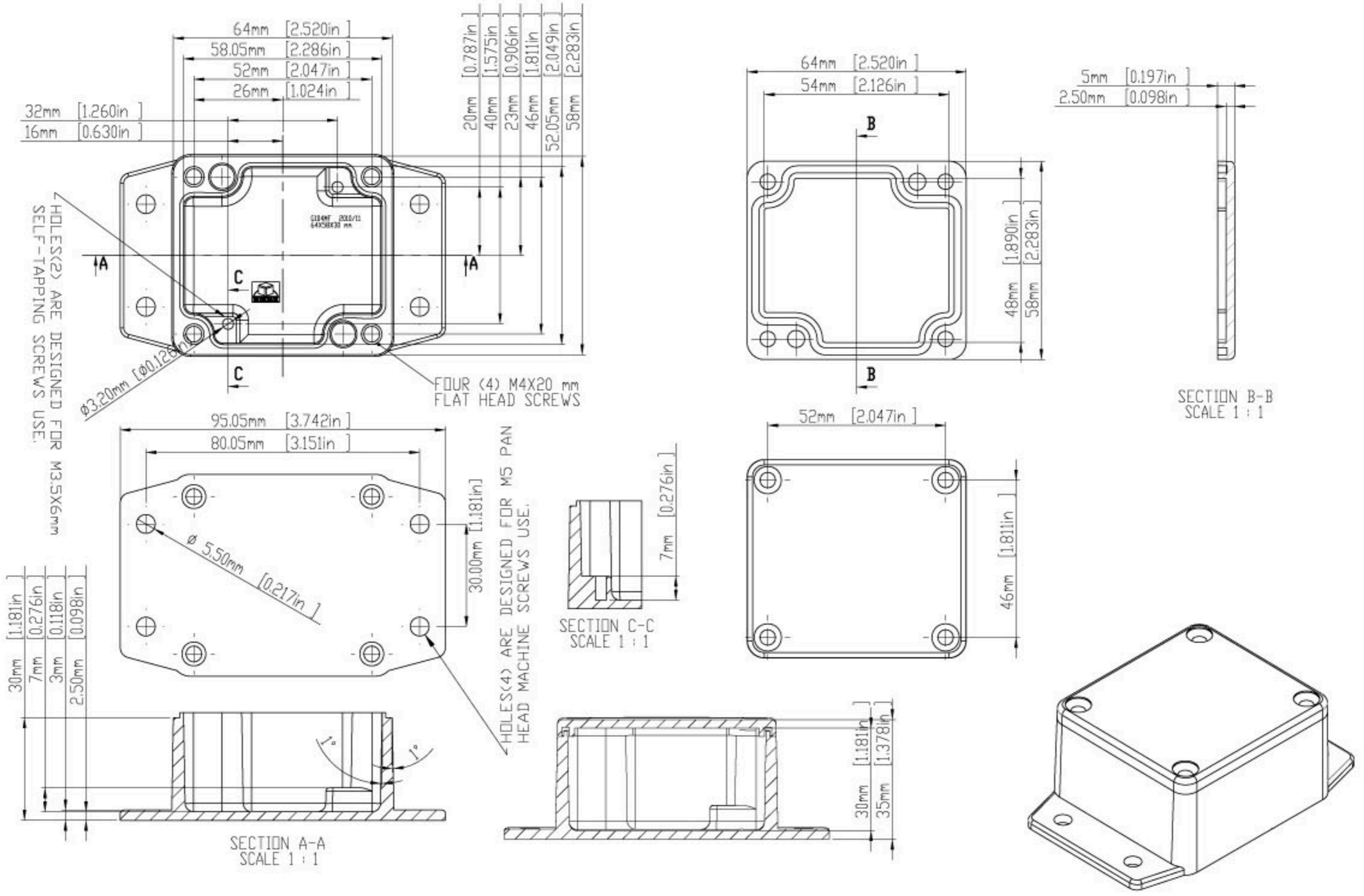


STOCK NO.	EXTERNAL DIMENSION (mm)		
	LENGTH	WIDTH	HEIGHT
G102MF	90	36	30
G104MF	64	58	35
G106MF	115	65	30
G111MF	115	65	55
G113MF	115	90	55
G115MF	148	108	75
G120MF	171	121	55
G124MF	222	146	55
G125MF	222	146	82

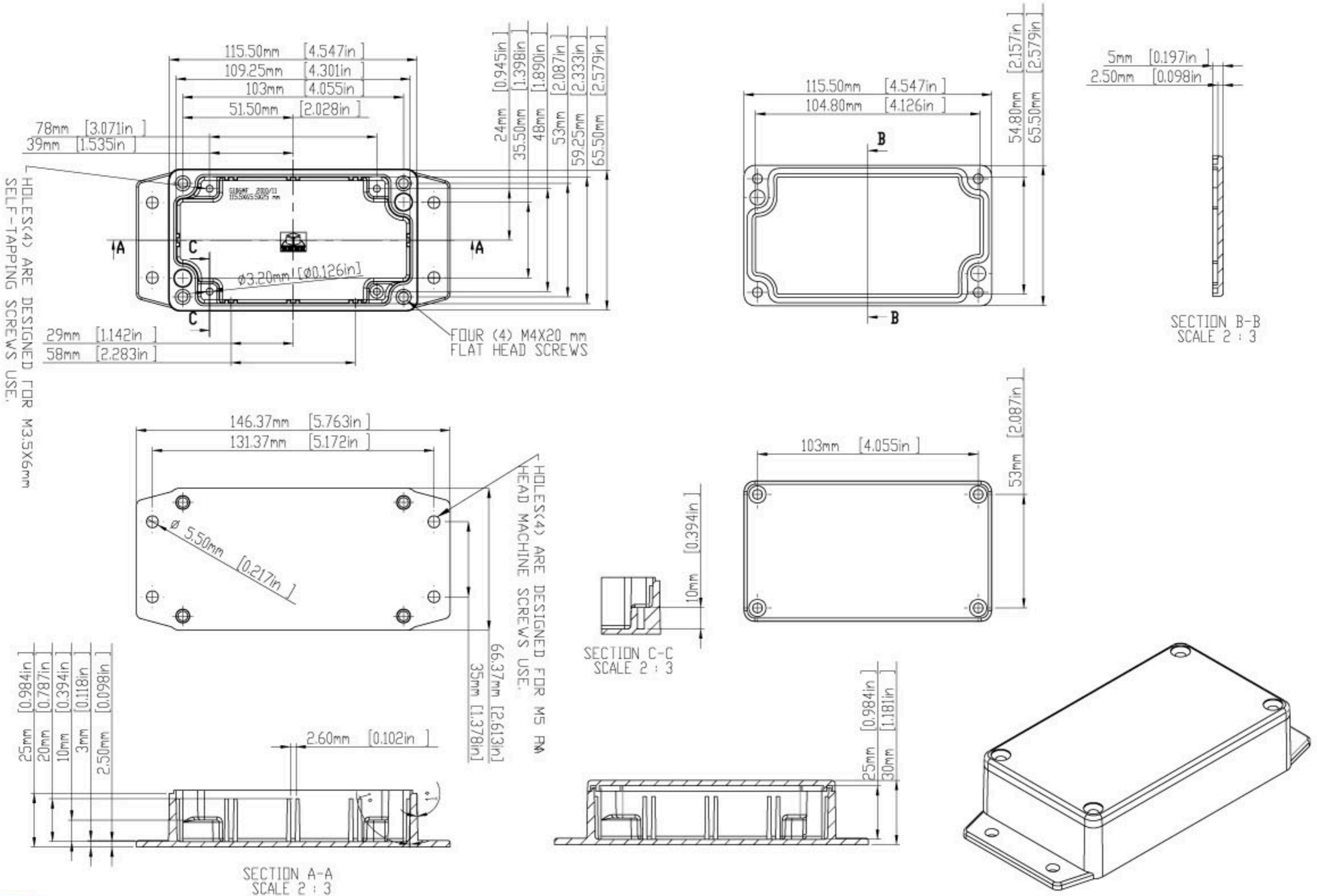
G102MF



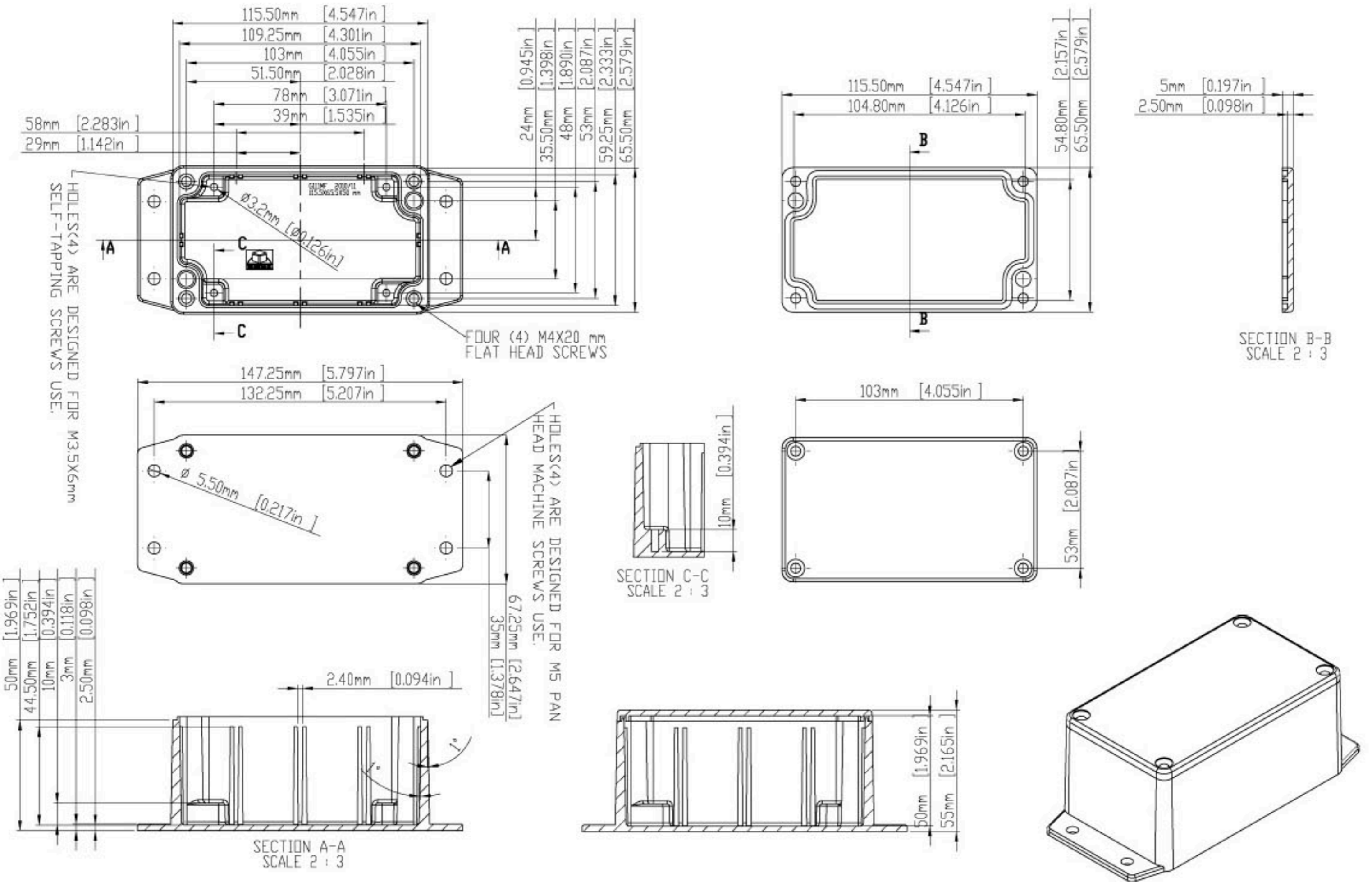
G104MF



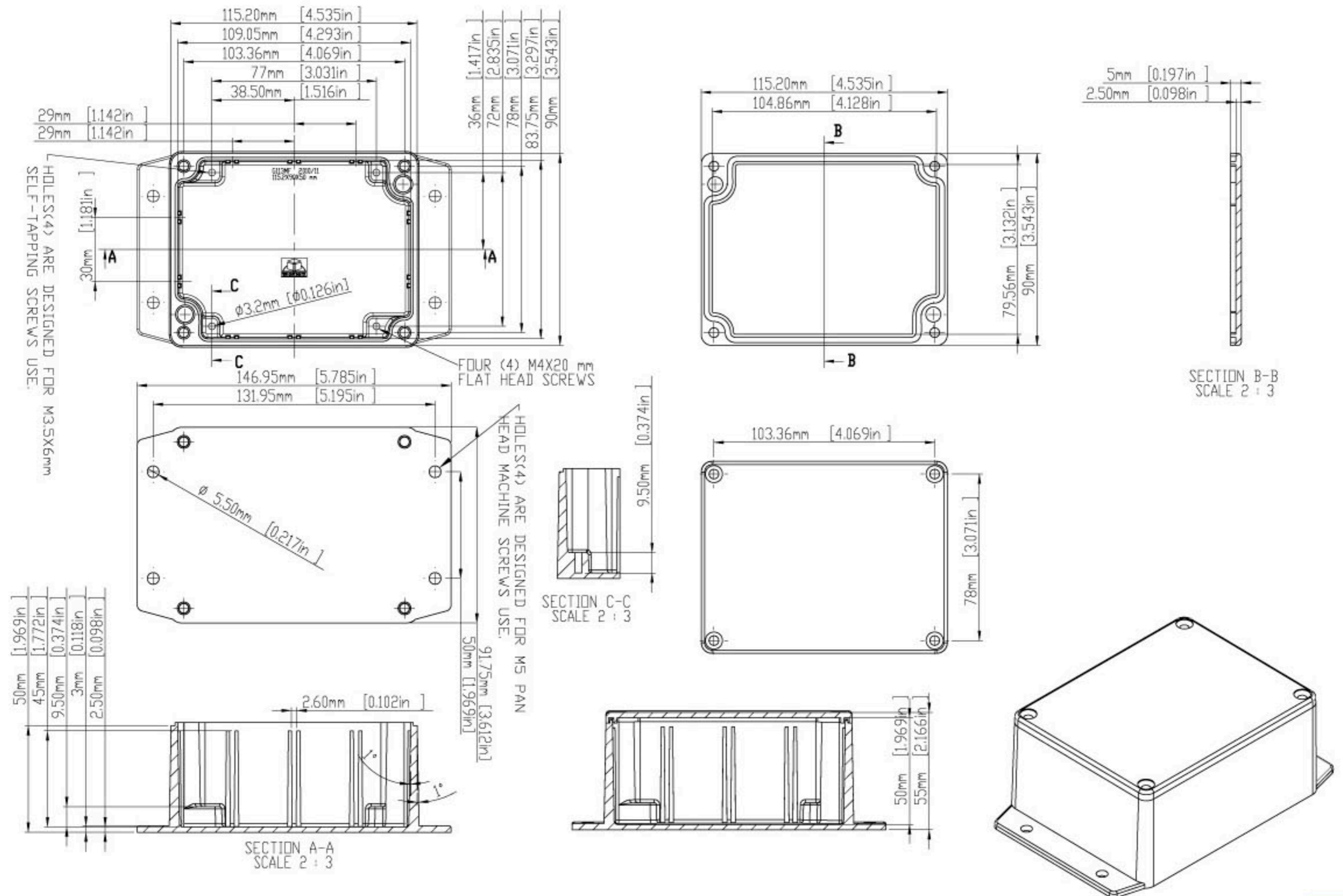
G106MF



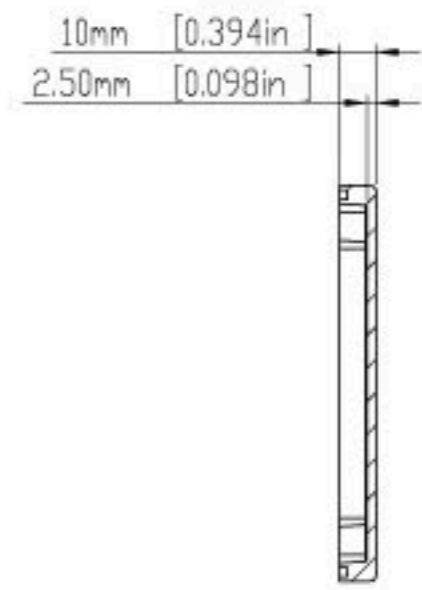
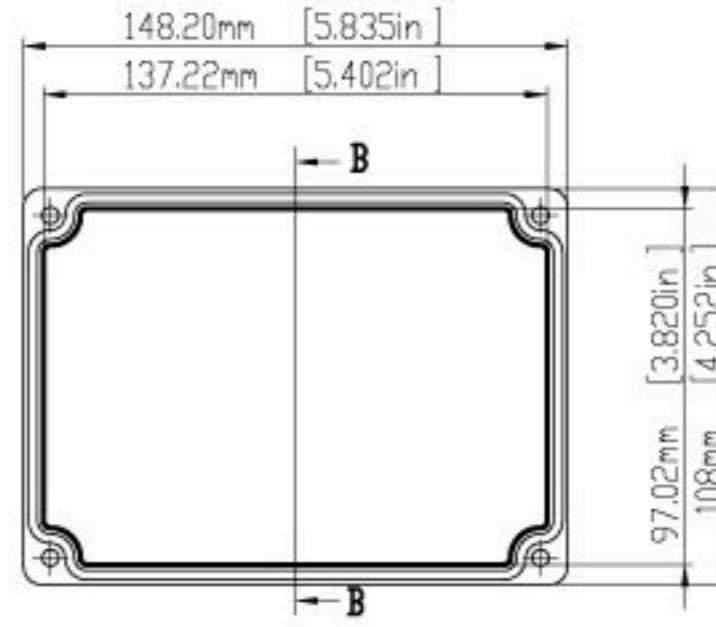
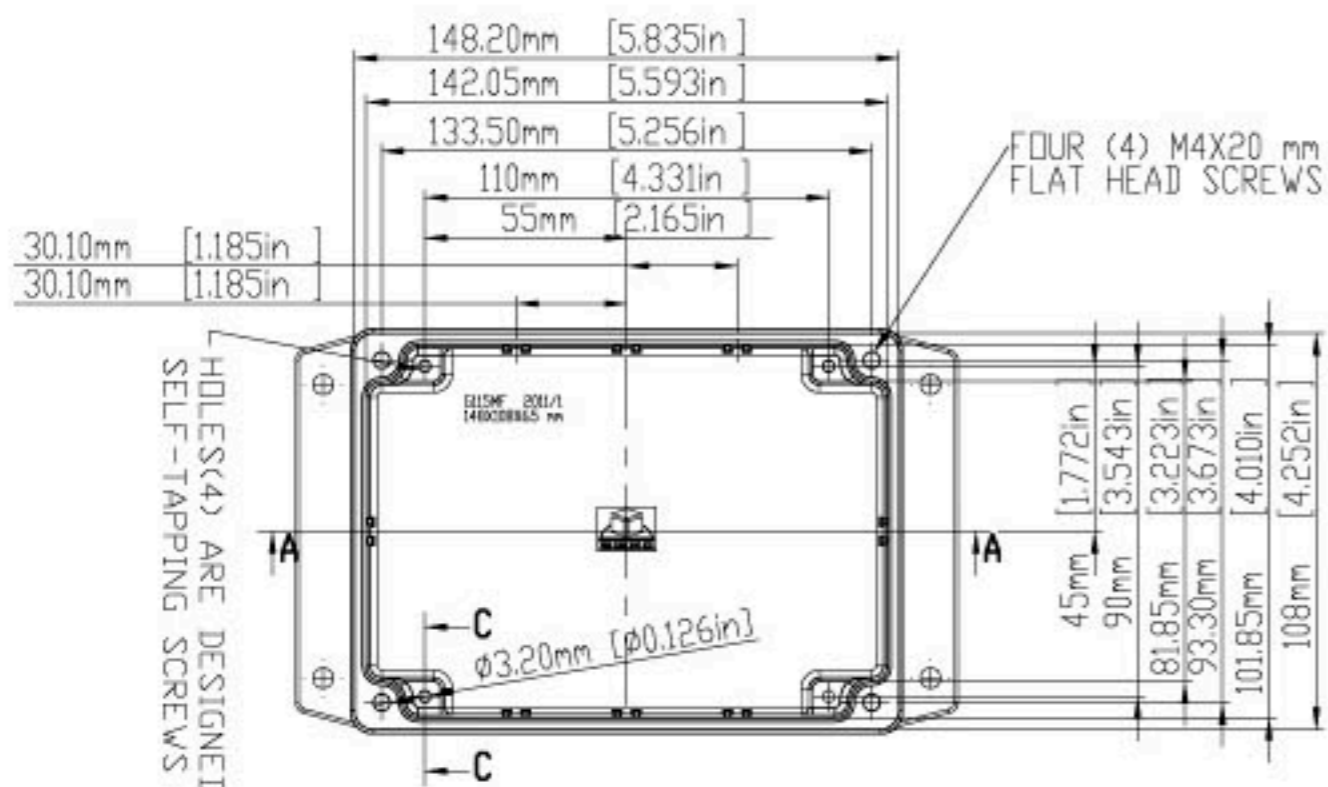
G111MF



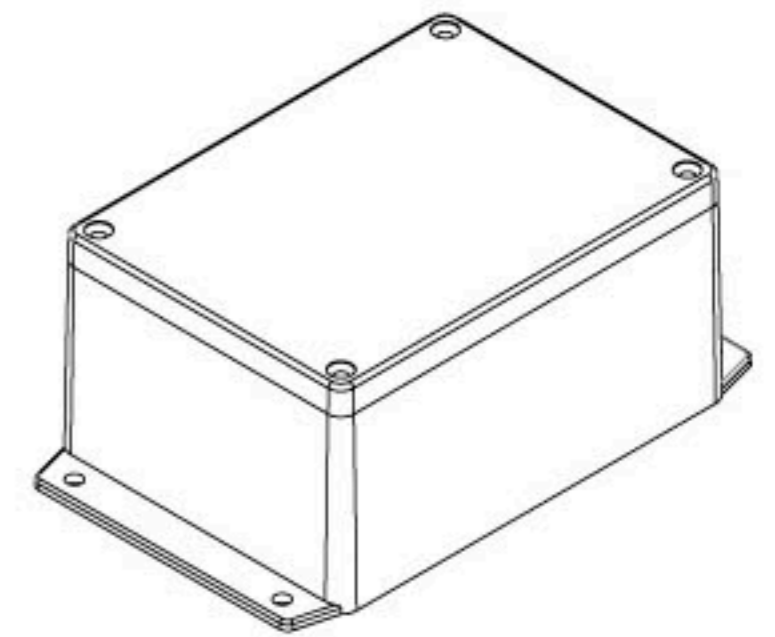
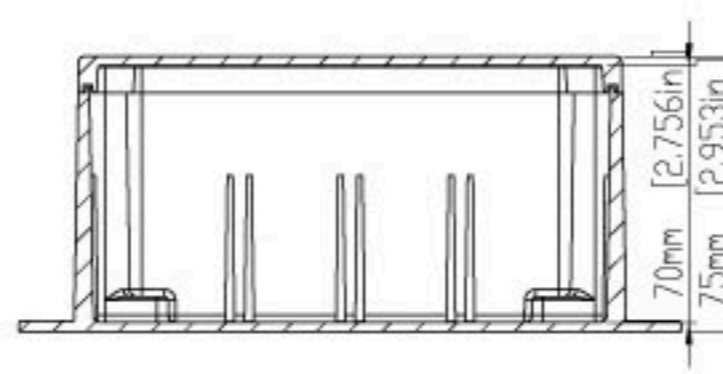
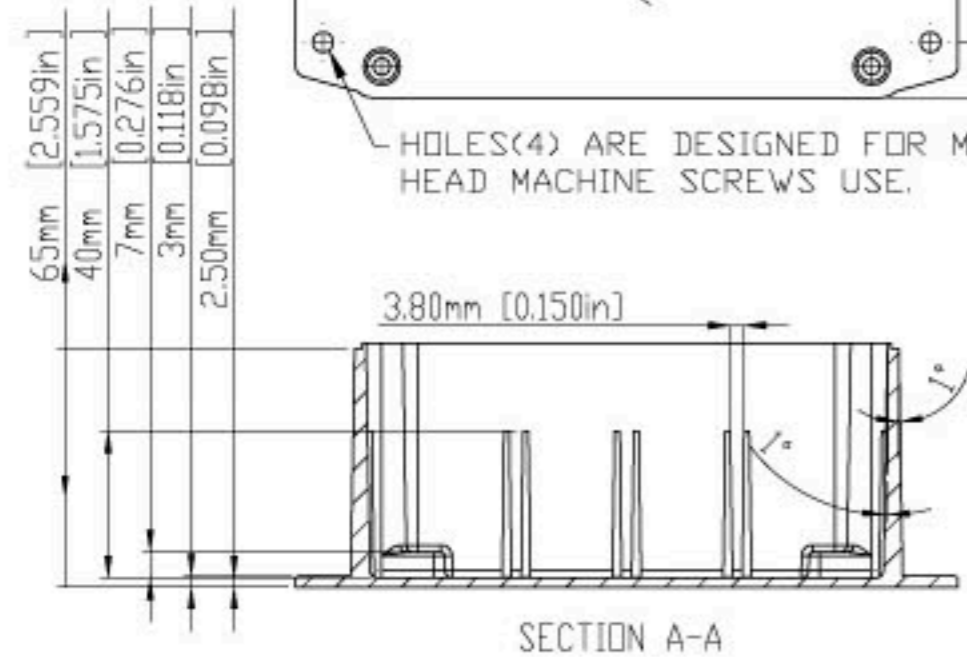
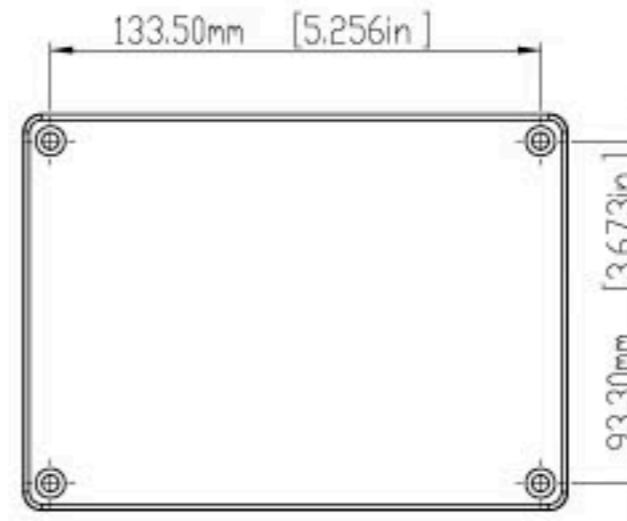
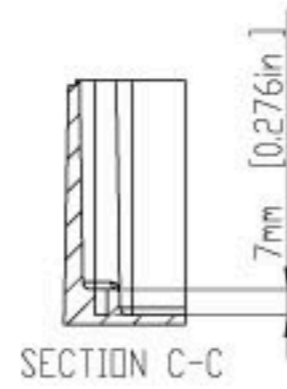
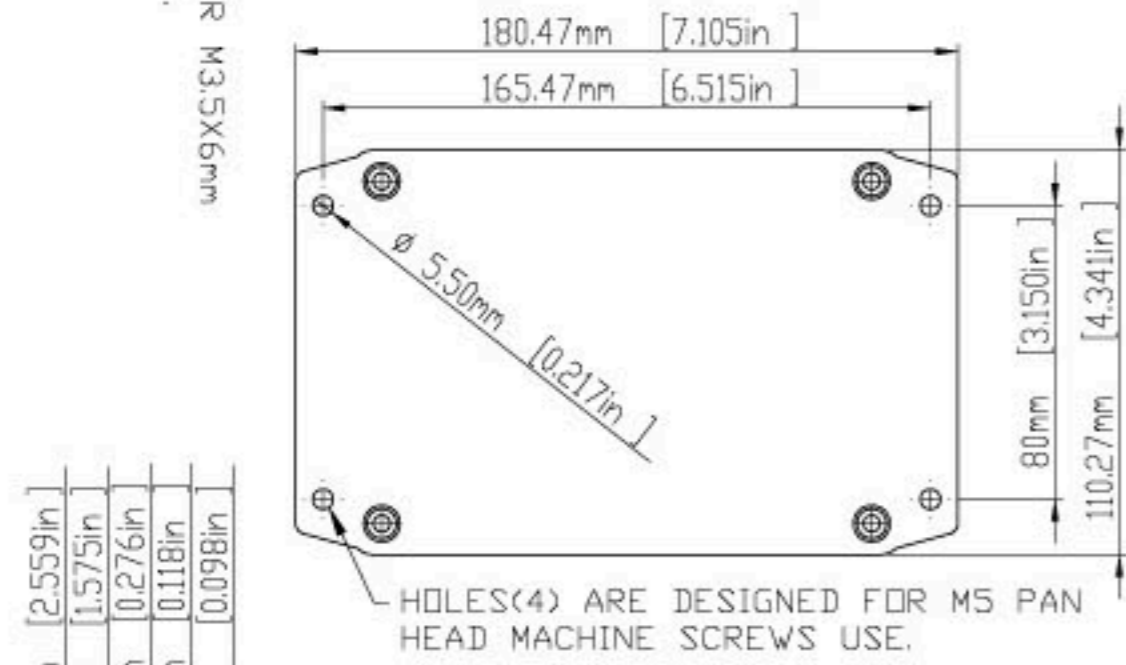
G113MF



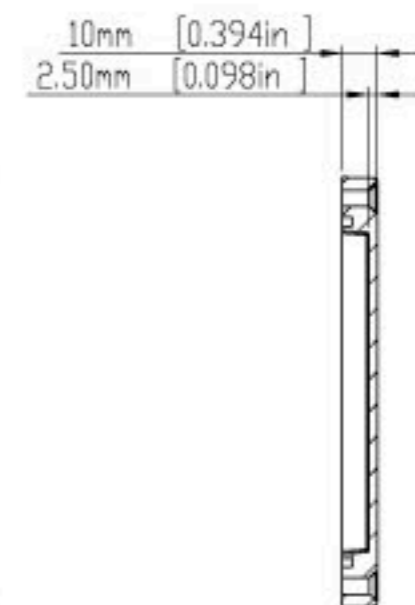
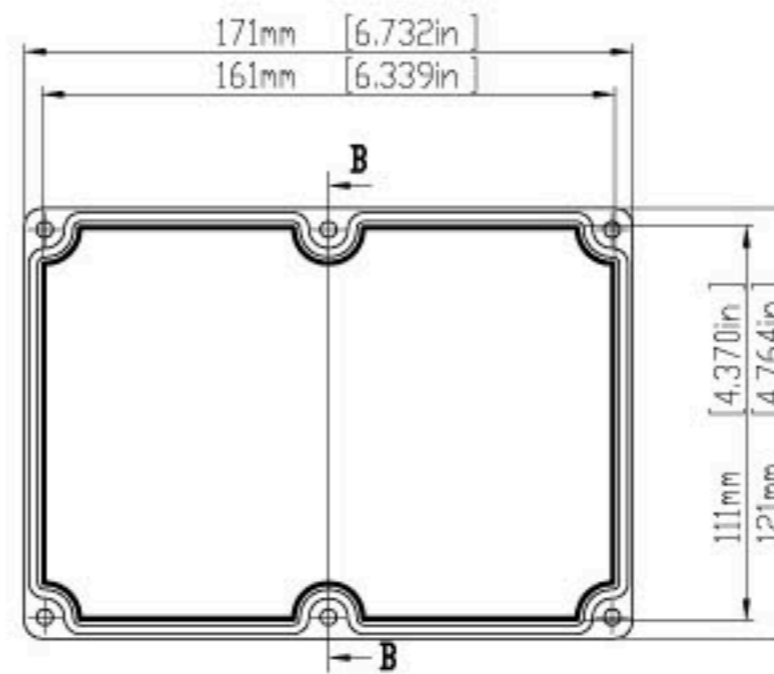
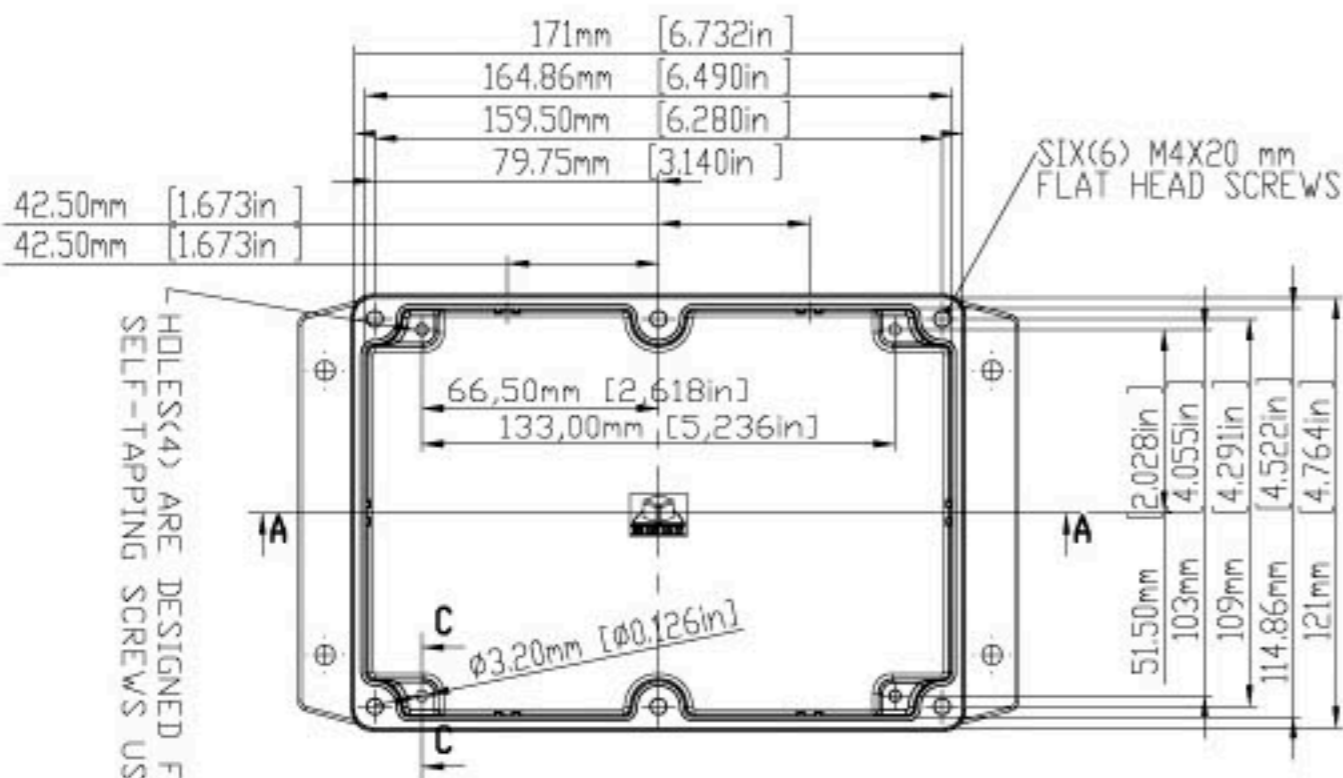
G115MF



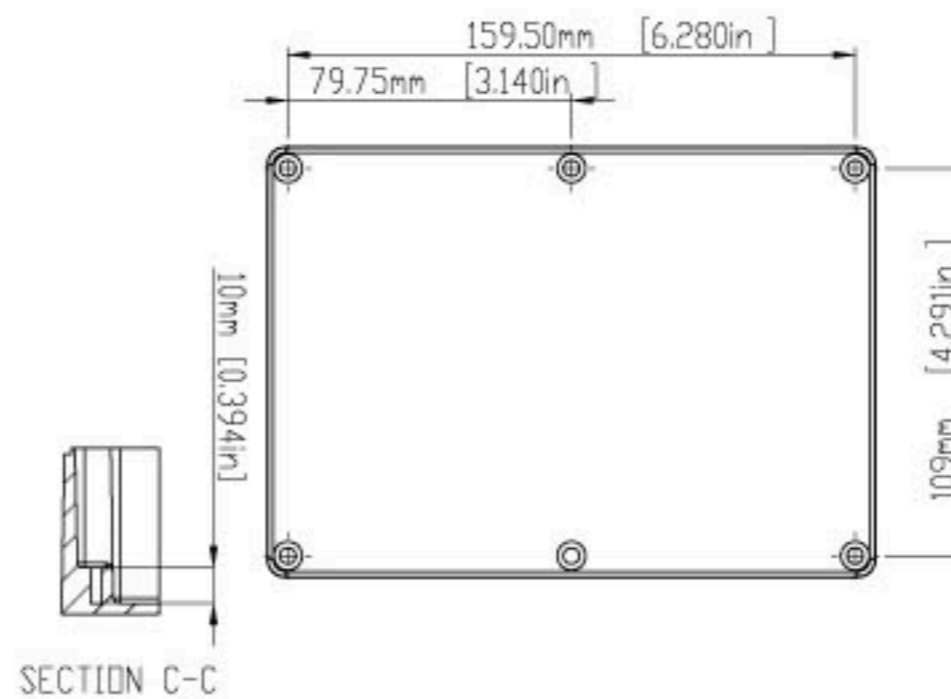
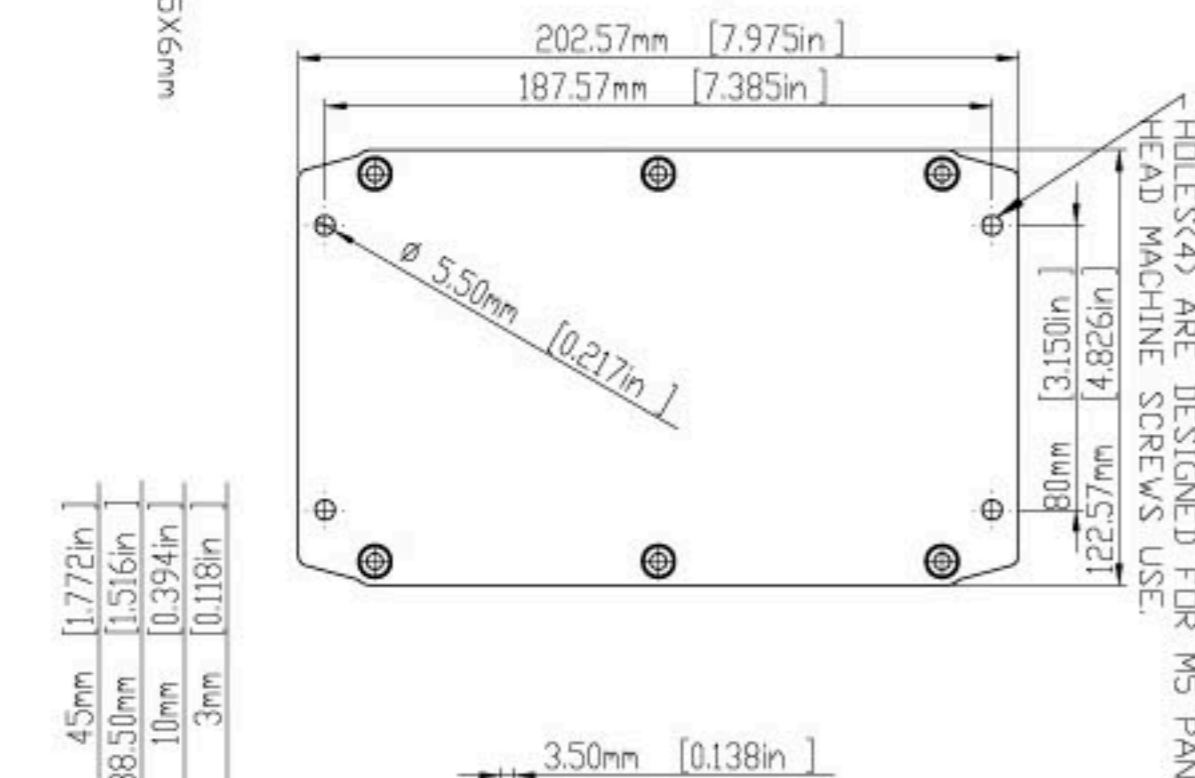
SECTION B-B



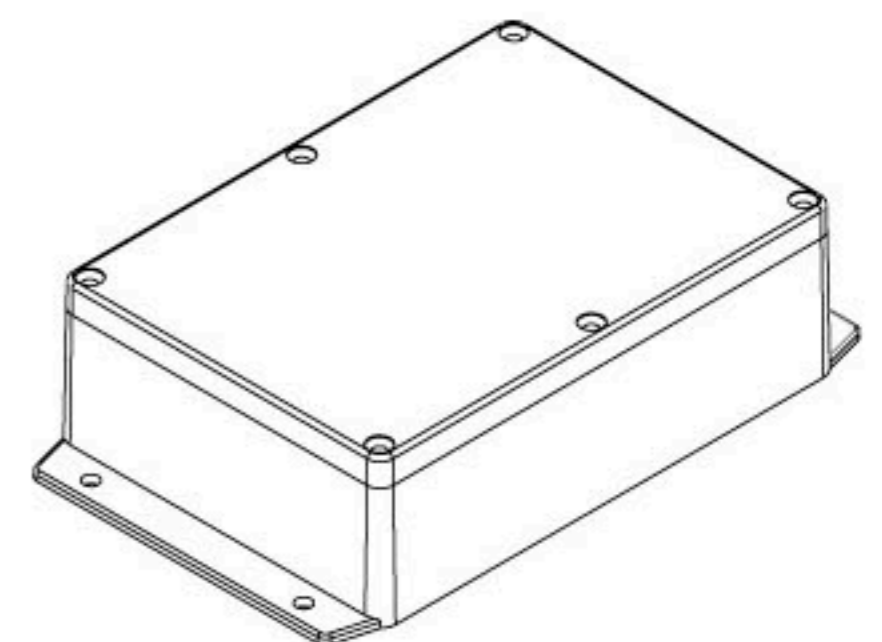
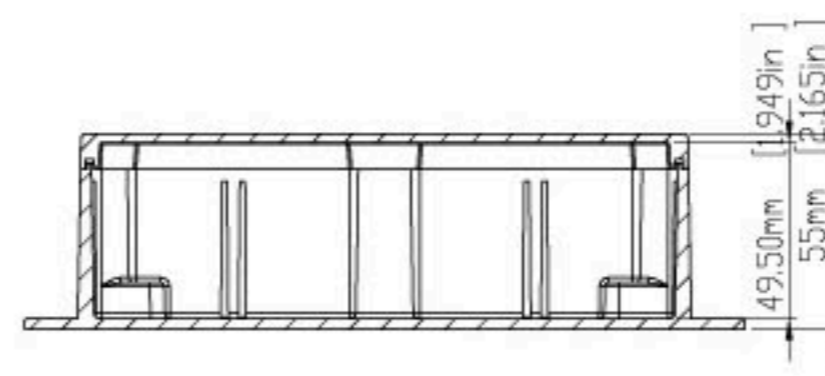
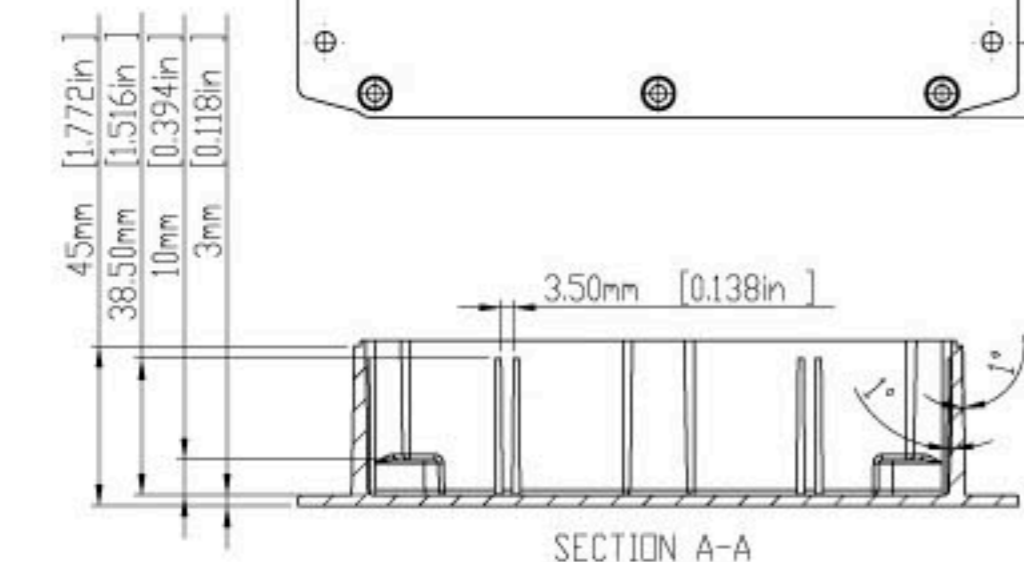
G120MF



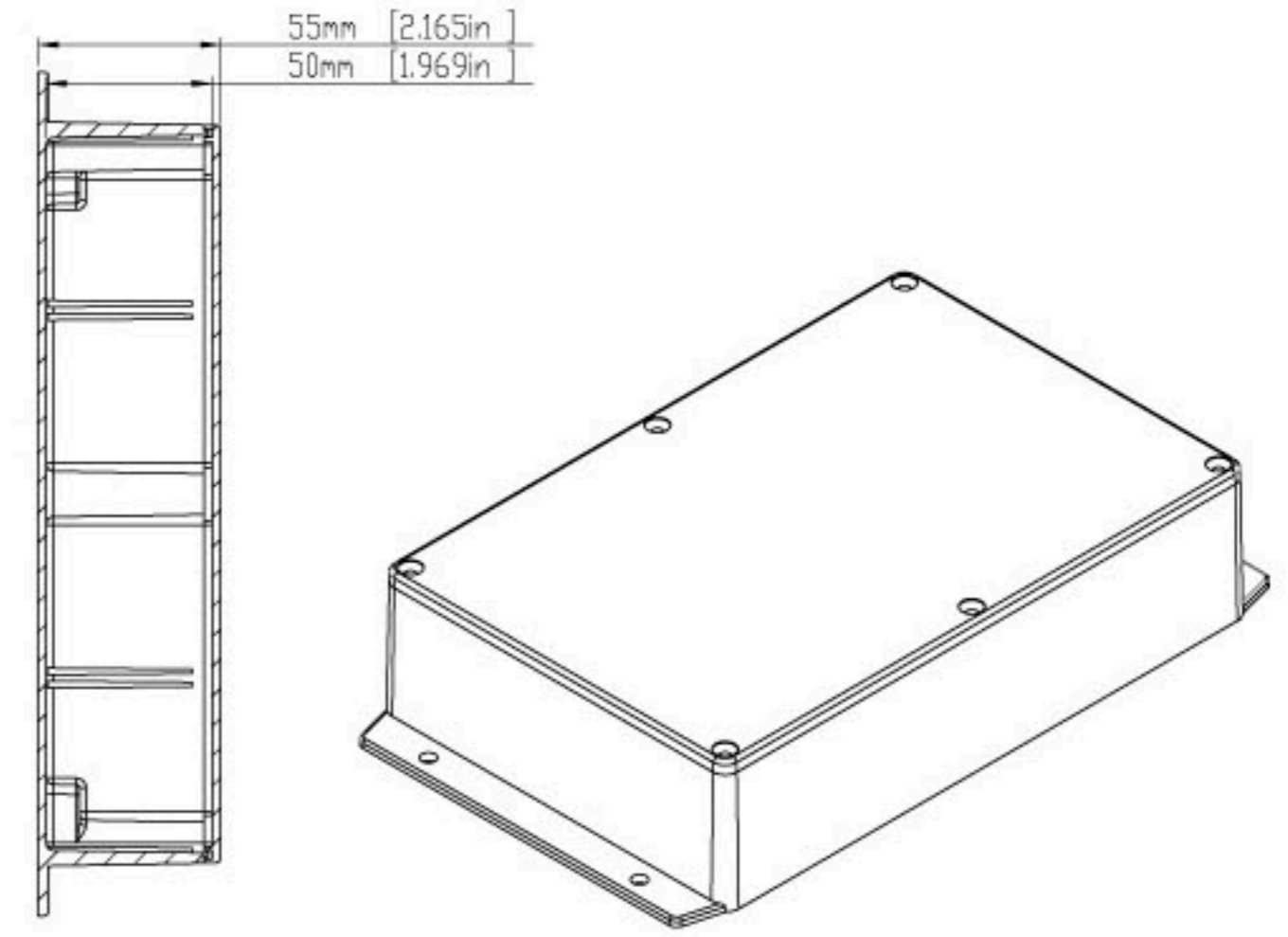
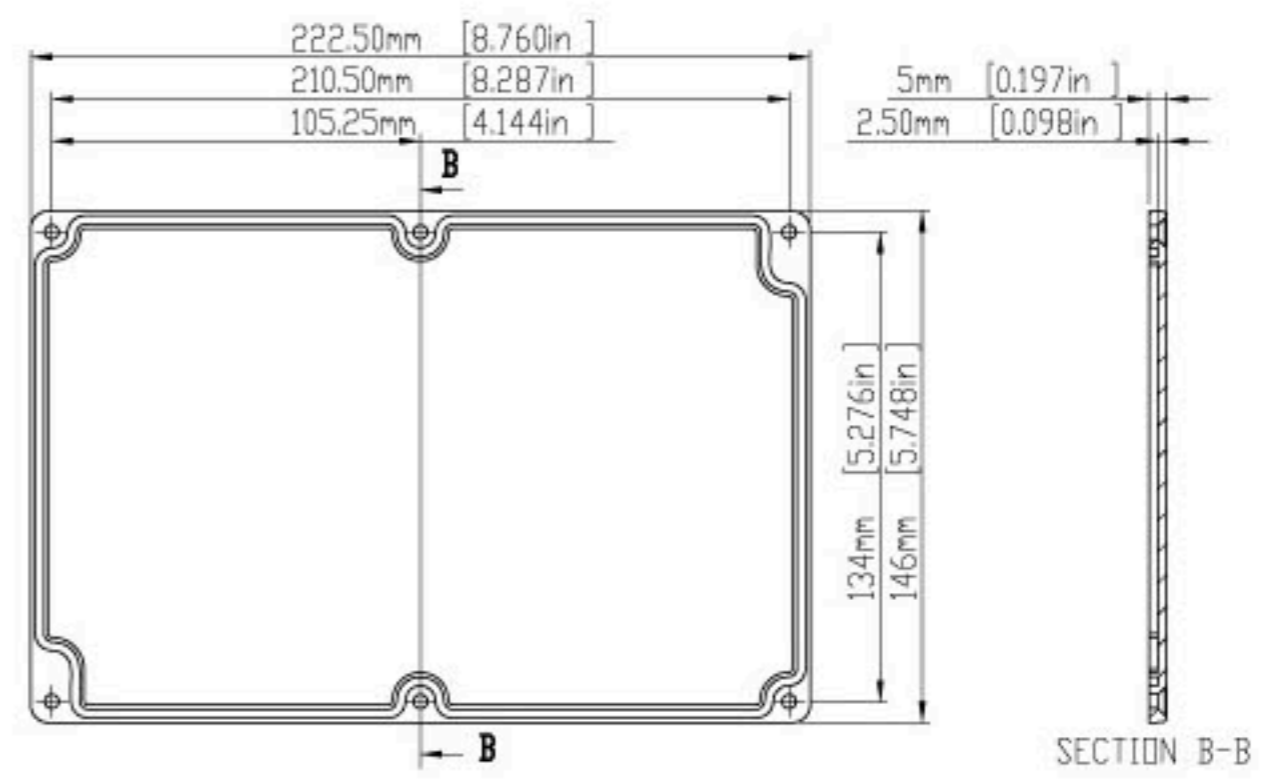
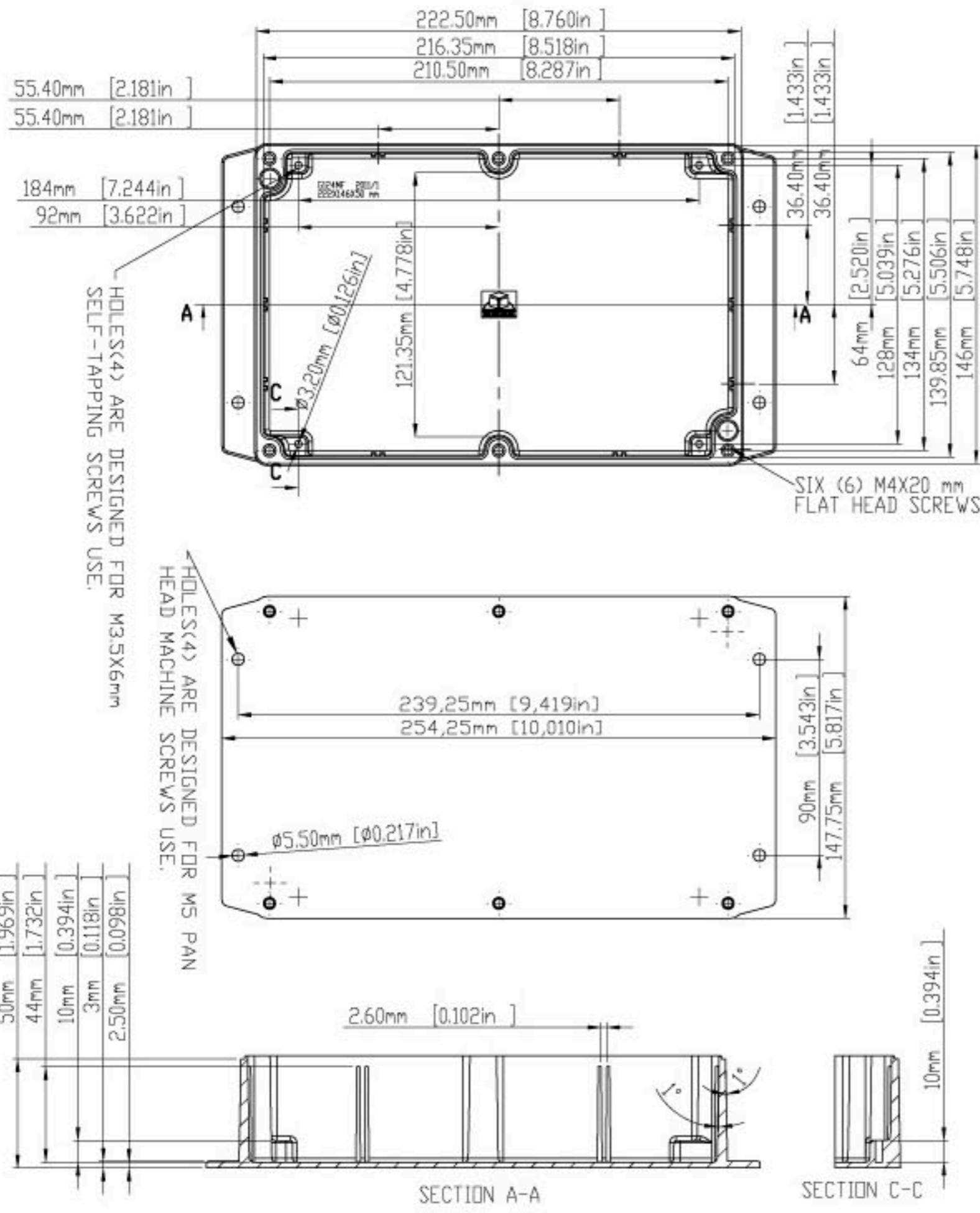
SECTION B-B



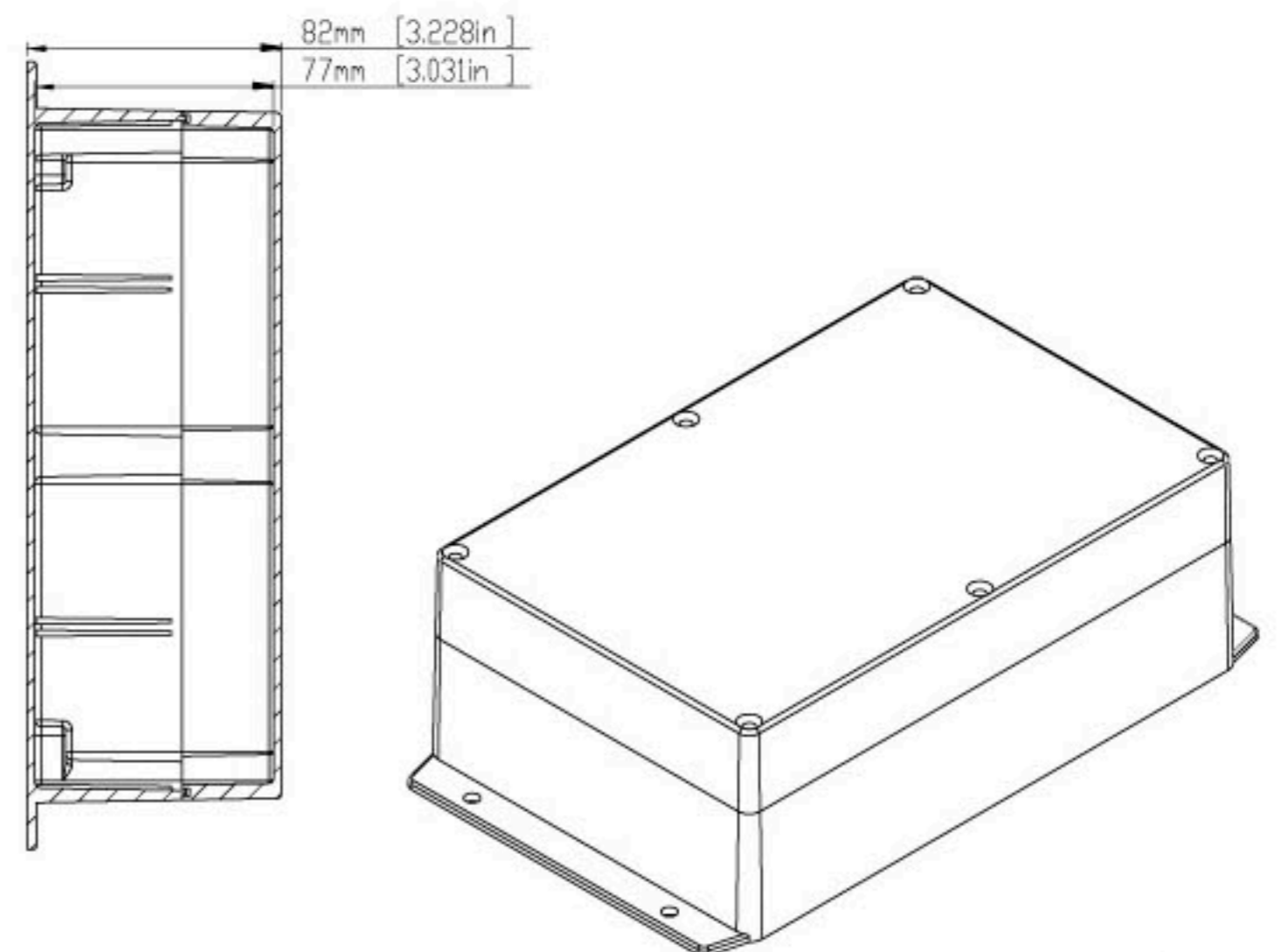
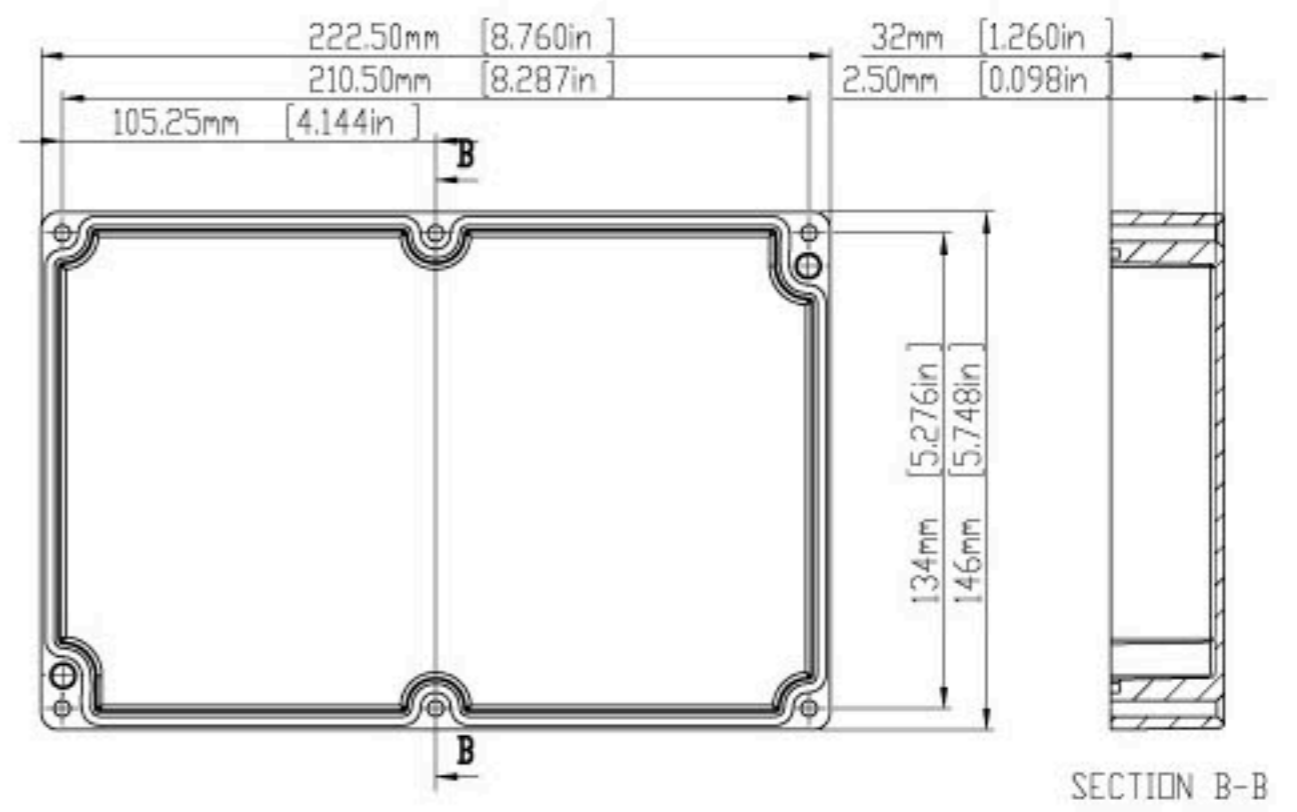
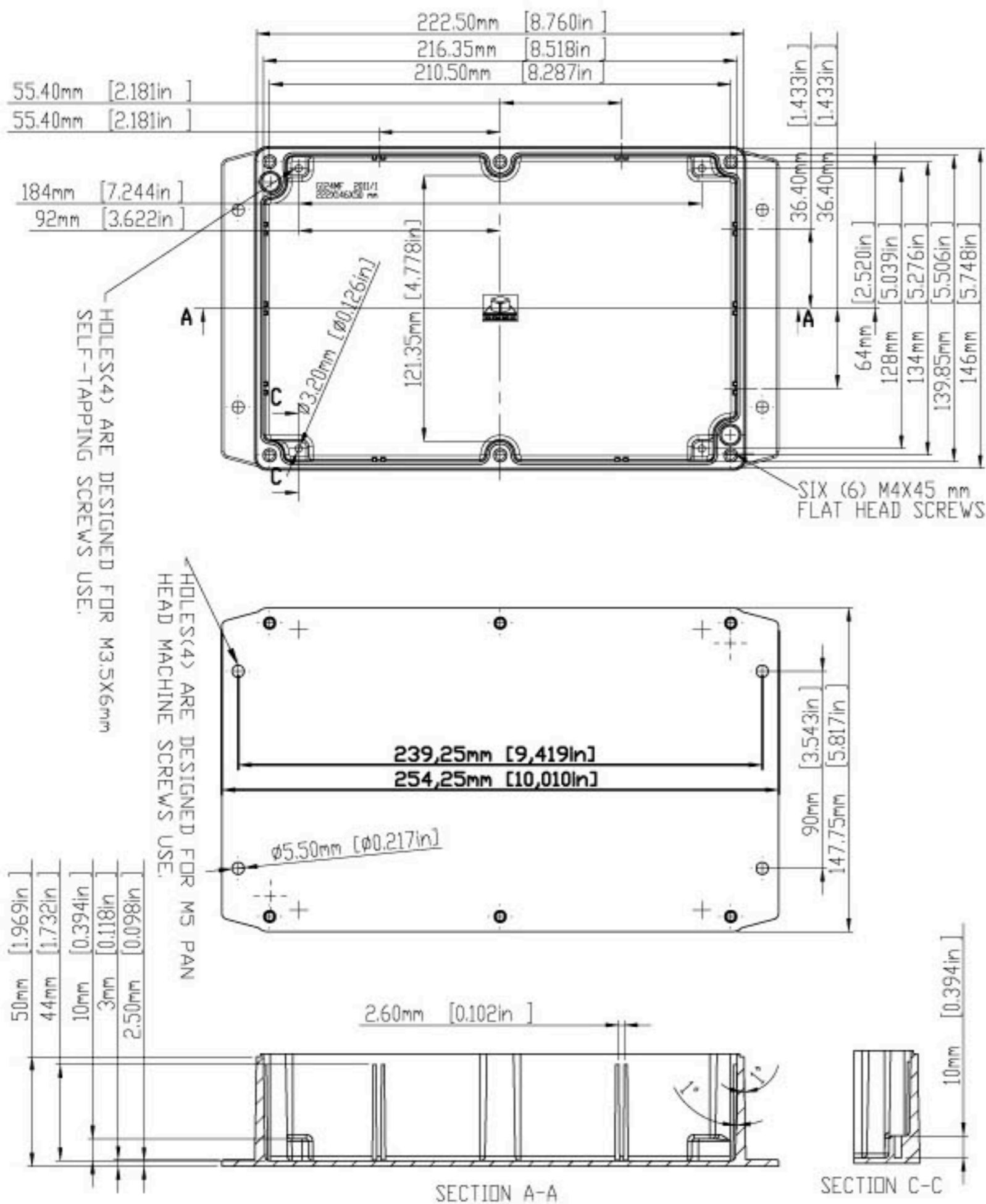
SECTION C-C



G124MF



G125MF



SEALED POLYCARBONATE AND ABS ENCLOSURES WITH MOUNTING FLANGE



PC (G2XXMF) (G2XXCMF)

- Material: Polycarbonate (UL94-HB)
- Moulded in: Light Gray.
- 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.
**Detailed screw size please refer the product drawing.



G2XXMF/G2XXCMF Content

ABS (G3XXMF)

- Material: High Impact ABS (UL94-HB)
- Moulded in: Dark Gray.
- Operating temperature: -20°C to 80°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.
**Detailed screw size please refer the product drawing.

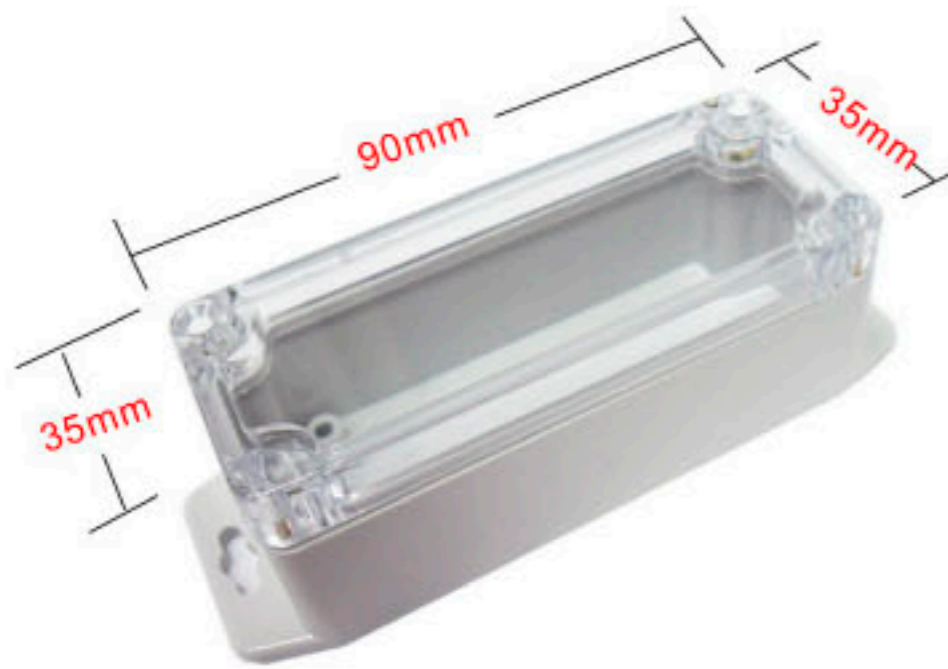


G3XXMF Content

- 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 and NAMA 4 (Dust and Hoseproof).
- Available with clear or light gray lids.
- Internal guide slots for mounting PCB assemblies vertically.
- Bosses on internal base allow fixing of PCB's horizontally or connection of terminals with M3X4mm self-tapping screws.

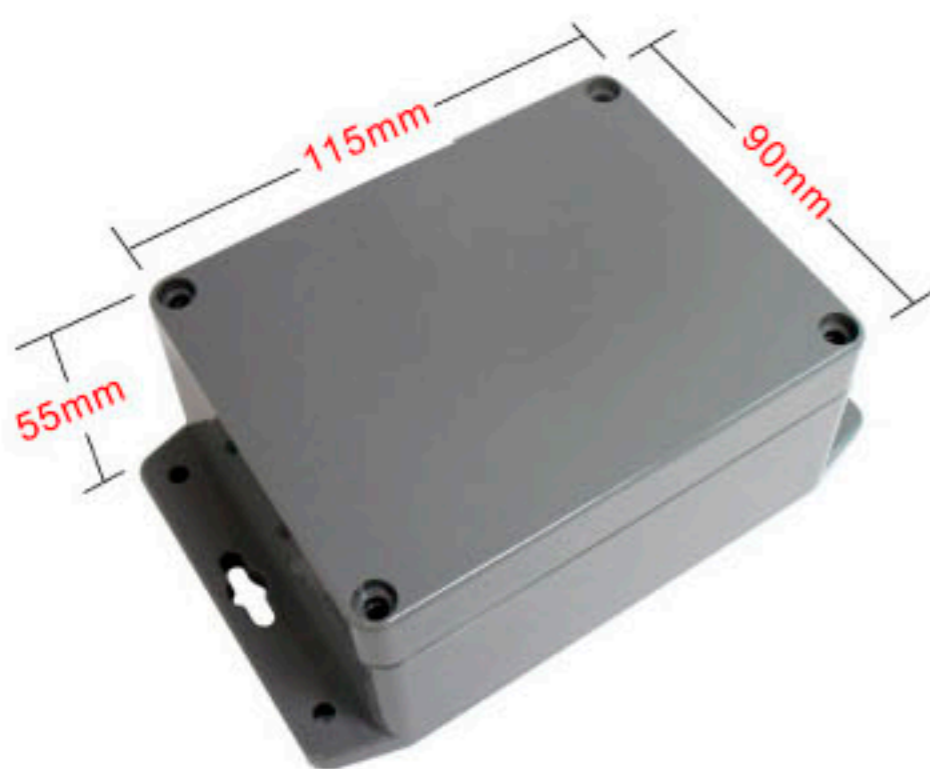
G2XXMF/G2XXCMF Series

External Dimension



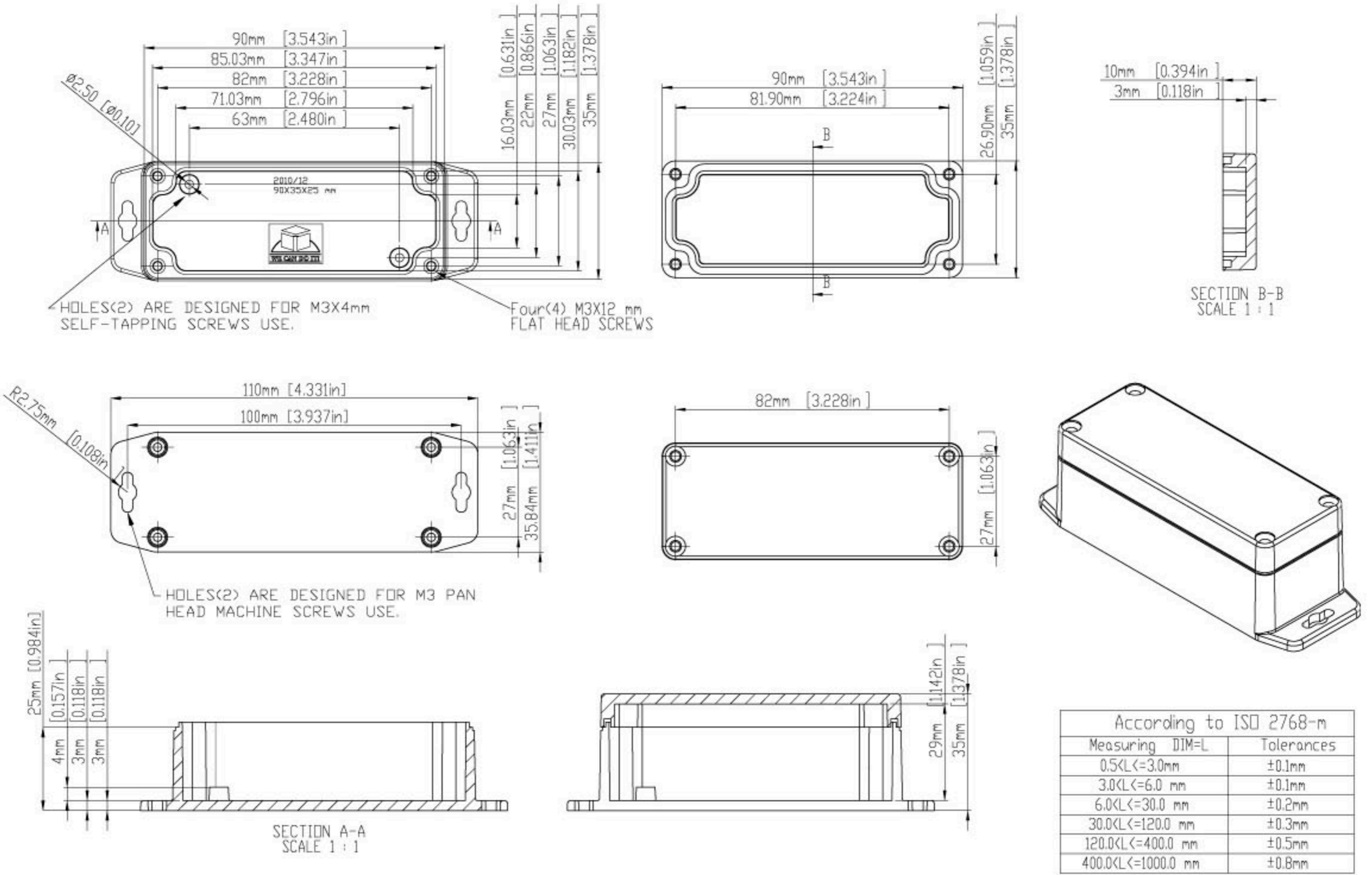
G3XXMF Series

External Dimension



Material			External Dimension (mm)
POLYCARBONATE		ABS	
LIGHT GRAY	CLEAR LID	DARK GRAY	
Stock No.	Stock No.	Stock No.	
G201MF	G201CMF	G302MF	64X58X35
G203MF	G203CMF	G304MF	115X65X40
G205MF	G205CMF	G308MF	115X65X55
G212MF	G212CMF	G311MF	115X90X55
G221MF	G221CMF	G331MF	115X90X80
G214MF	G214CMF	G313MF	171X121X55
G223MF	G223CMF	G340MF	171X121X80
G218MF	G218CMF	G317MF	222X146X55
G232MF	G232CMF	G353MF	222X146X75
G200MF	G200CMF	G300MF	90X35X35

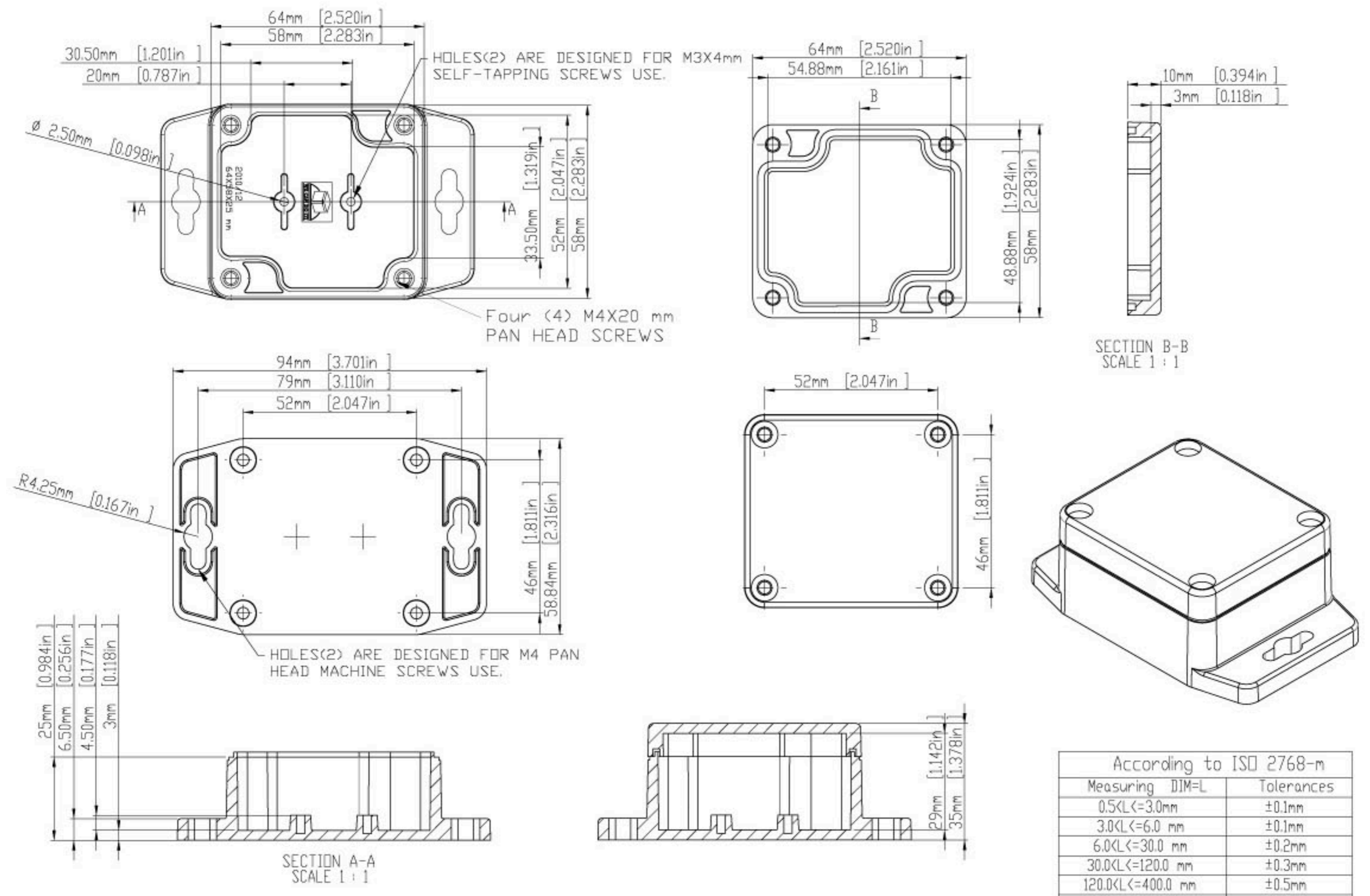
G200MF / G300MF



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

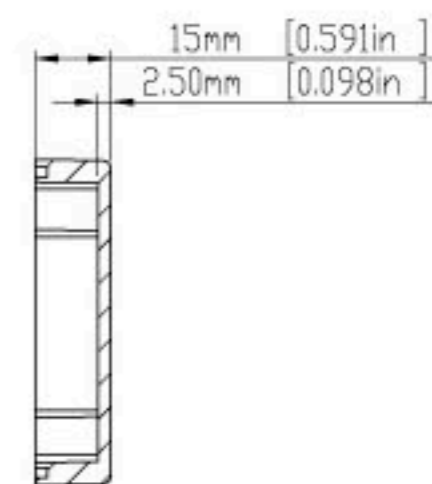
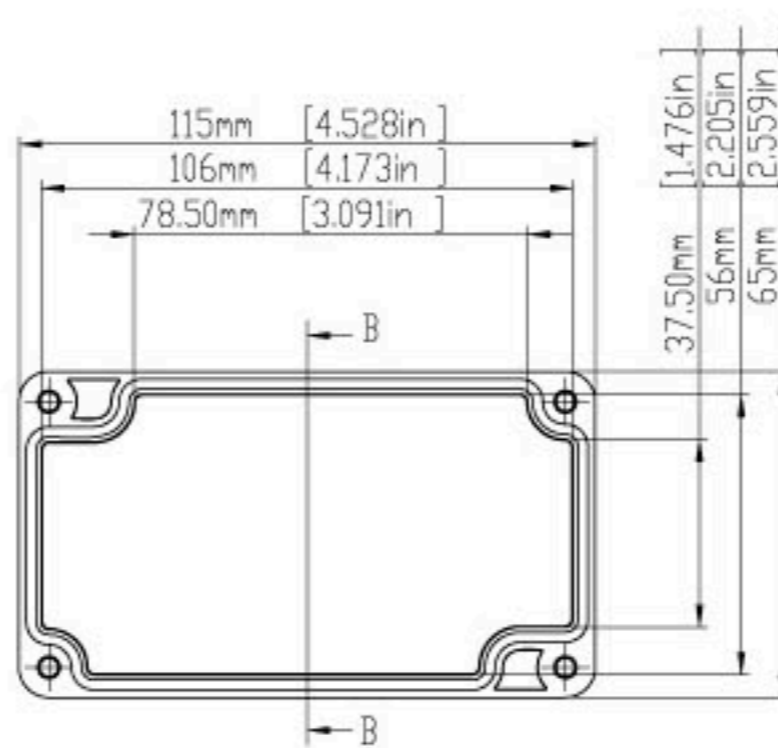
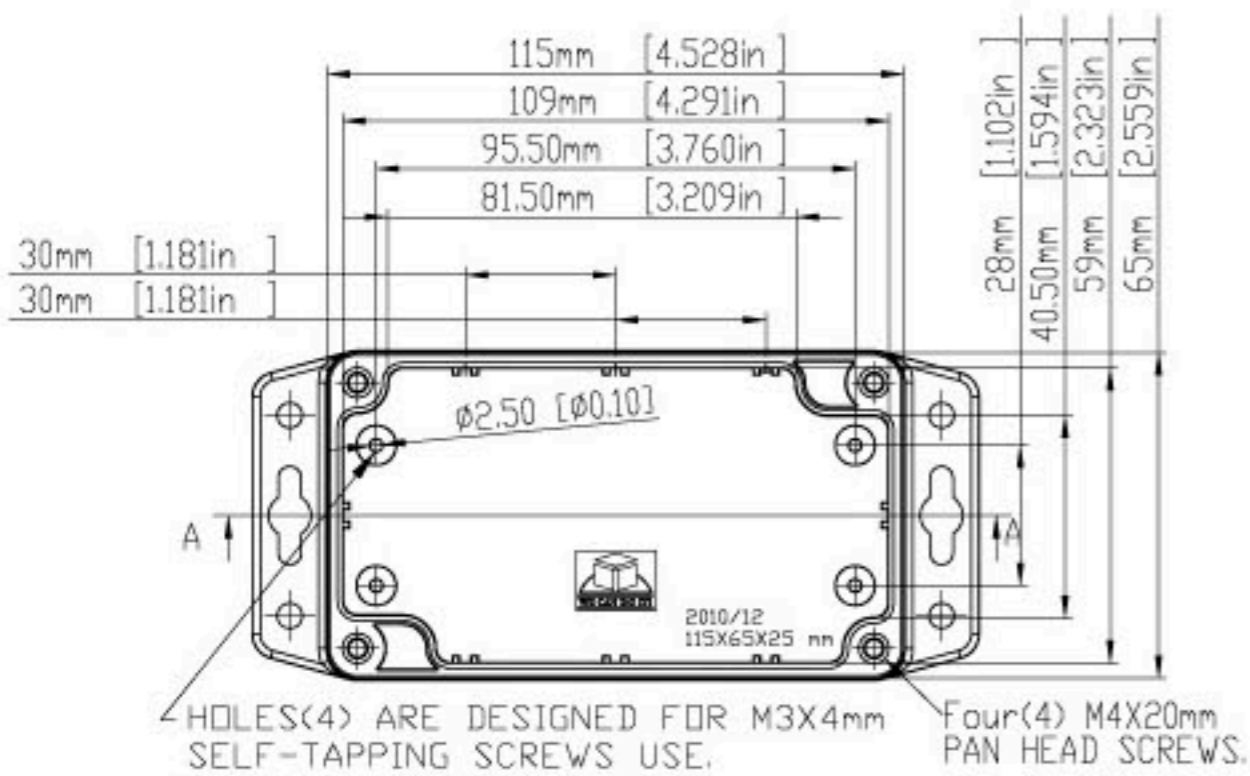
G201MF / G302MF



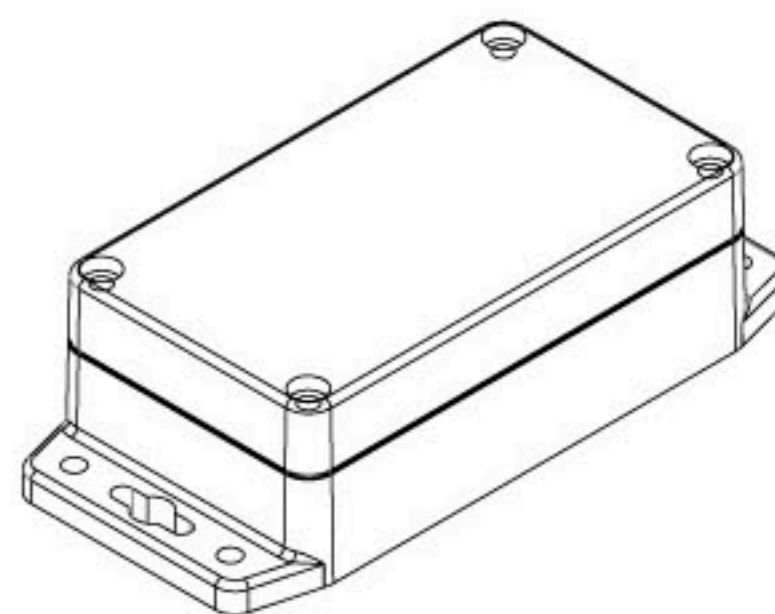
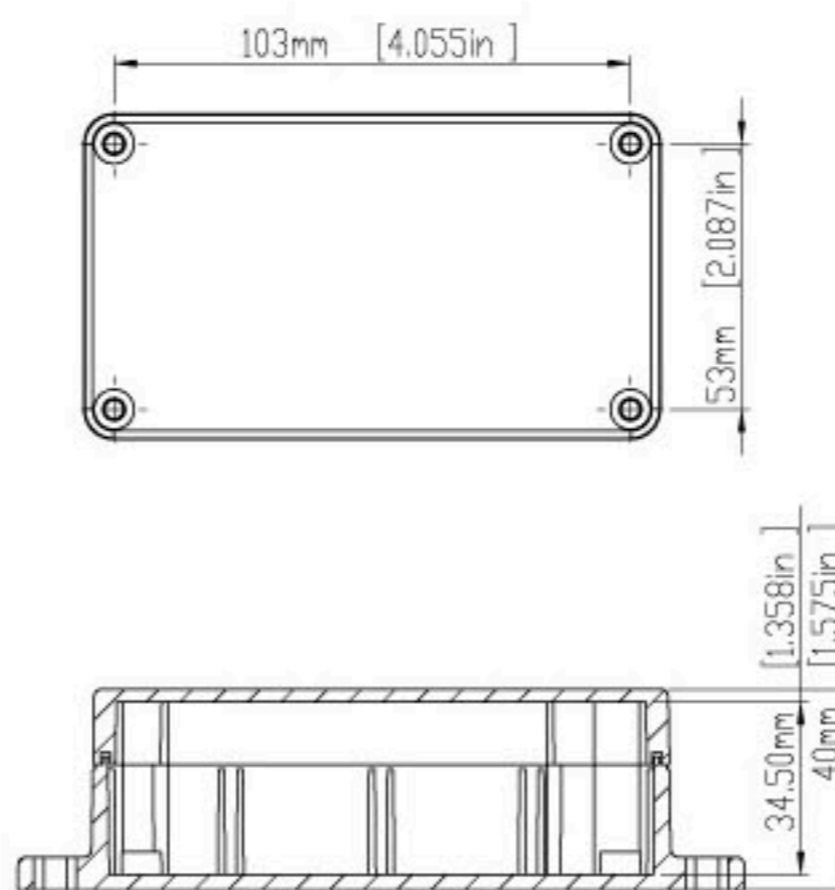
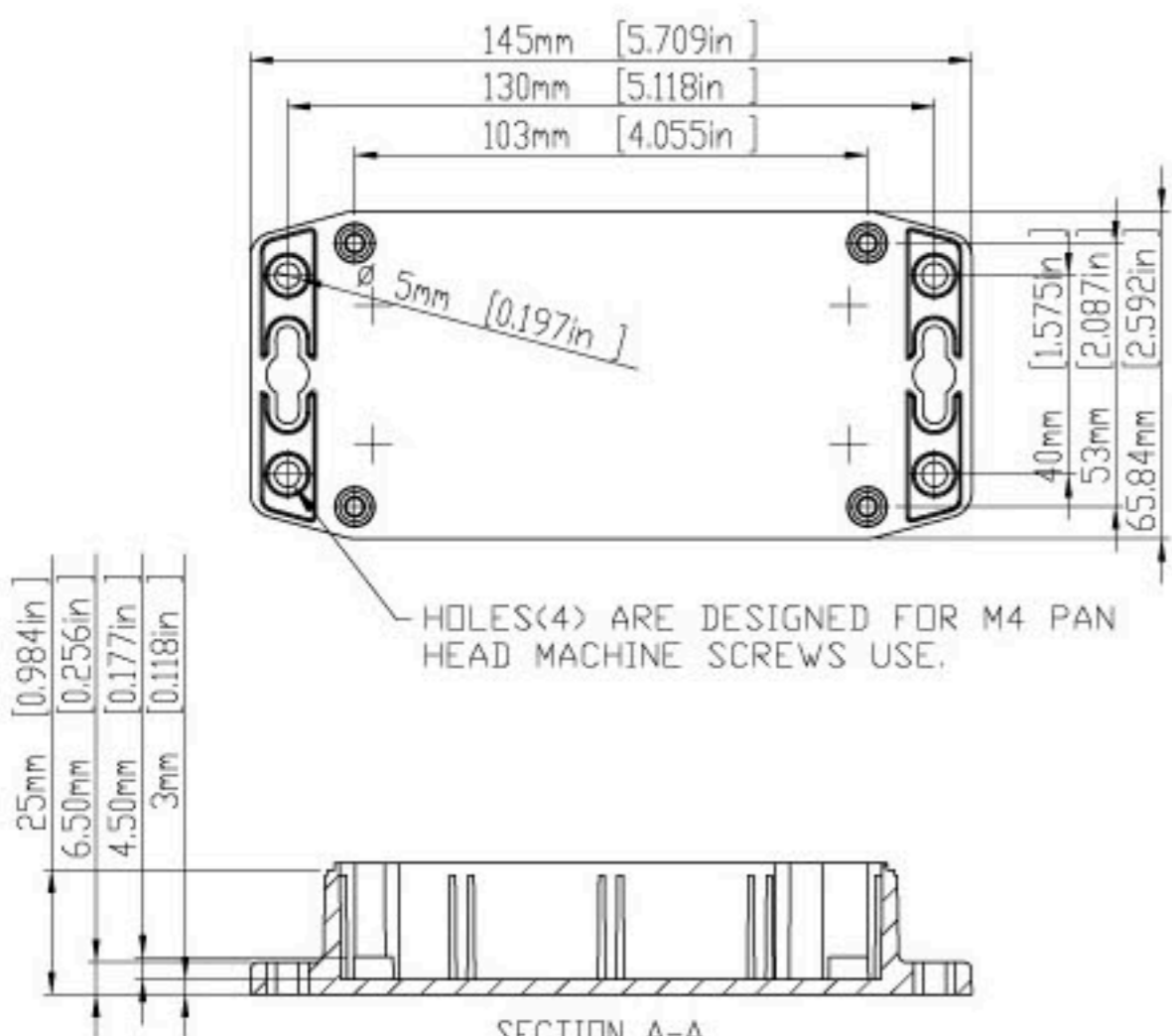
According to ISO 2768-m

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

G203MF / G304MF



SECTION B-B
SCALE 2 : 3

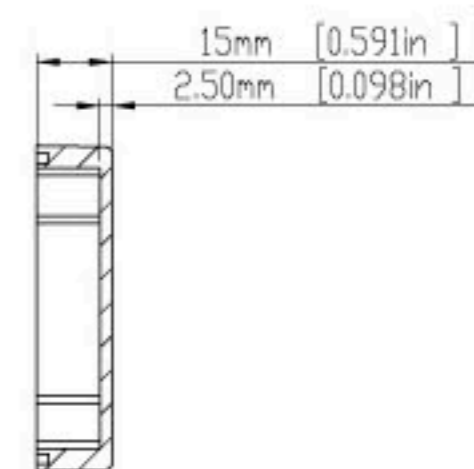
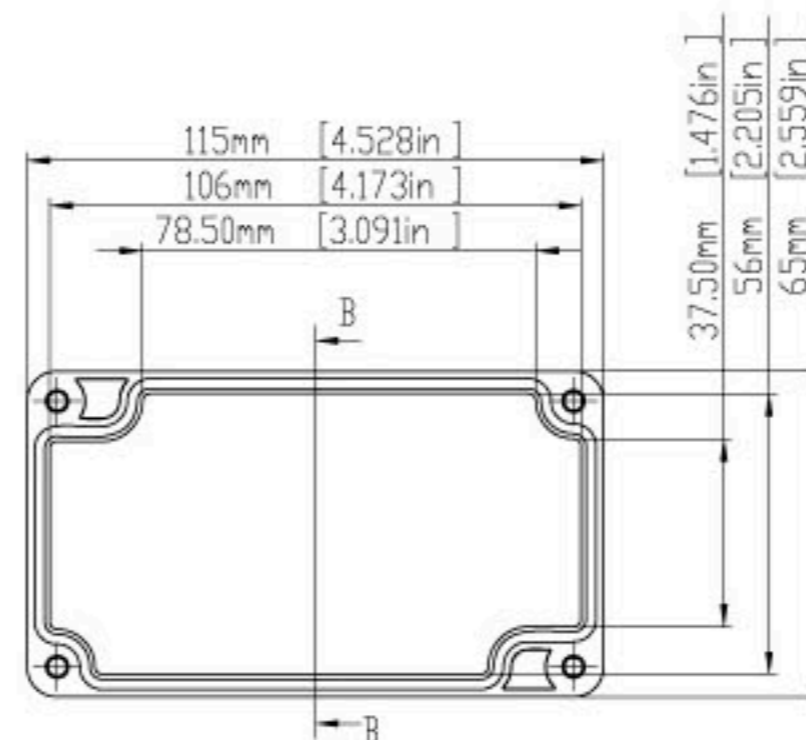
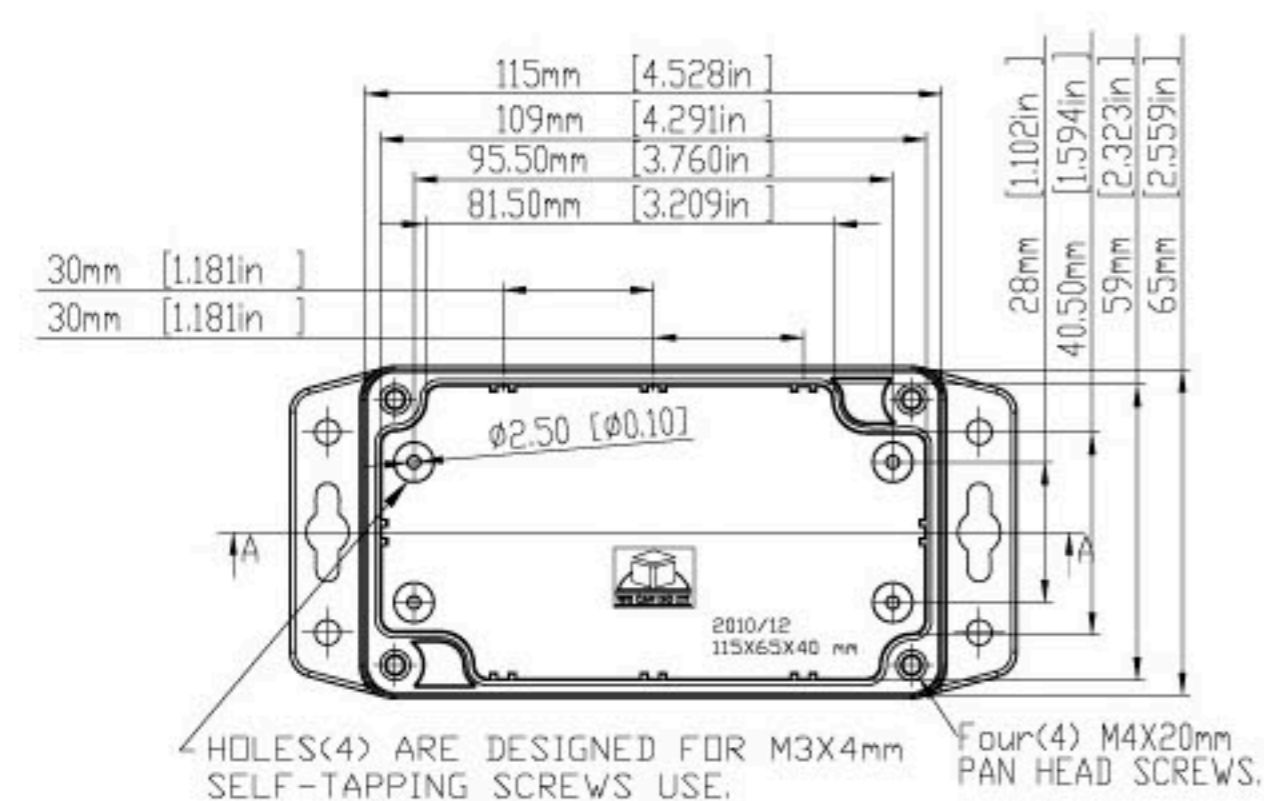


According to ISO 2768-m

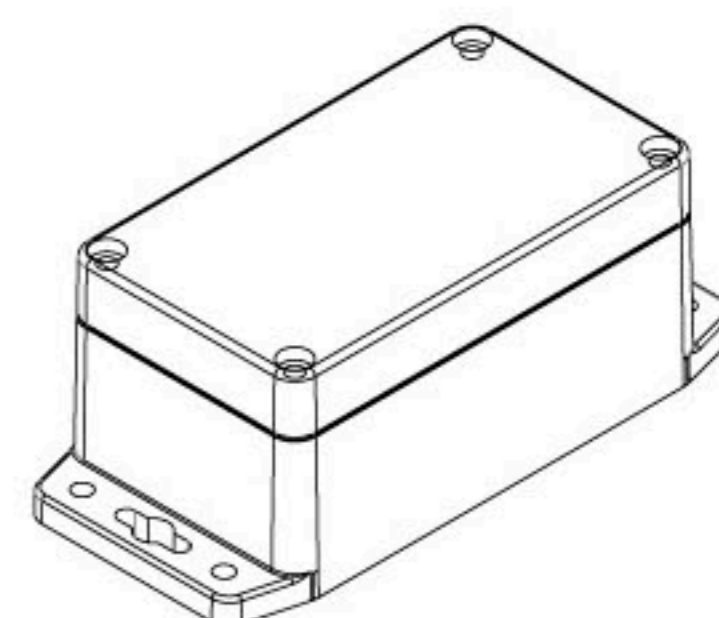
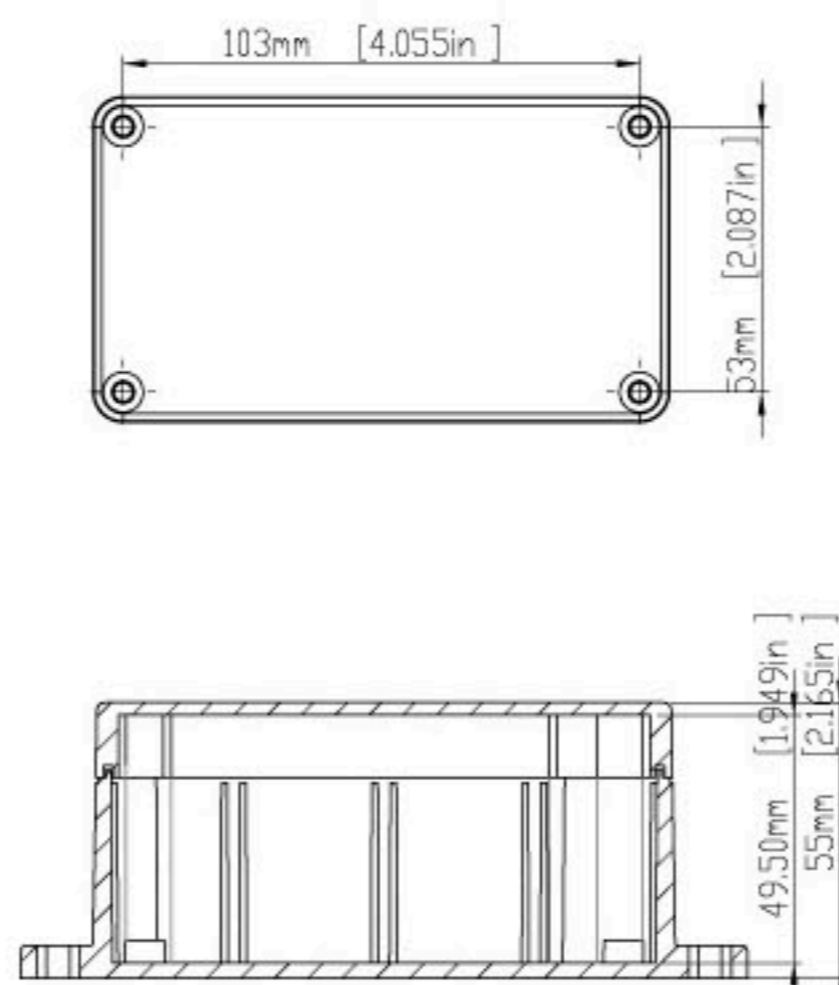
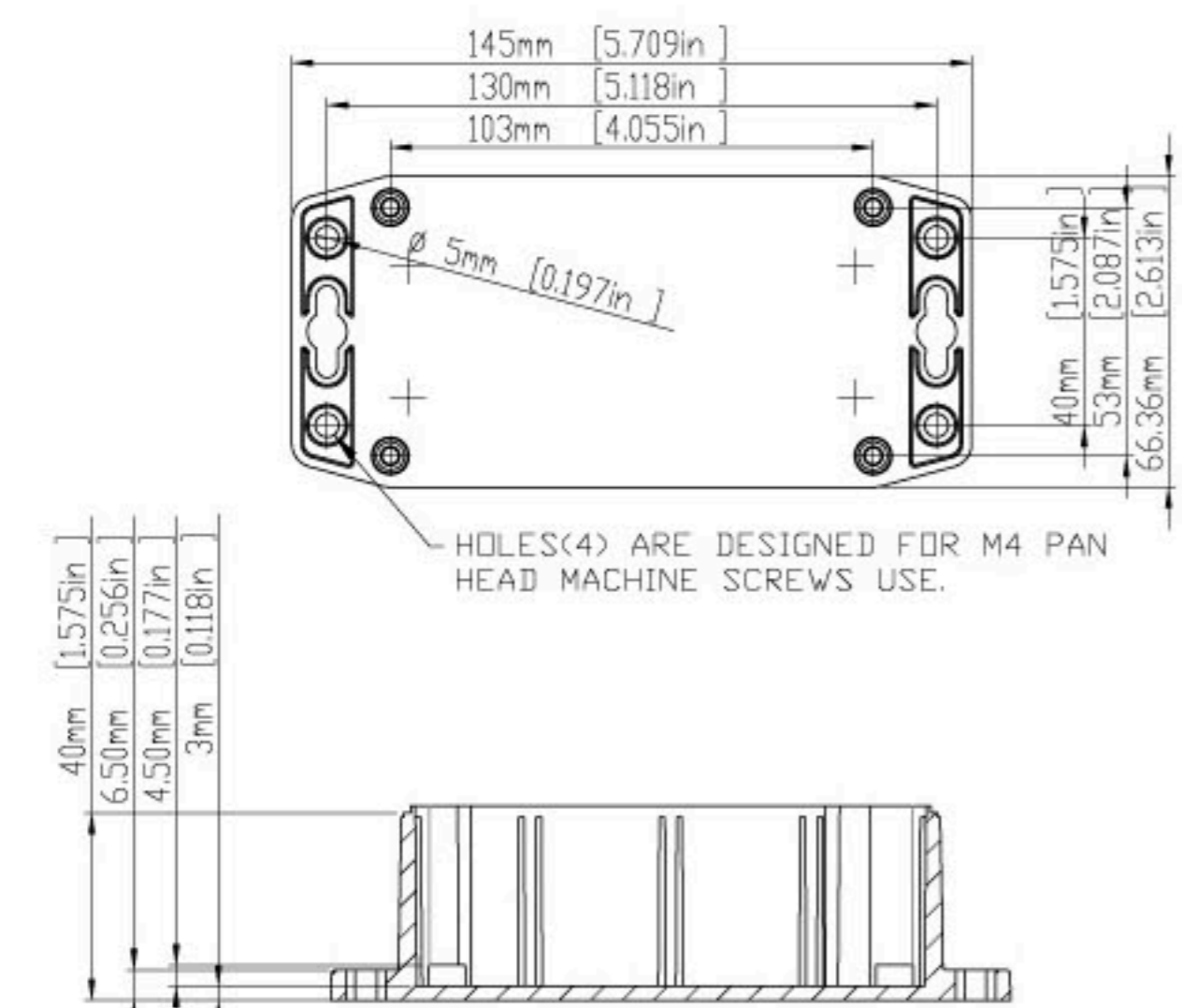
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

SECTION A-A
SCALE 2 : 3

G205MF / G308MF



SECTION B-B
SCALE 2 : 3

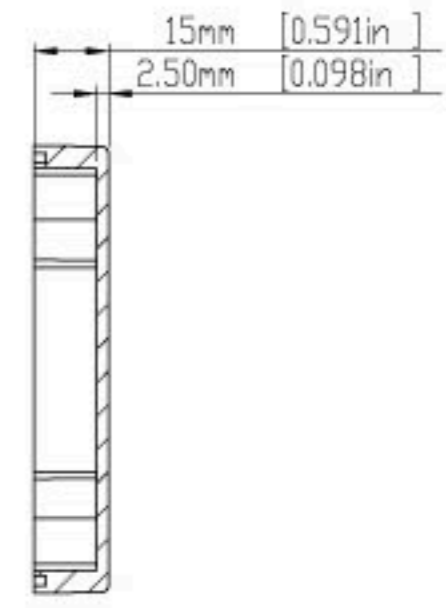
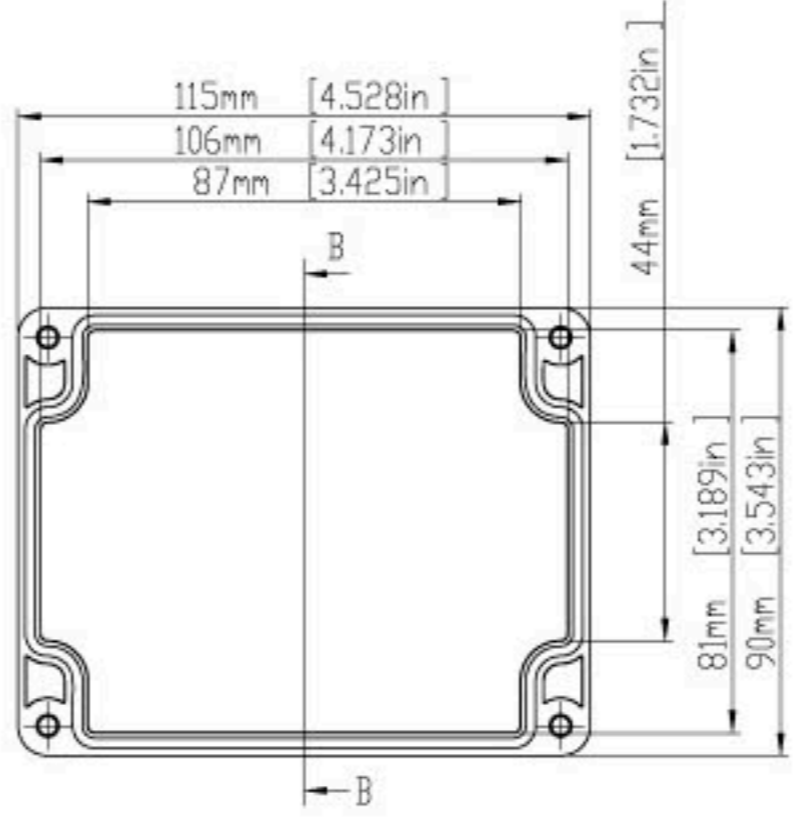
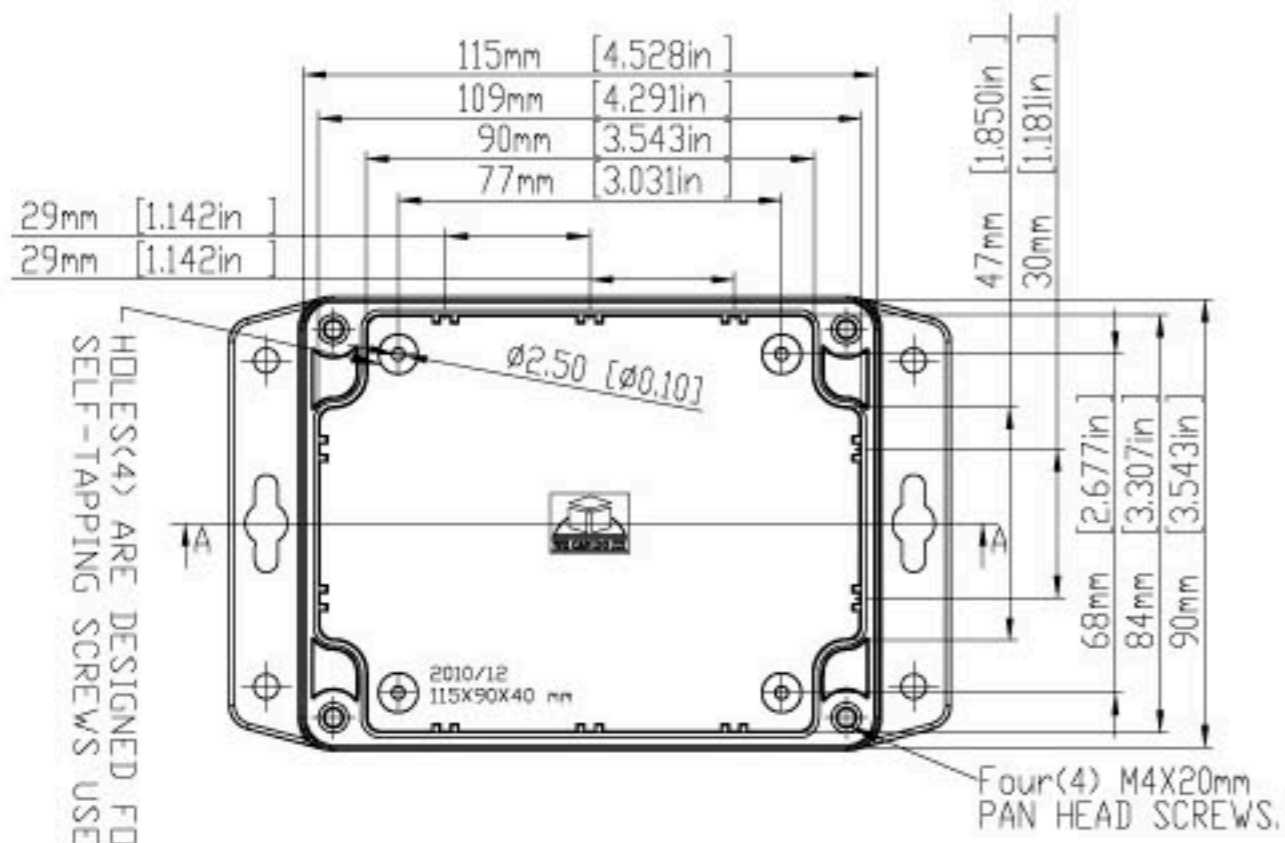


According to ISO 2768-m

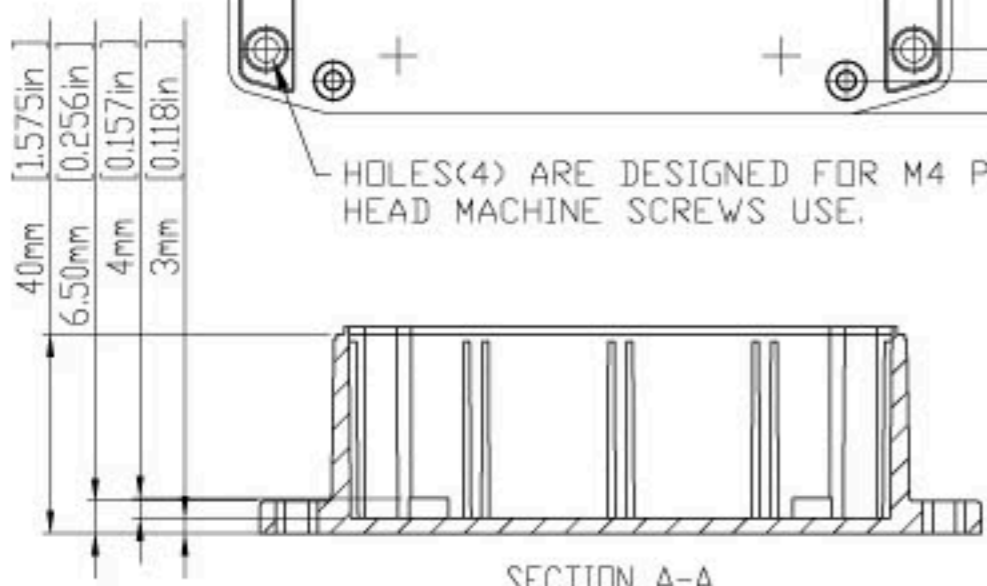
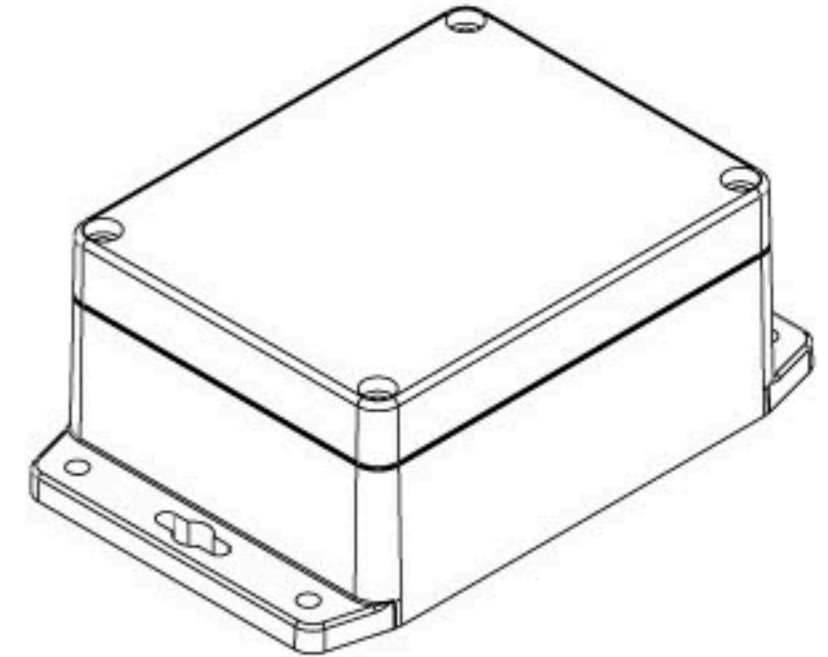
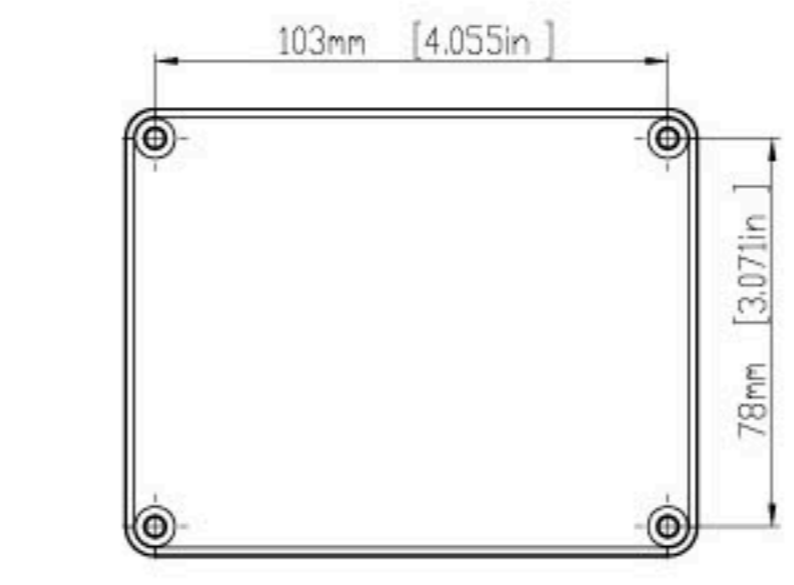
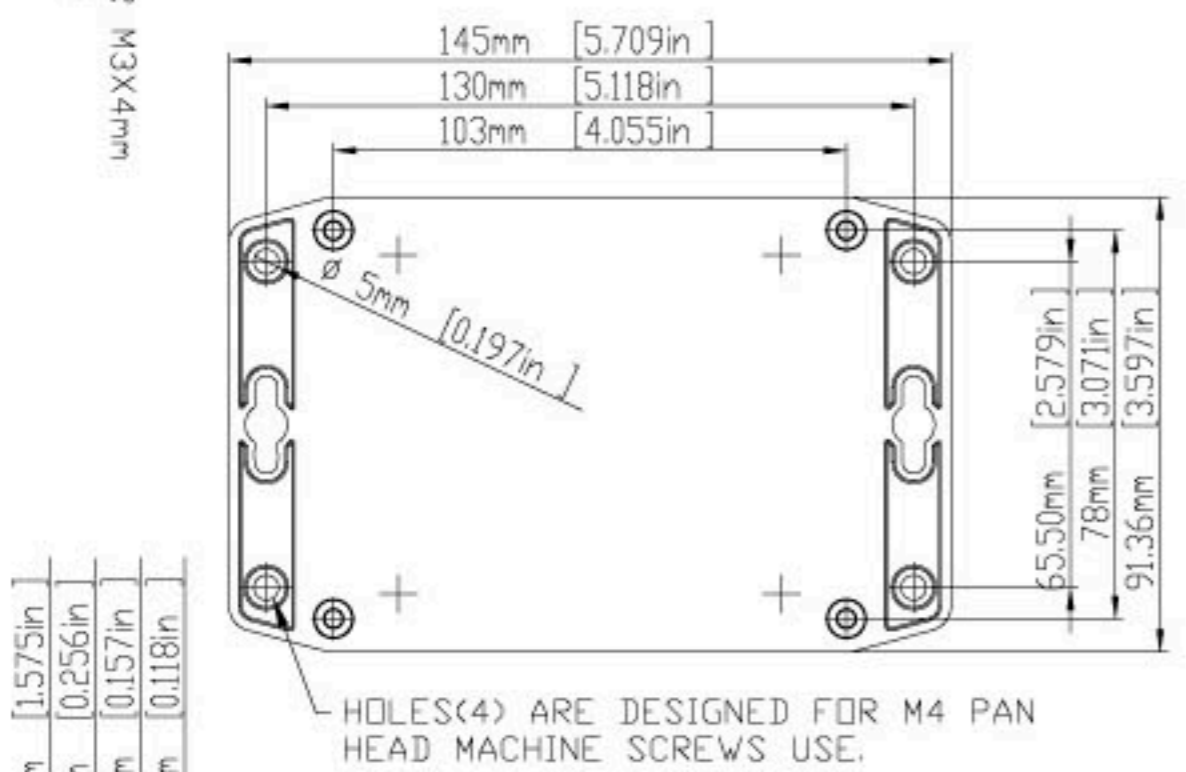
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

SECTION A-A
SCALE 2 : 3

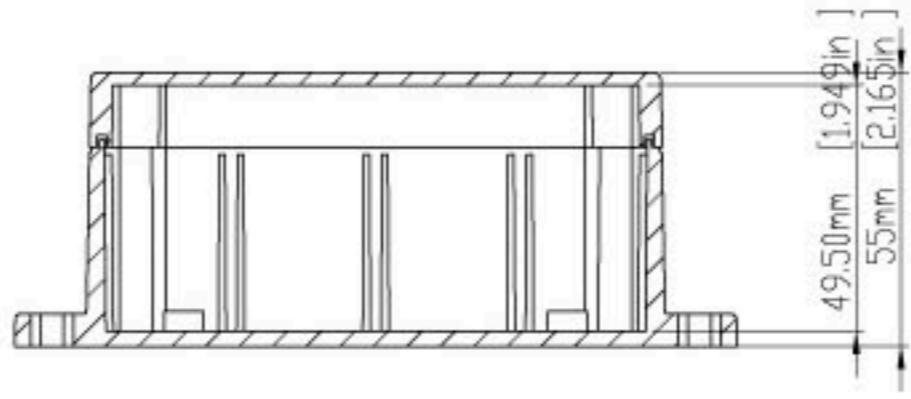
G212MF / G311MF



SECTION B-B
SCALE 2 : 3



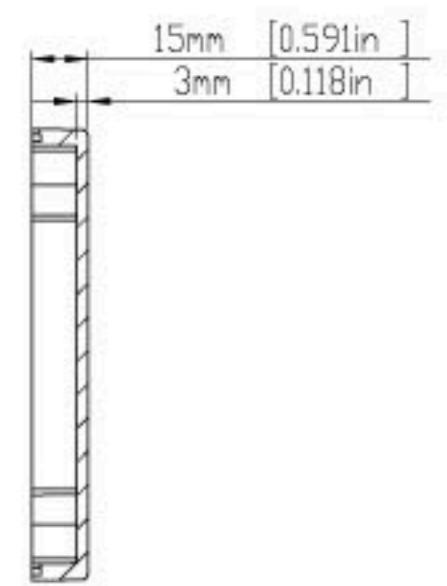
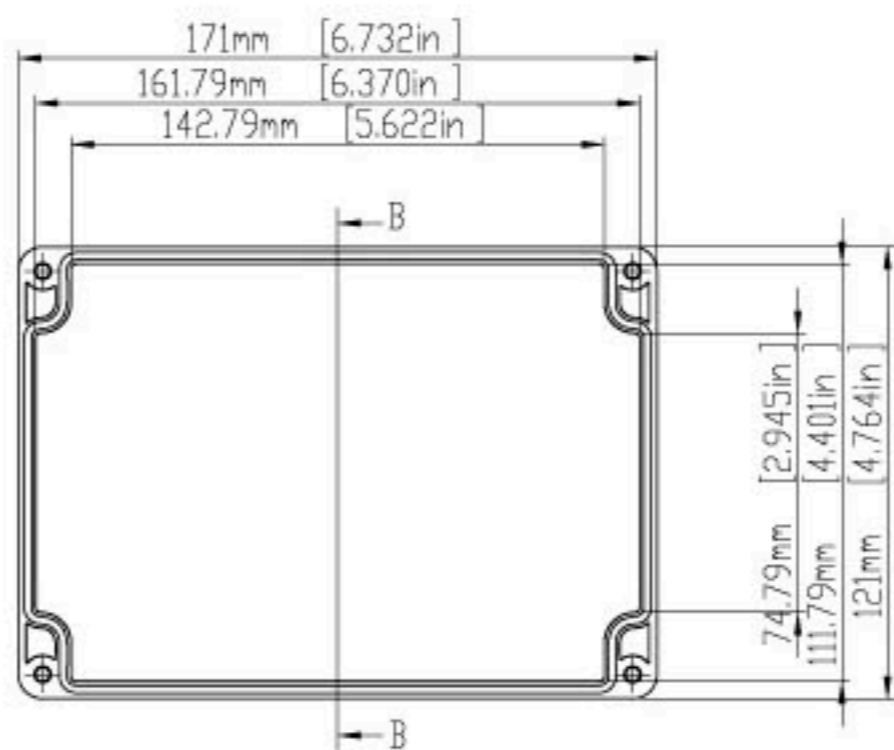
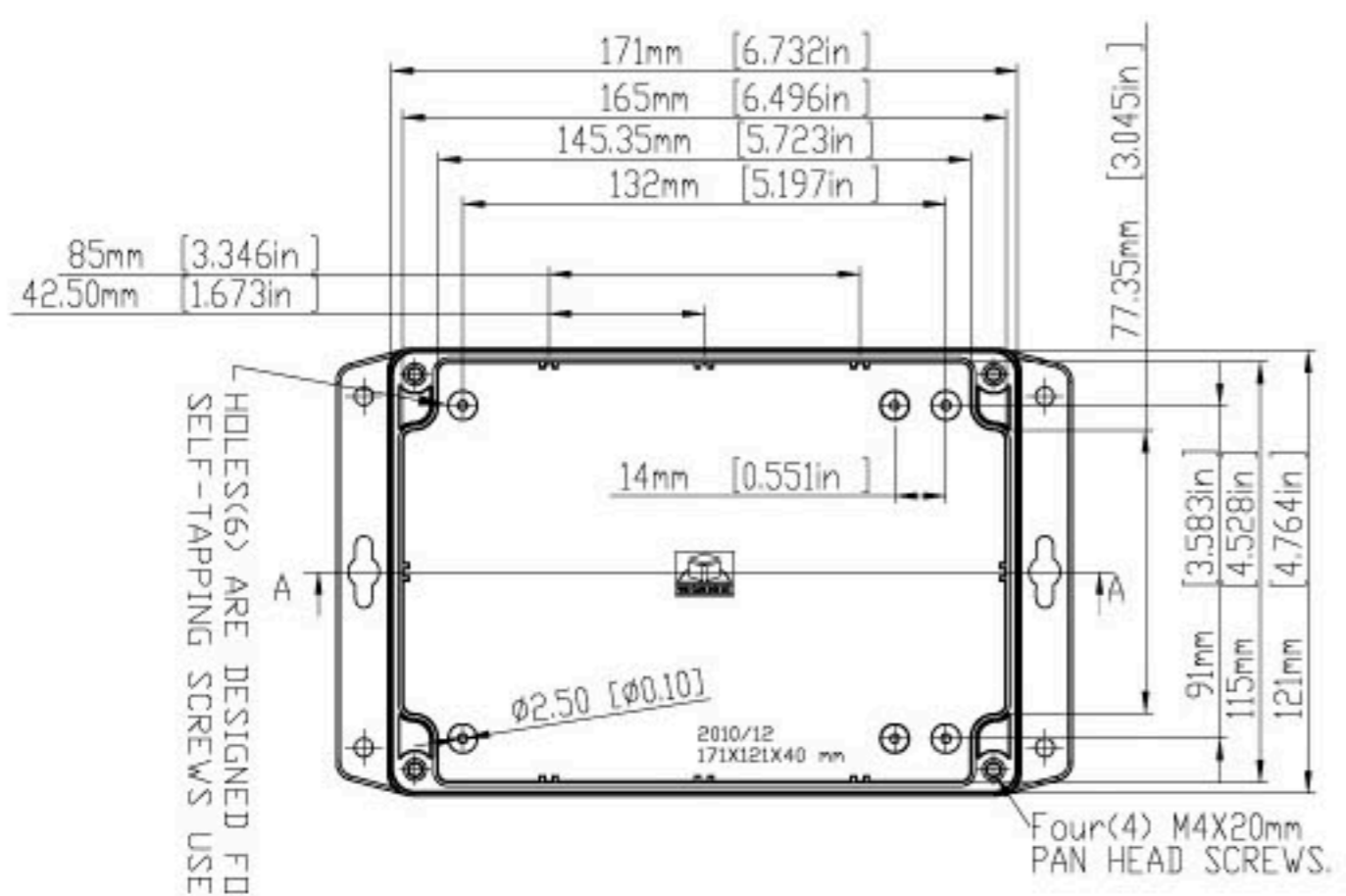
SECTION A-A
SCALE 2 : 3



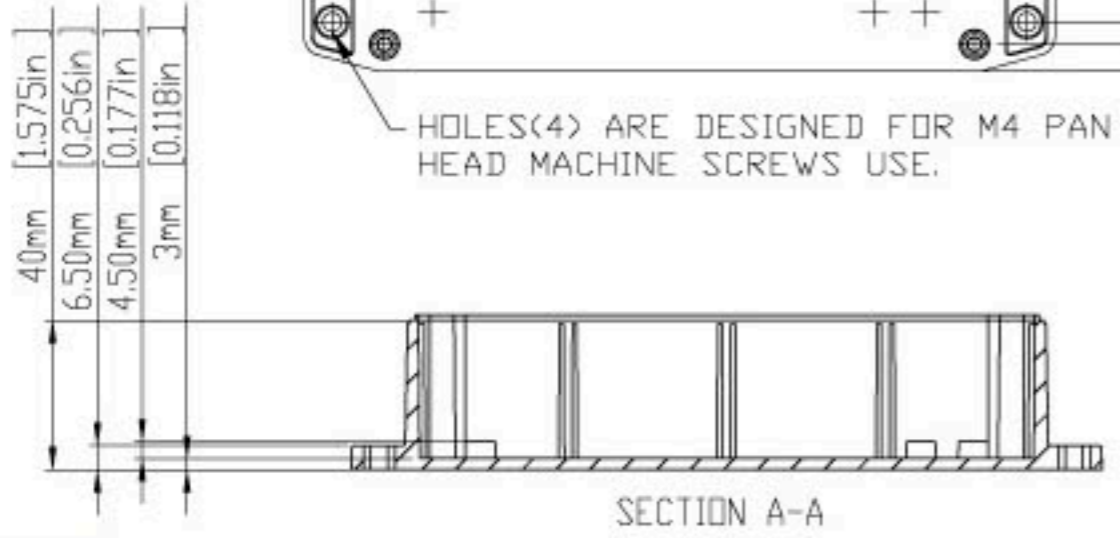
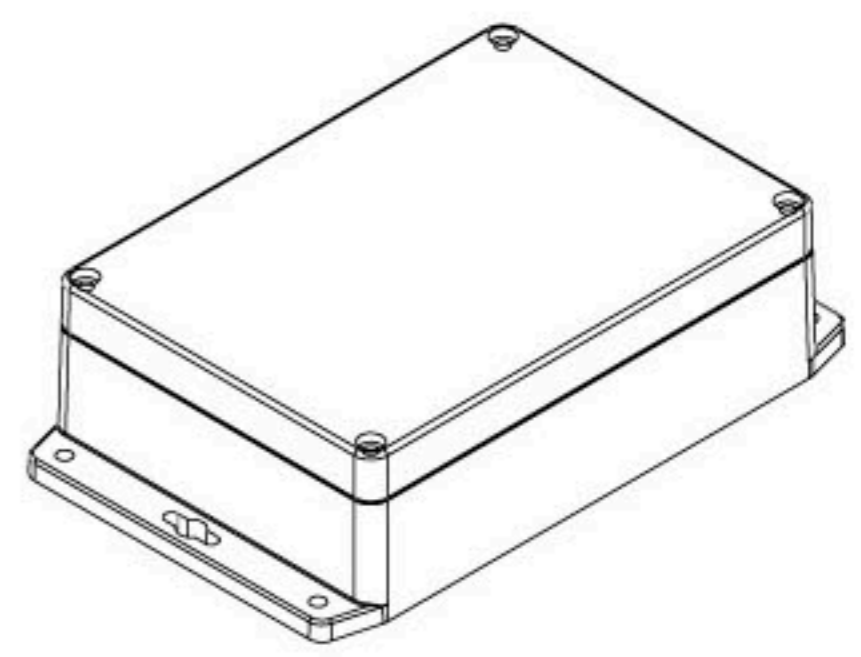
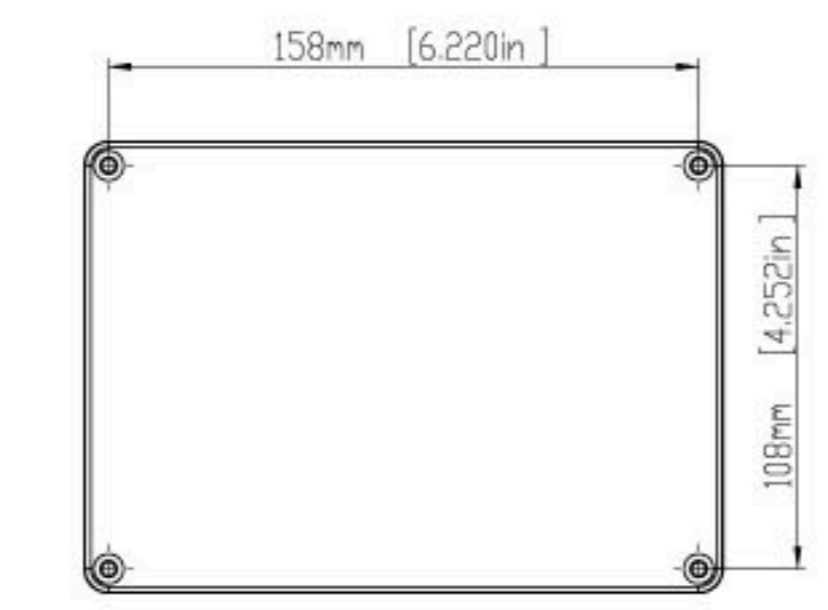
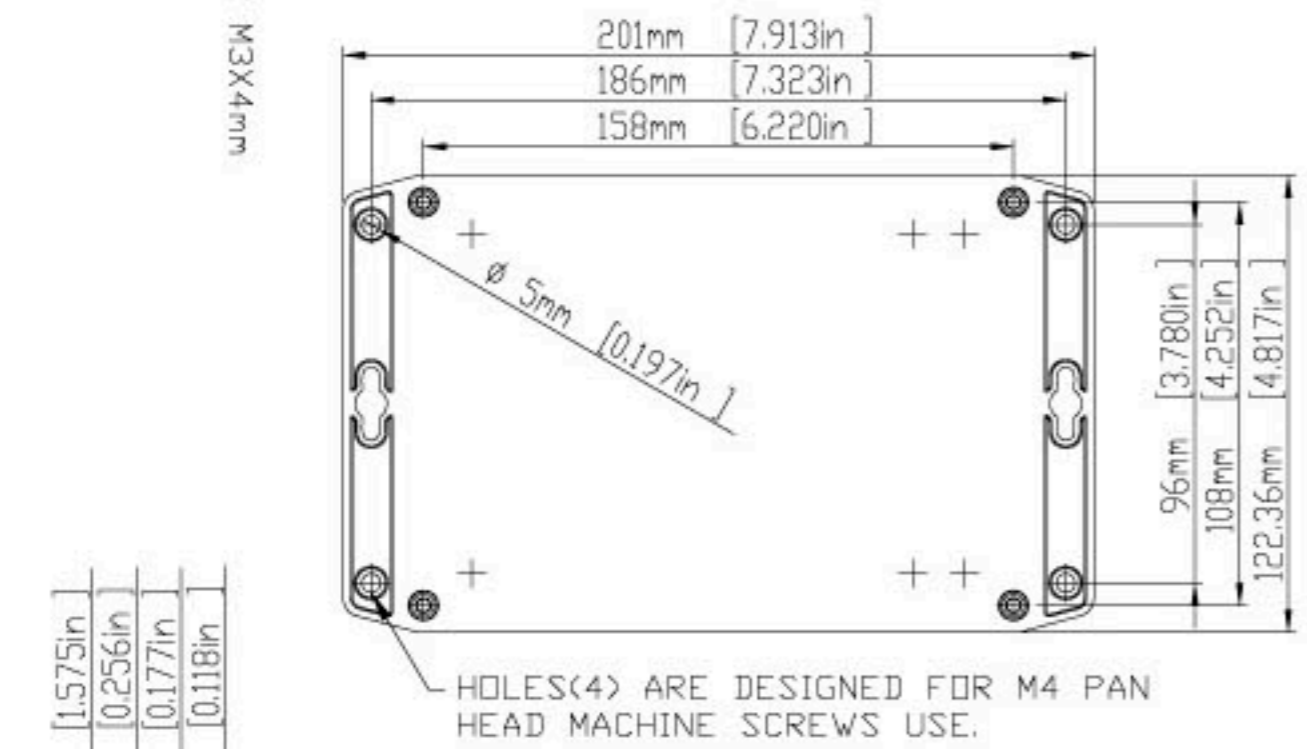
According to ISO 2768-m

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

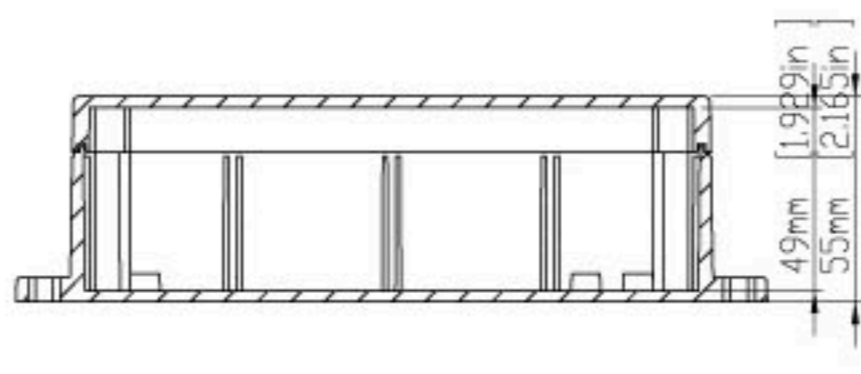
G214MF / G313MF



SECTION B-B



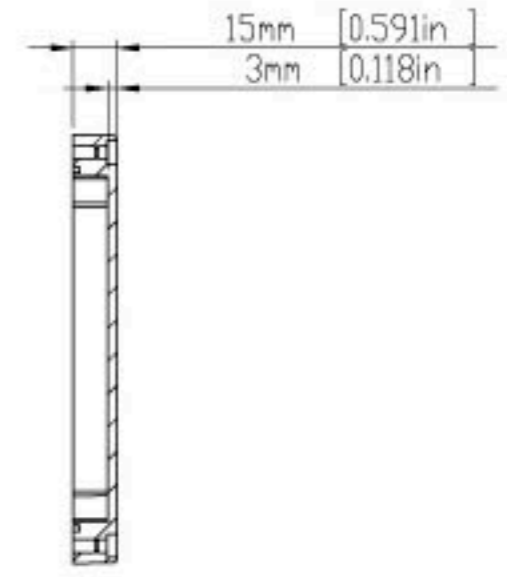
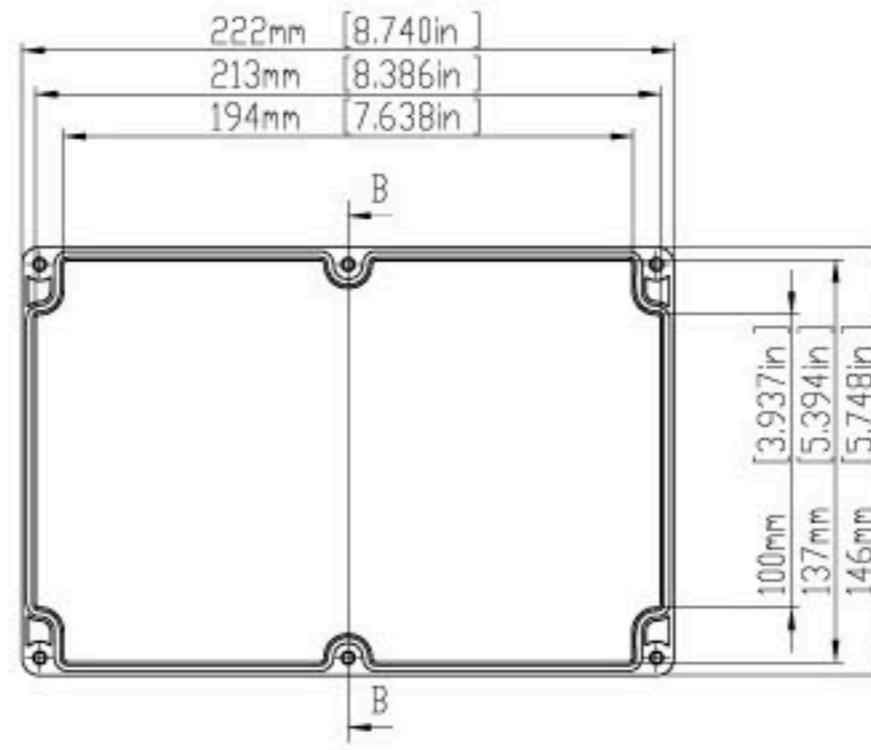
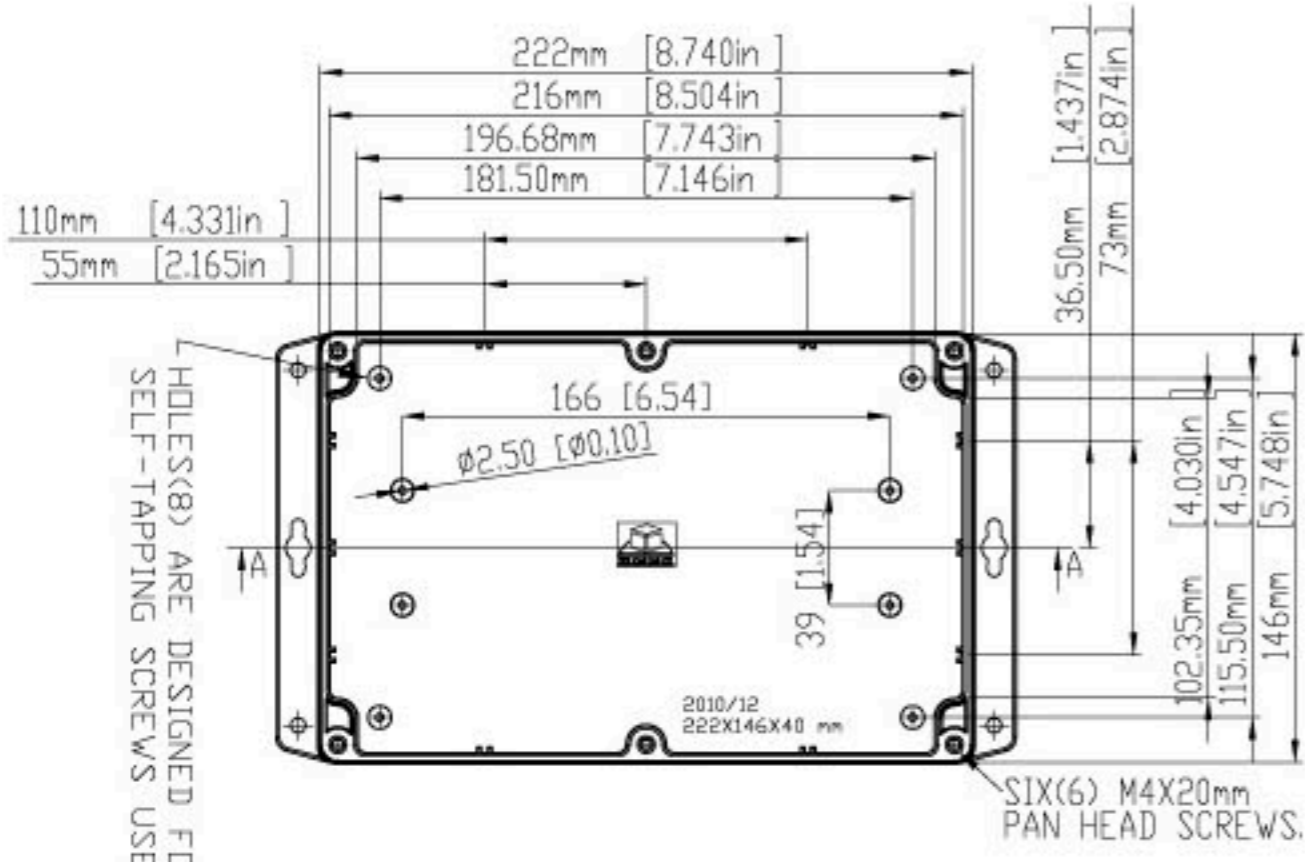
SECTION A-A



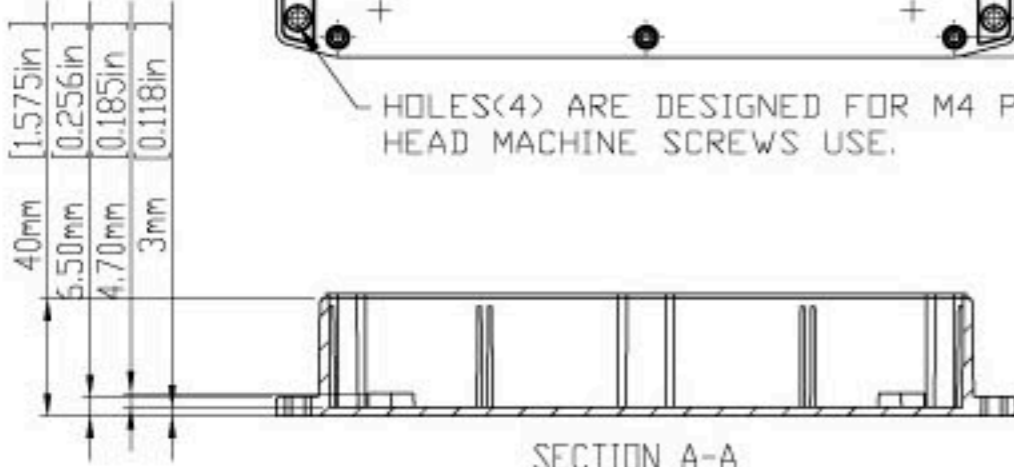
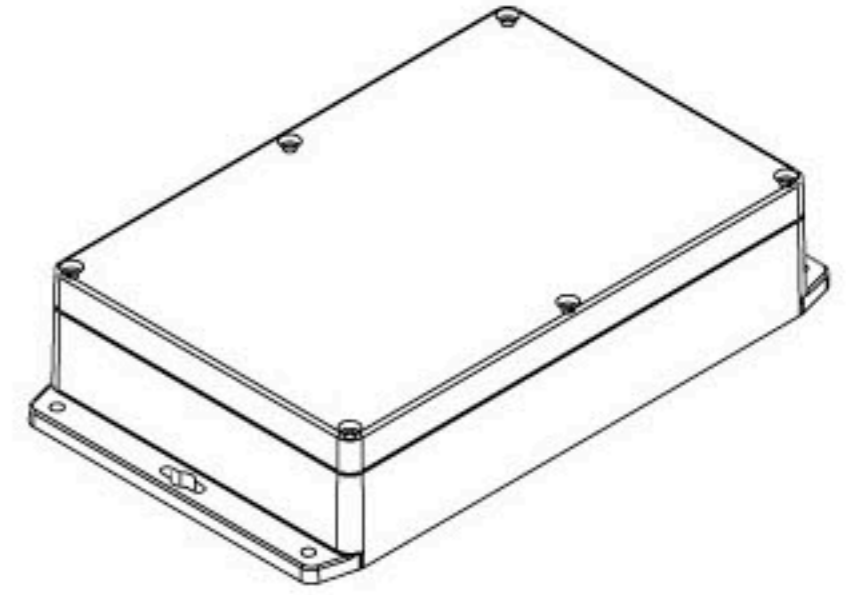
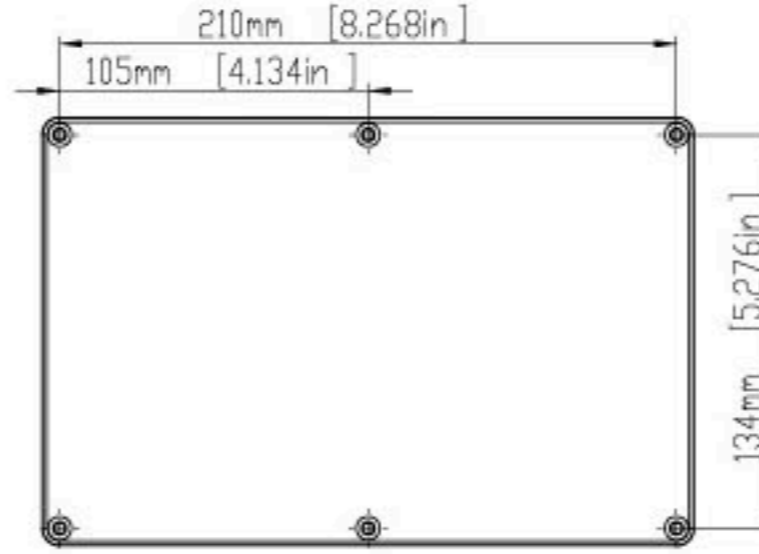
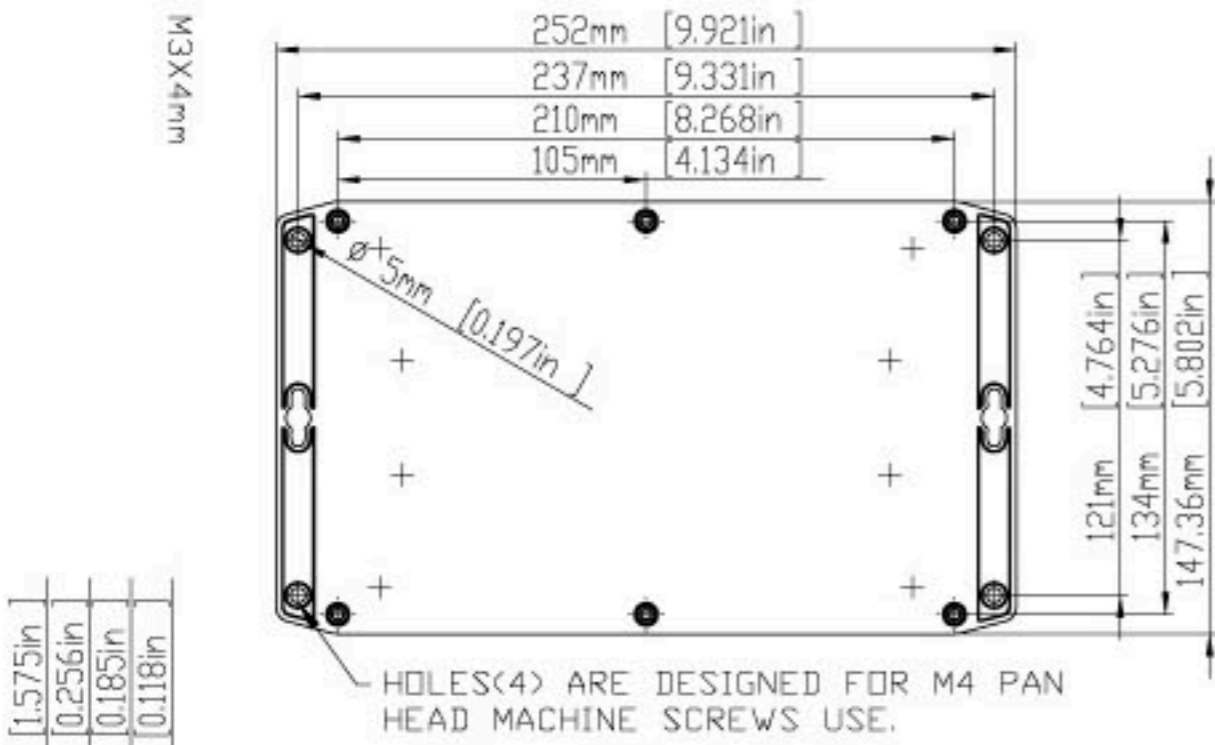
According to ISO 2768-m

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

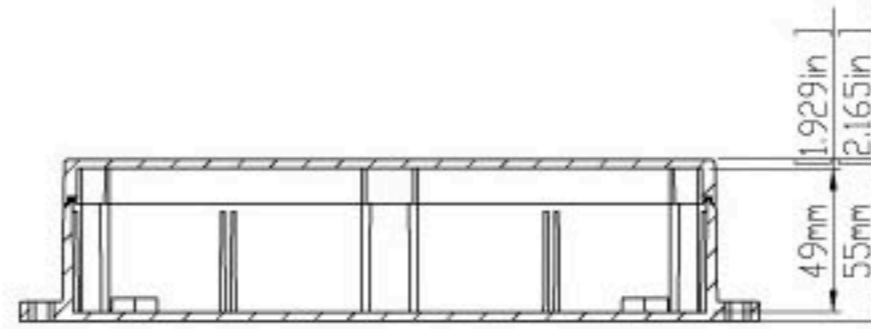
G218MF / G317MF



SECTION B-B
SCALE 2 : 5

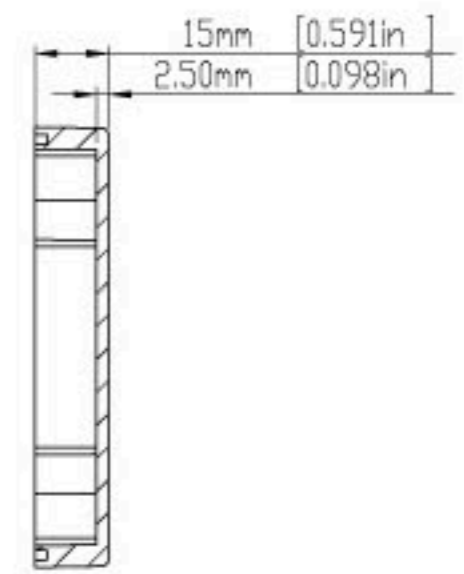
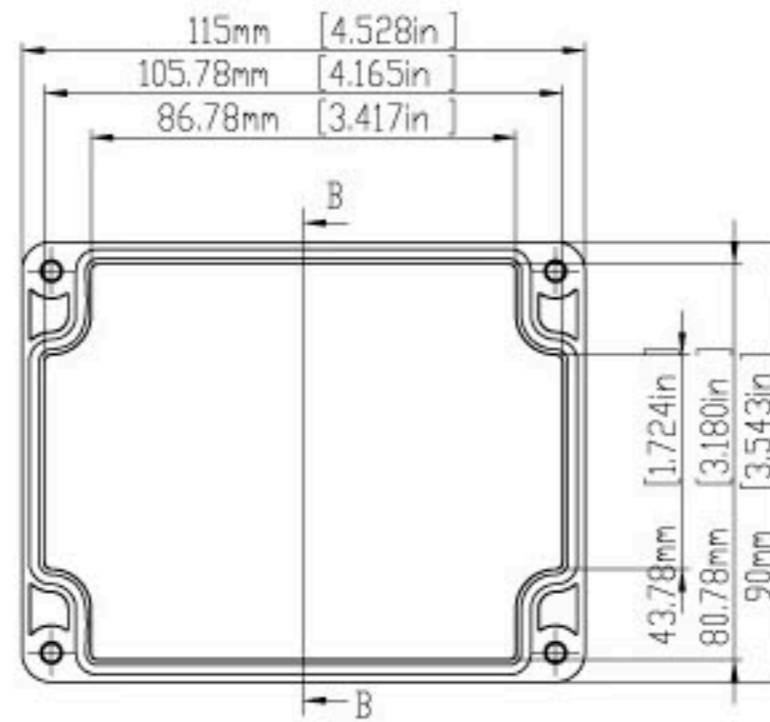
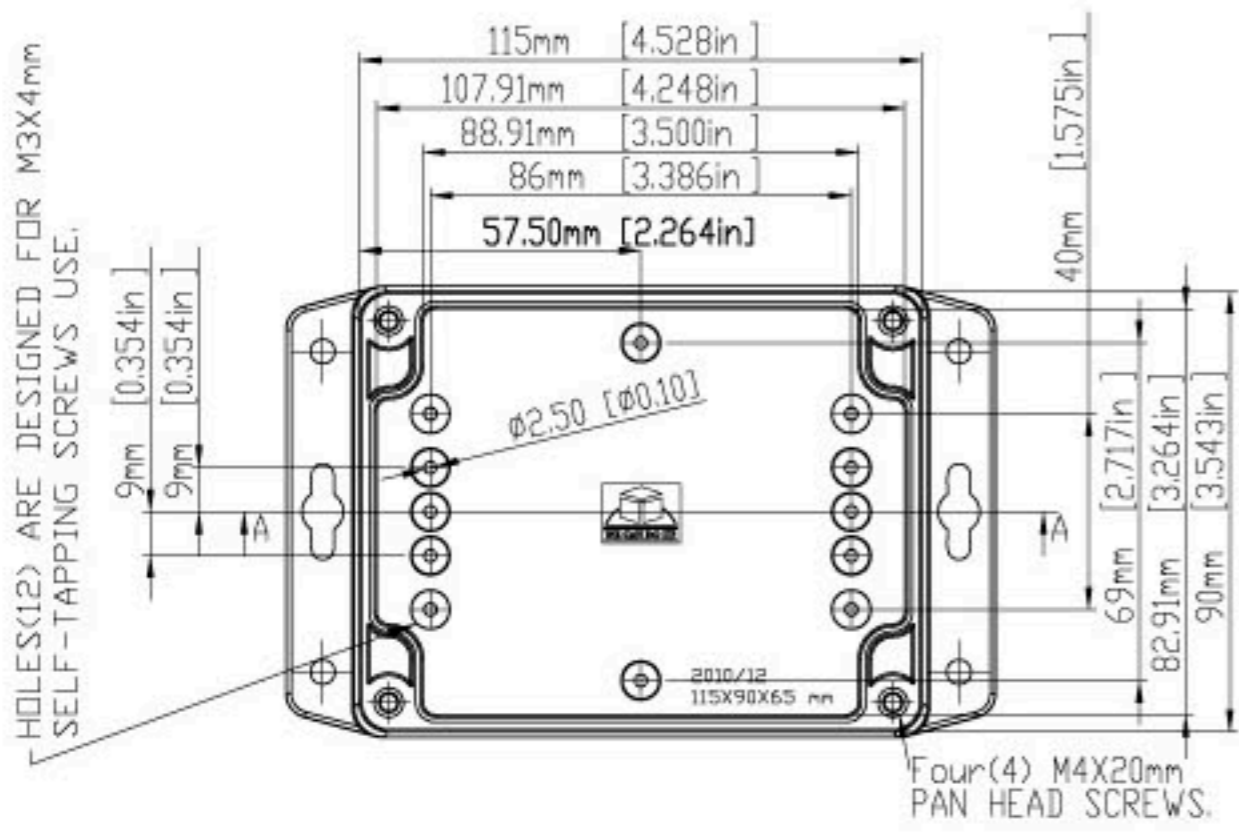


SECTION A-A
SCALE 2 : 5

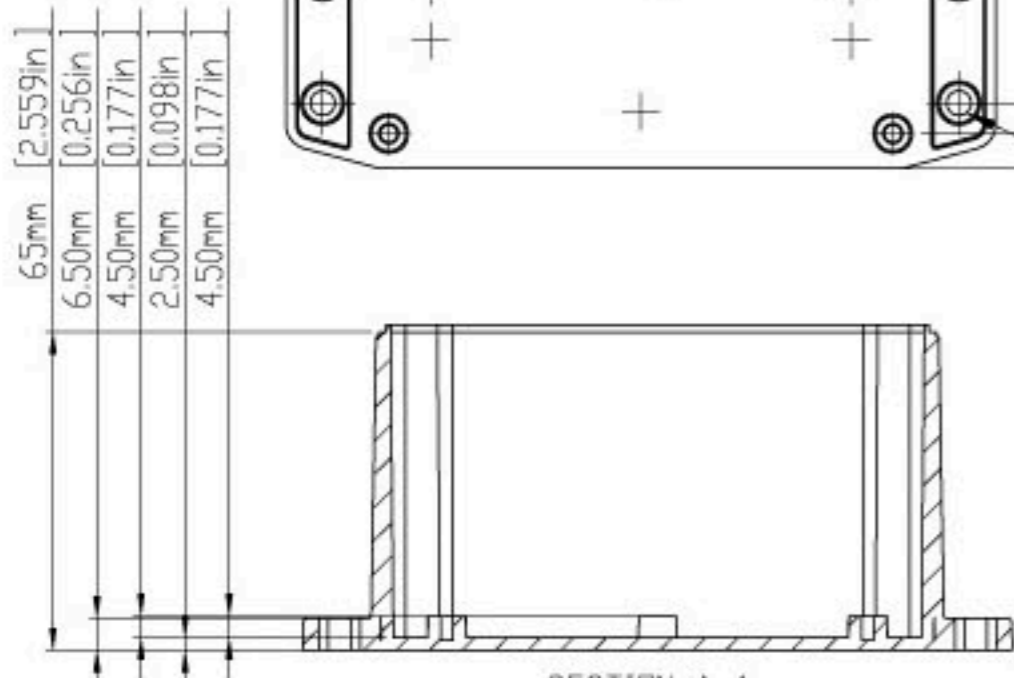
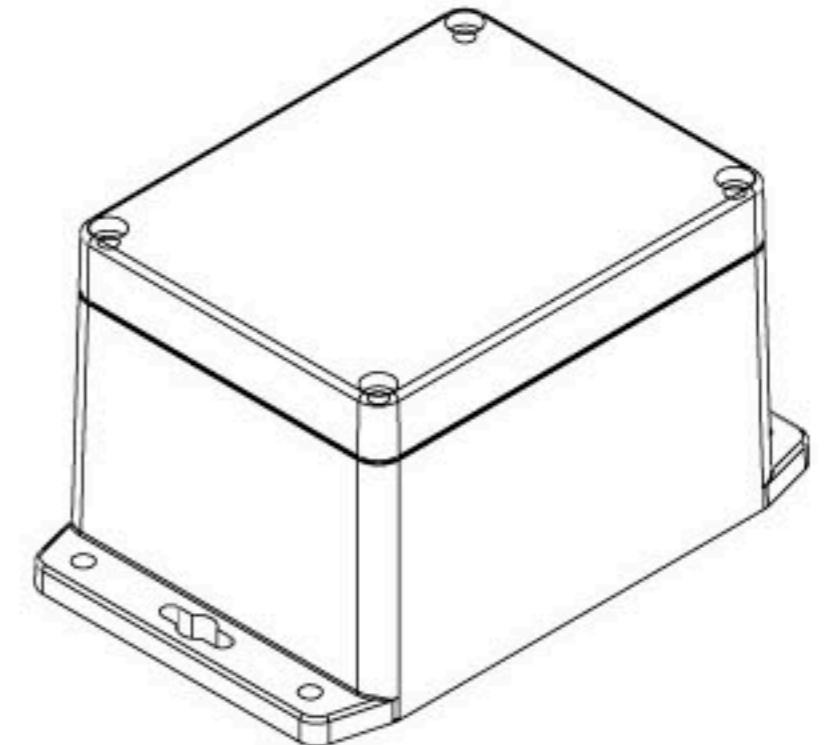
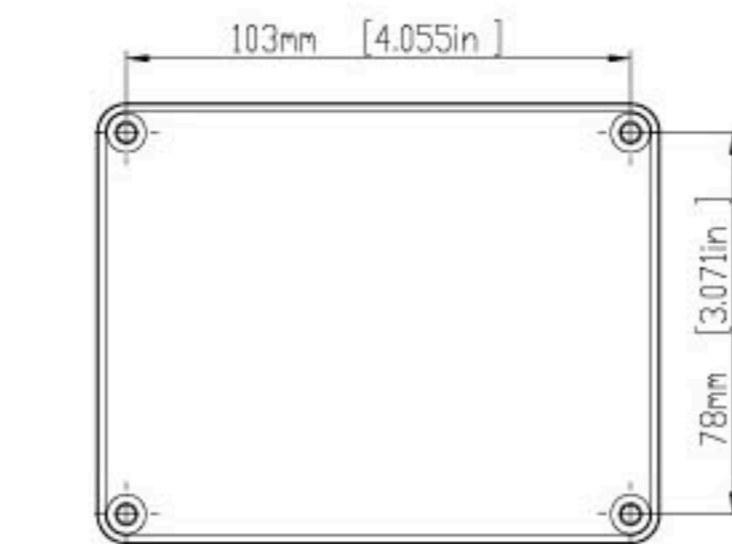
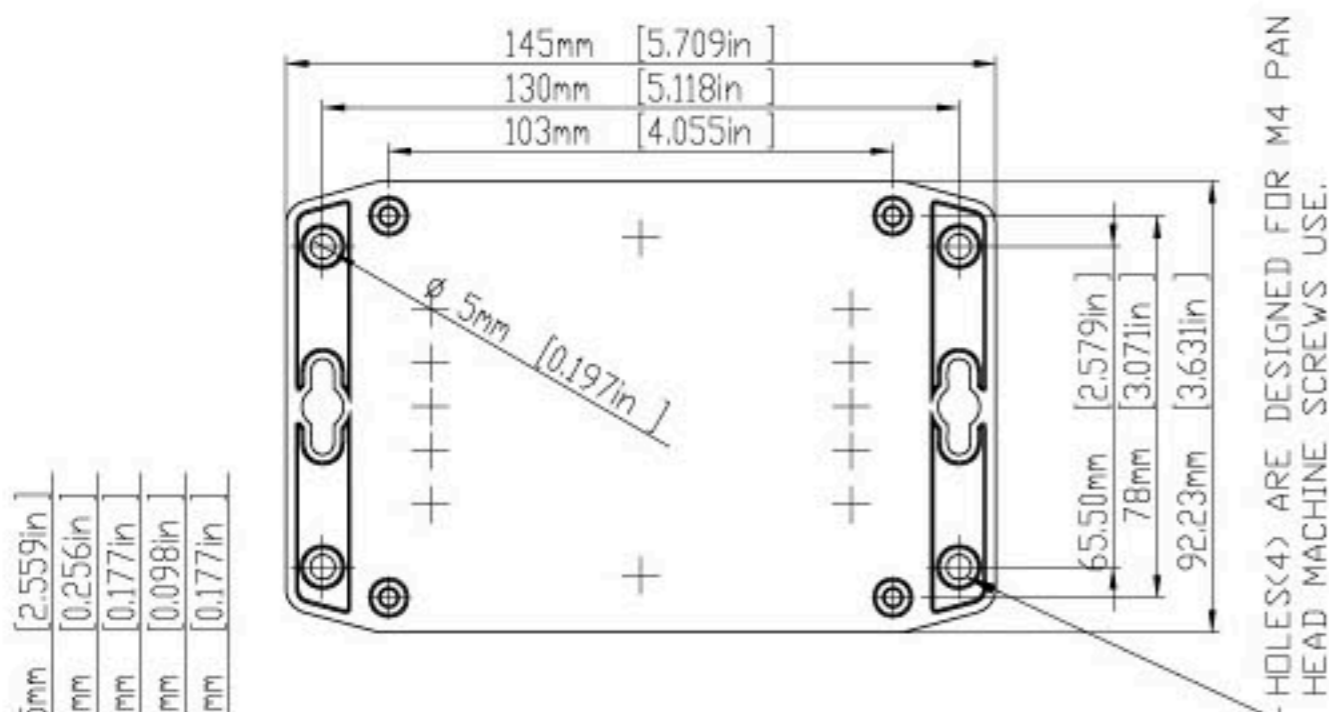


According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

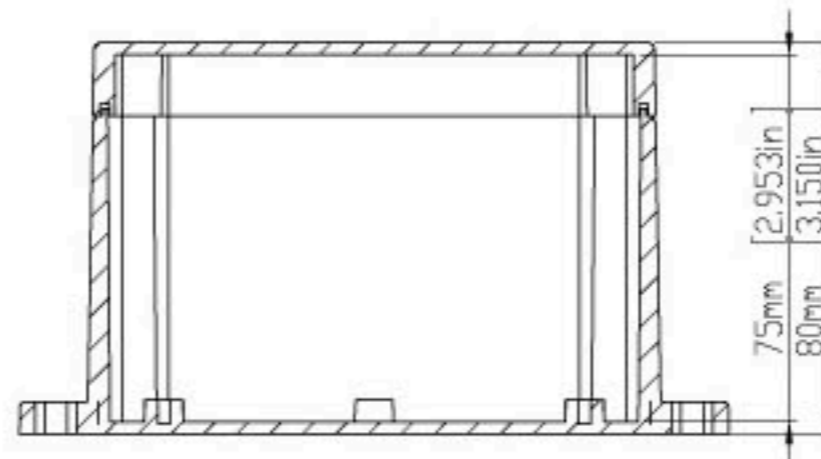
G221MF / G331MF



SECTION B-B
SCALE 2 : 3

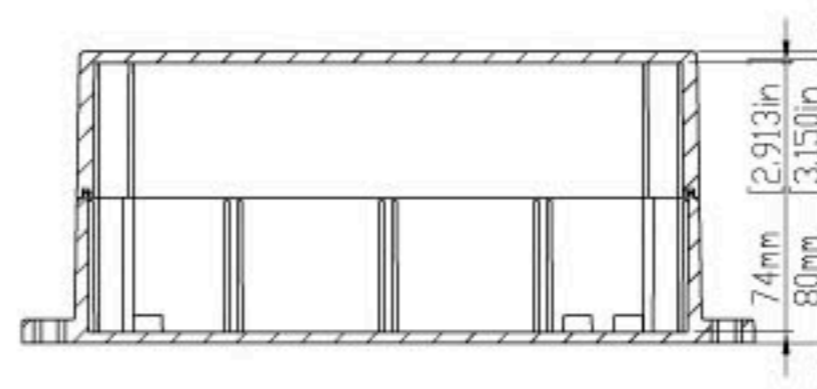
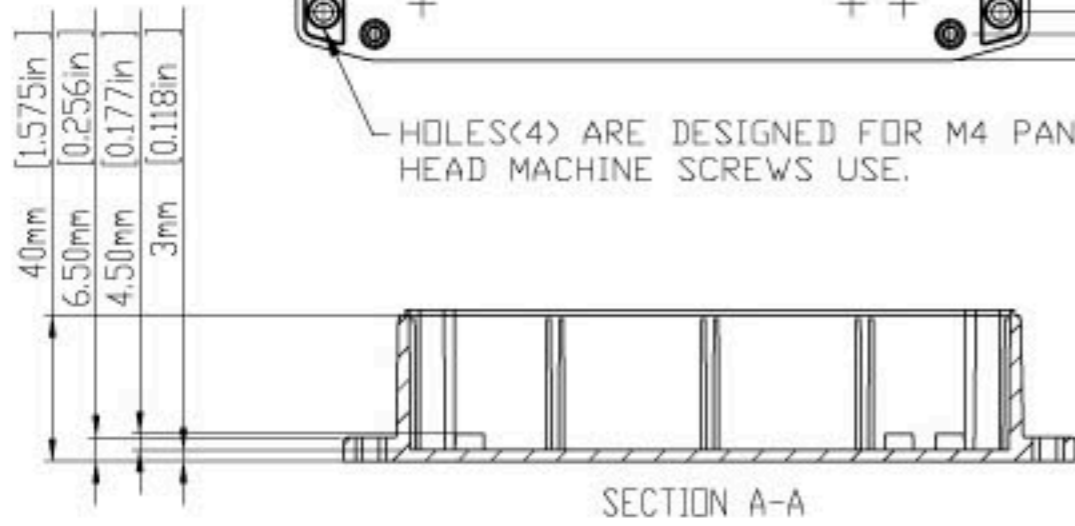
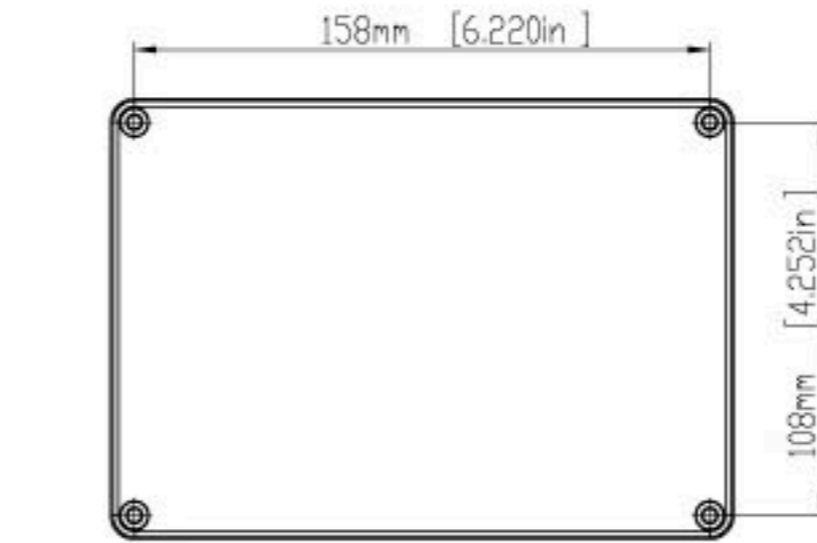
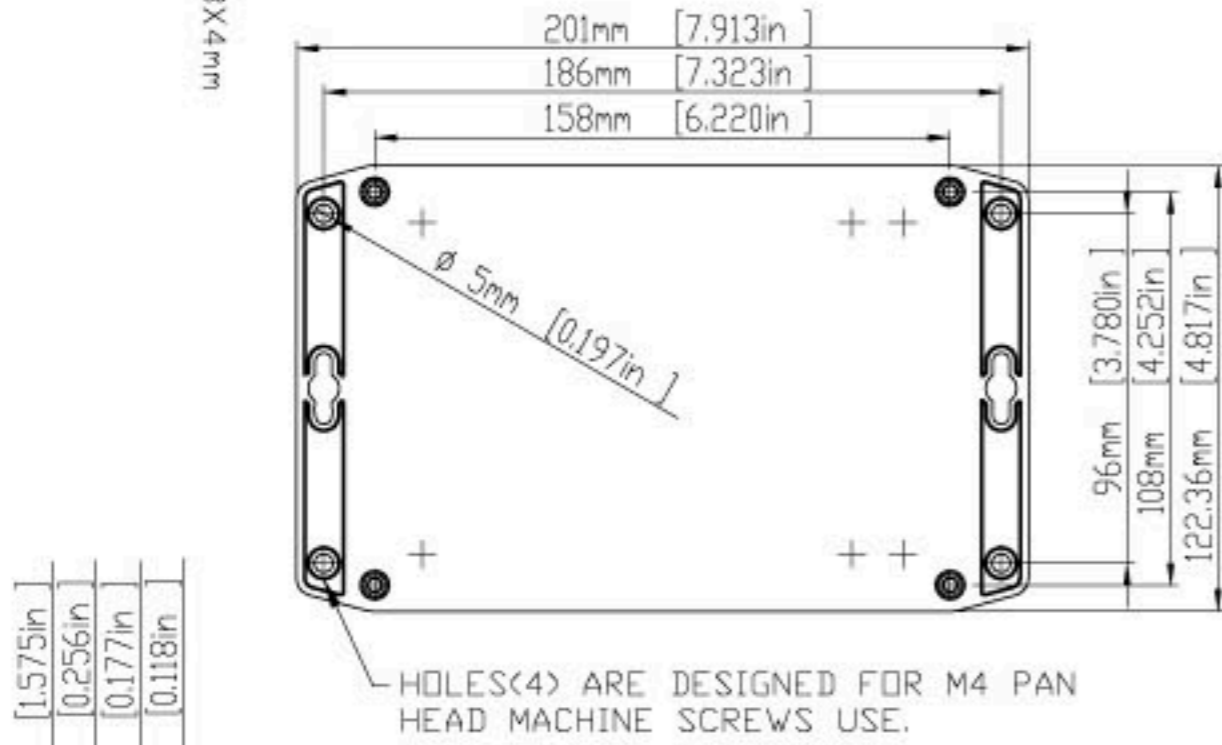
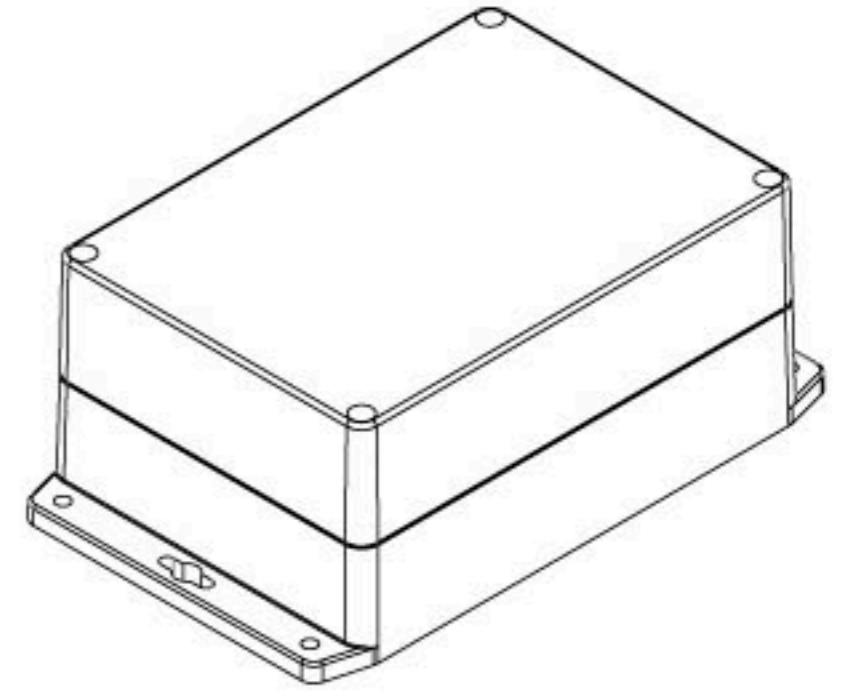
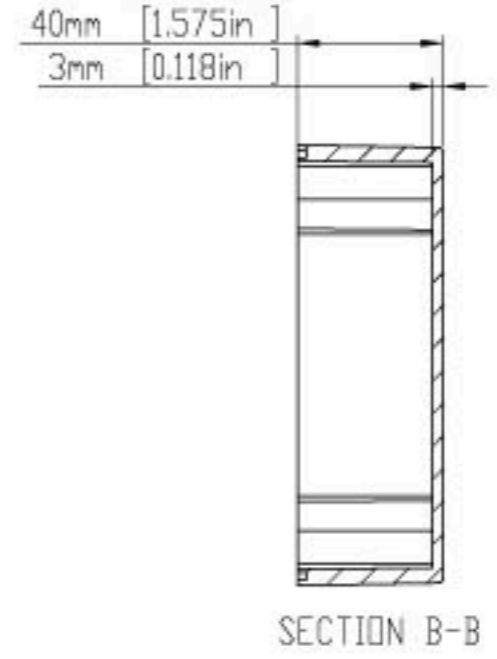
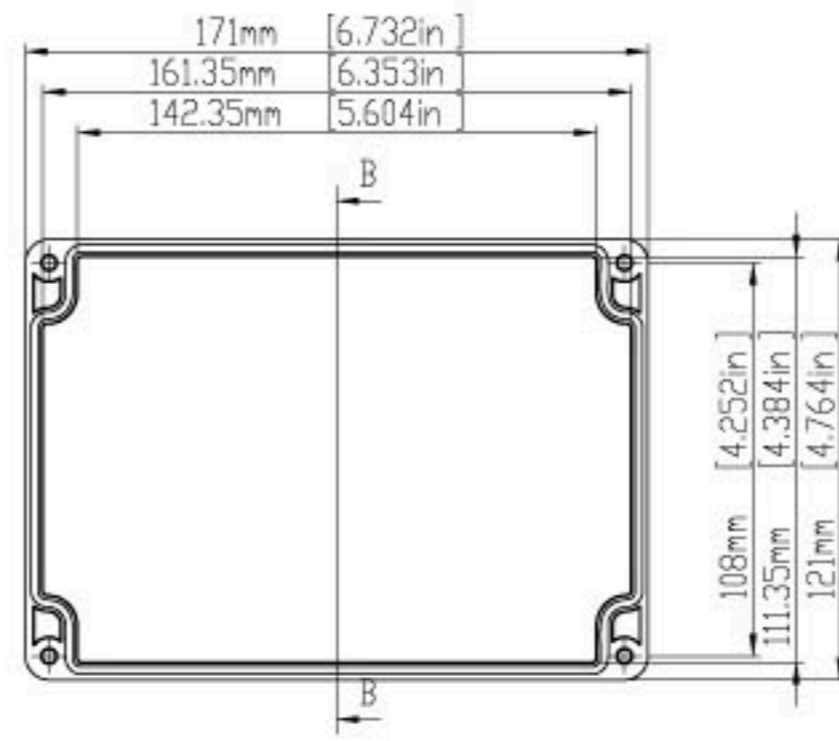
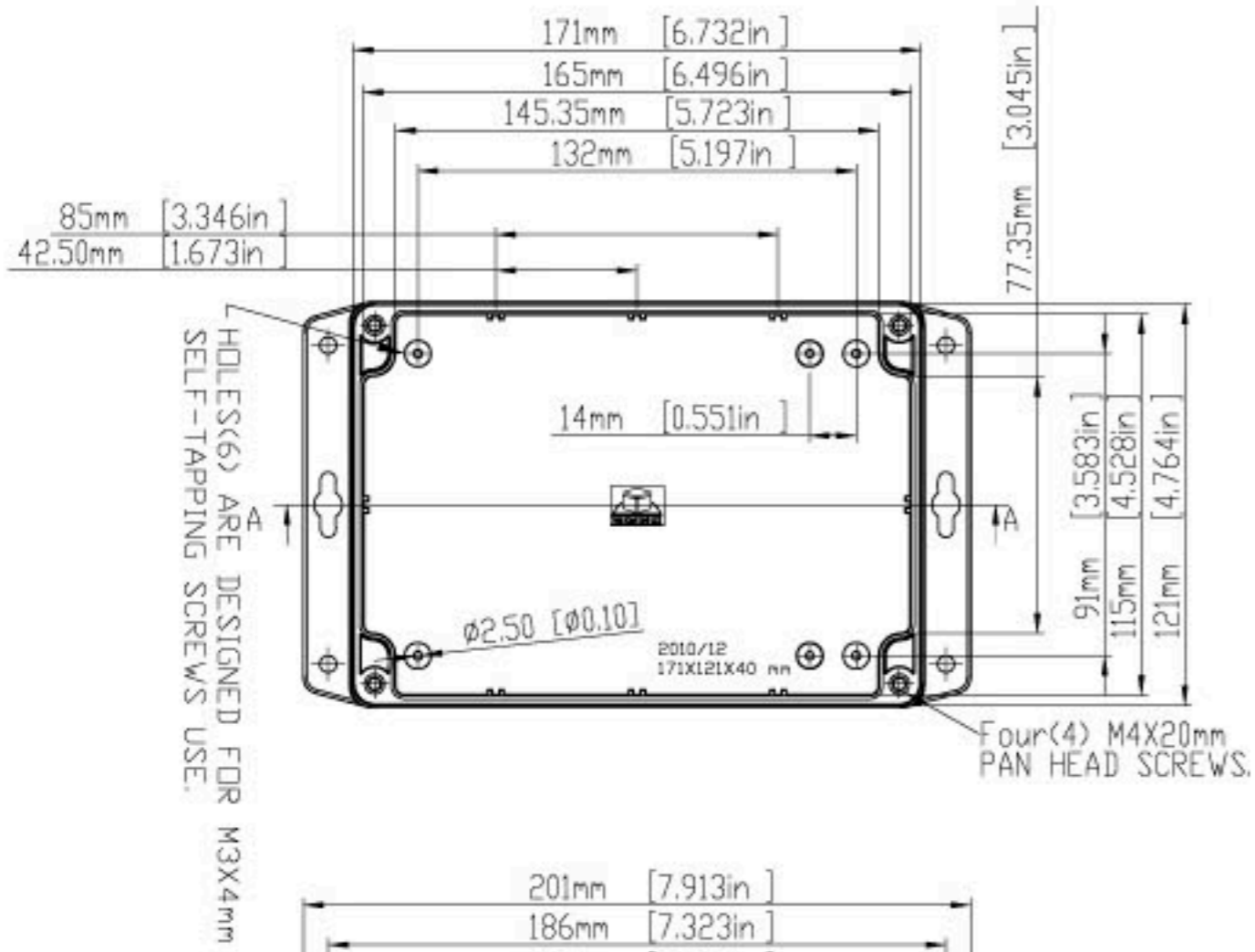


SECTION A-A
SCALE 2 : 3



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

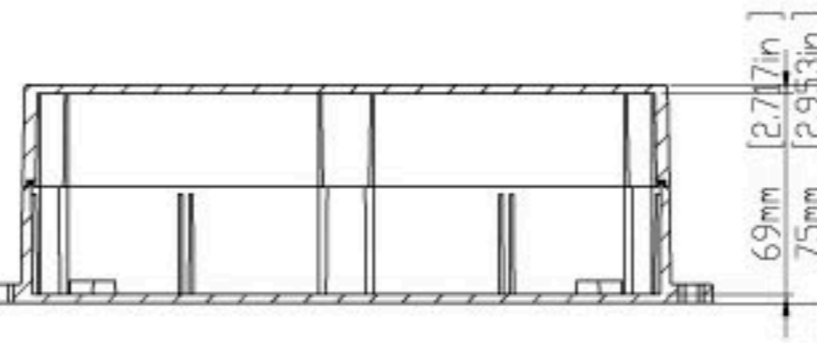
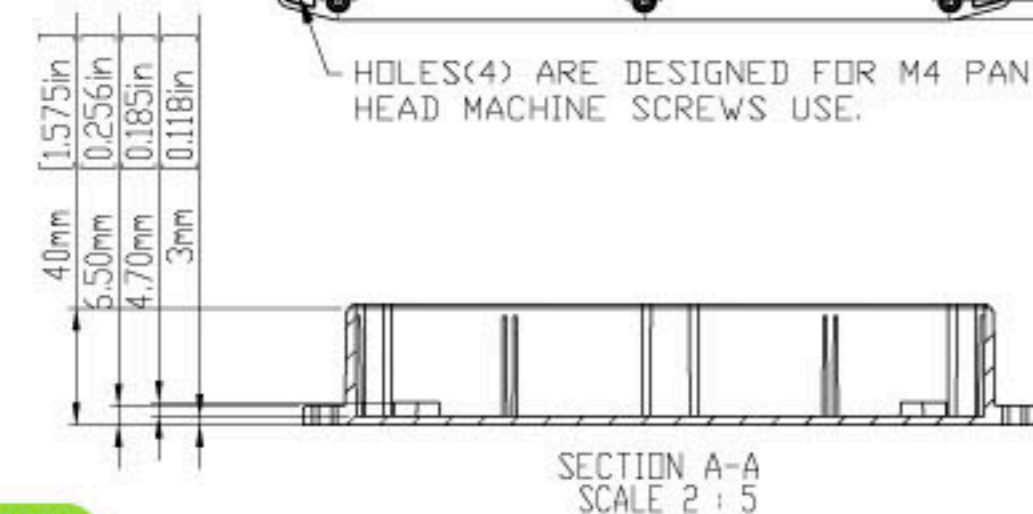
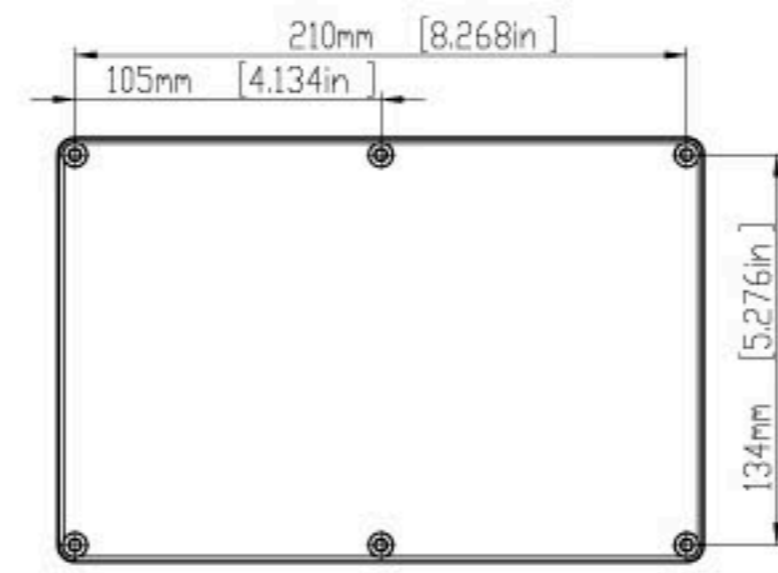
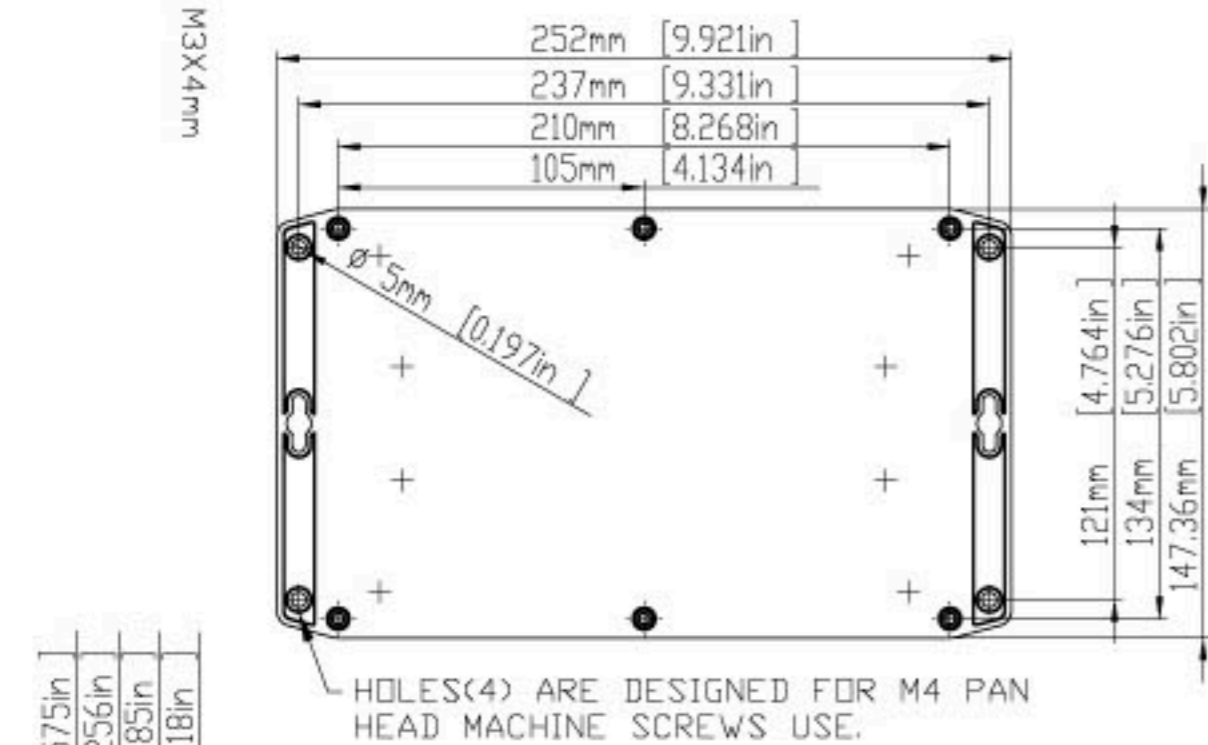
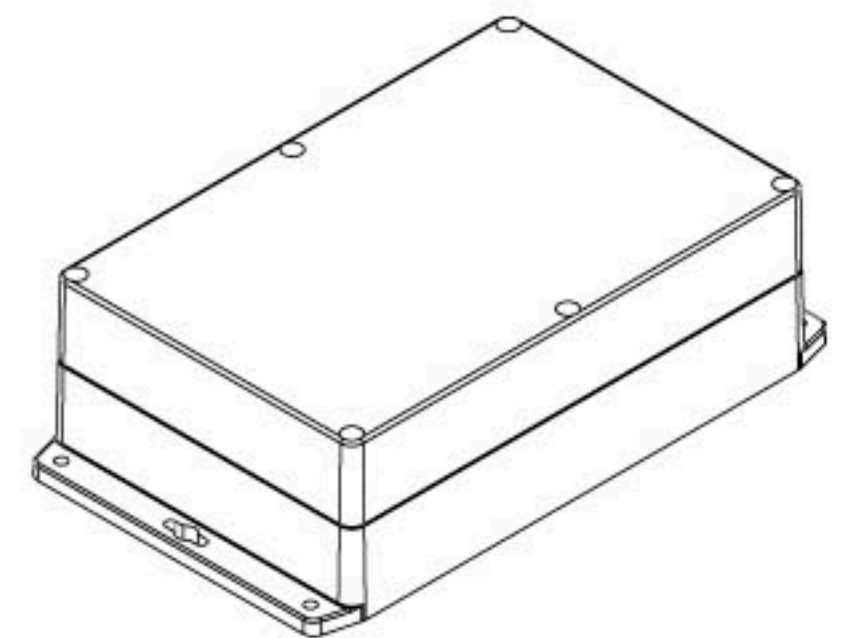
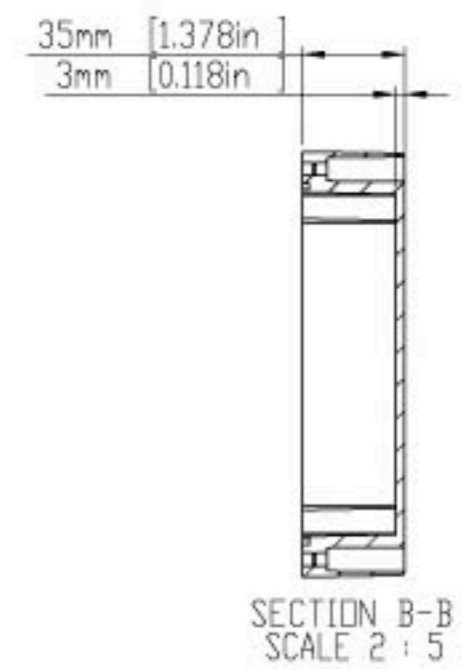
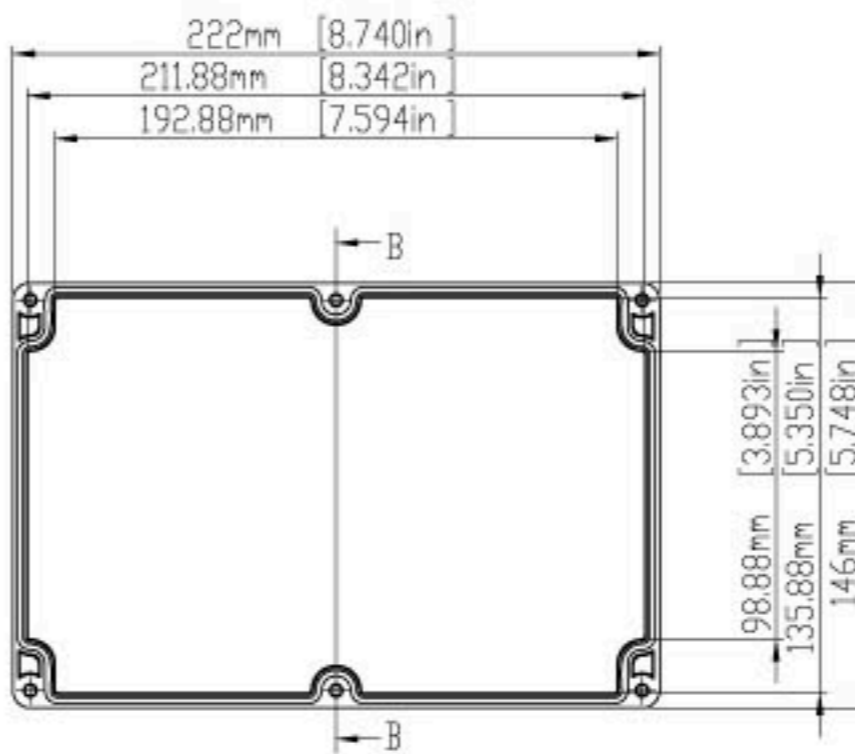
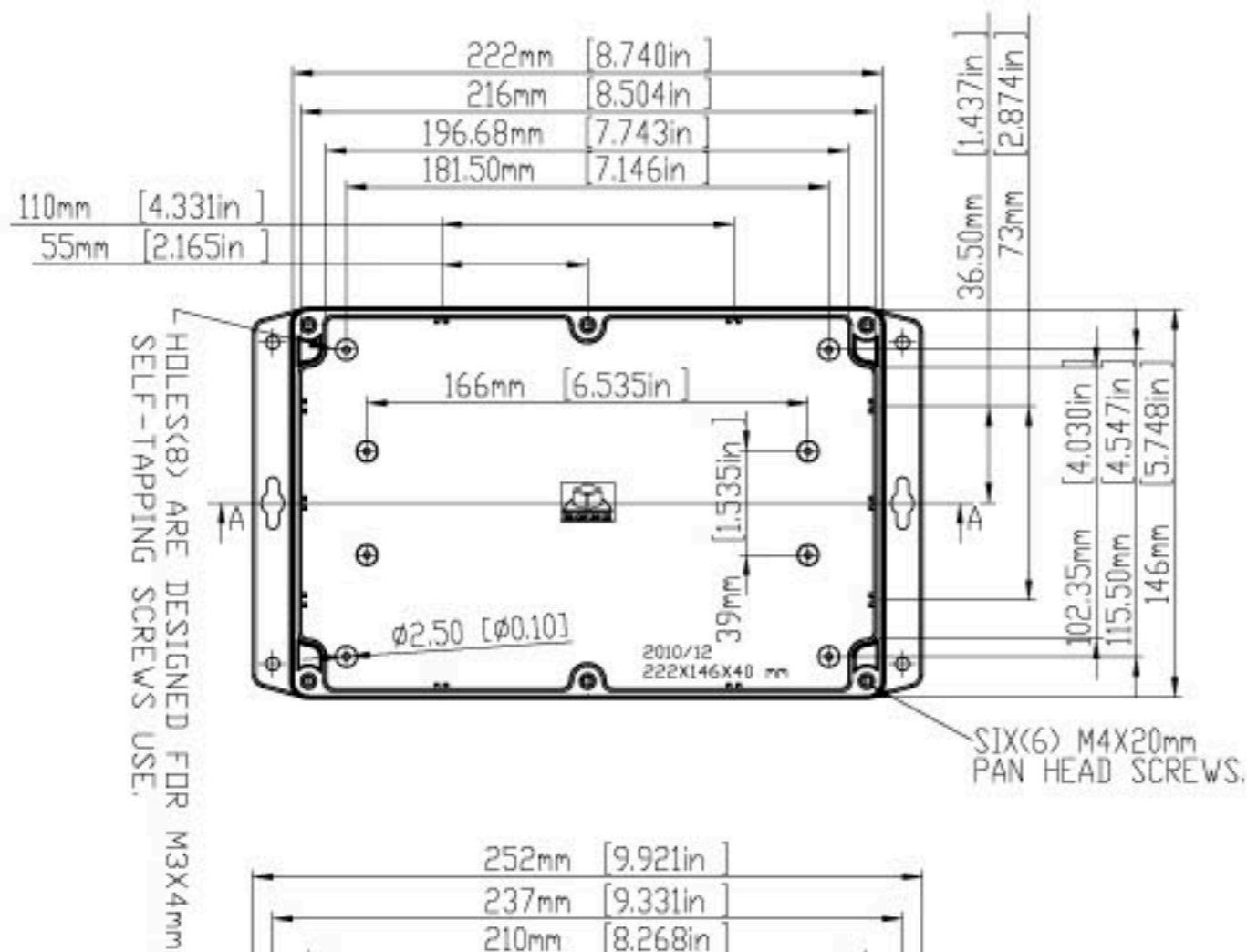
G223MF / G340MF



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

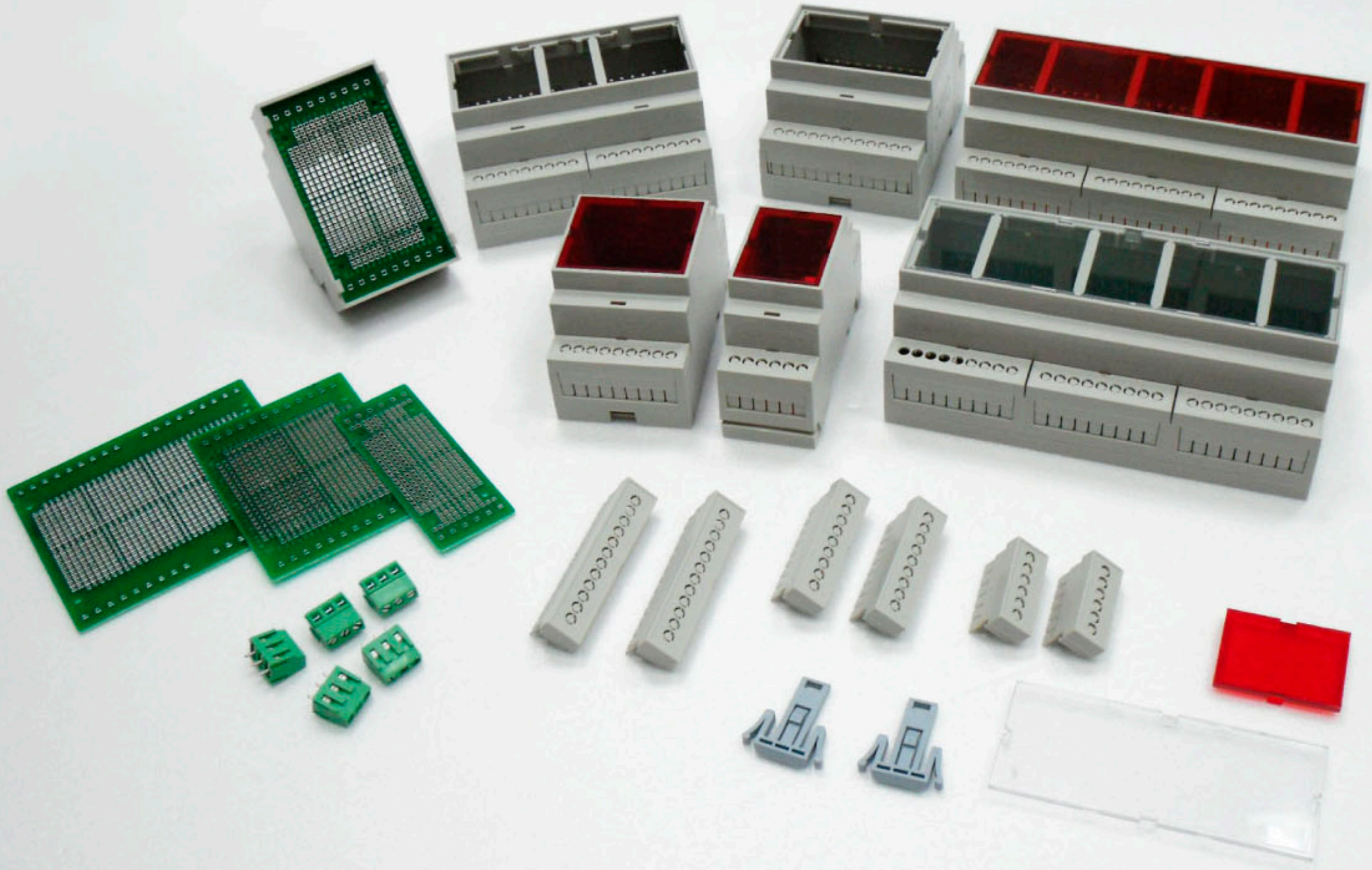
G232MF / G353MF



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

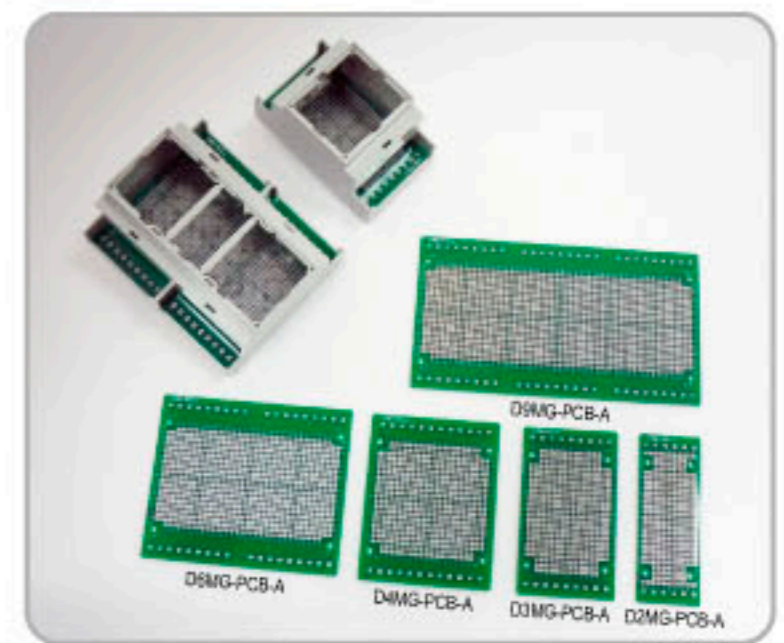
DINRAIL / MODULE BOX



- DIN rail module boxes supplied in a range of 5 different sizes (2M ,3M, 4M ,6M & 9M)
- Designed to incorporate DIN EN60715 Rail
- Easy assembly snap fit construction
- Manufacture in grey Polycarbonate/ABS UL94-VO
- Snap fit terminal covers available in either transparent or IR Red polycarbonate UL94-VO
- Available with snap fit grey guards

NEW *New optional parts:*

PCB



3WAY of Terminal Block



Part No.	Product description	Dimension (mm)
D2MG	DIN-RAIL MODULE BOX , 2MG	36.3 X 90.2 X 57.5
D3MG	DIN-RAIL MODULE BOX , 3MG	53.3 X 90.2 X 57.5
D4MG	DIN-RAIL MODULE BOX , 4MG	71 X 90.2 X 57.5
D6MG	DIN-RAIL MODULE BOX , 6MG	106.25 X 90.2 X 57.5
D9MG	DIN-RAIL MODULE BOX , 9MG	159.5 X 90.2 X 57.5

Transparent & IR red cover:

Part No.	Product description	Dimension (mm)
D2MG-COVER-C	Clear cover for D2MG use	42X32.1X2.5
D2MG-COVER-IR	Infra red cover for D2MG use	42X32.1X2.5
D3MG-COVER-C	Clear cover for D3MG use	42X49X2.5
D3MG-COVER-IR	Infra red cover for D3MG use	42X49X2.5
D4MG-COVER-C	Clear cover for D4MG use	42X66.8X2.5
D4MG-COVER-IR	Infra red cover for D4MG use	42X66.8X2.5
D6MG-COVER-C	Clear cover for D6MG use	42X102.1X2.5
D6MG-COVER-IR	Infra red cover for D6MG use	42X102.1X2.5
D9MG-COVER-C	Clear cover for D9MG use	42X155.4X2.5
D9MG-COVER-IR	Infra red cover for D9MG use	42X155.4X2.5

Example:



D2MG-COVER-IR



D2MG
with D2MG-COVER-IR

Example:



D9MG-COVER-C

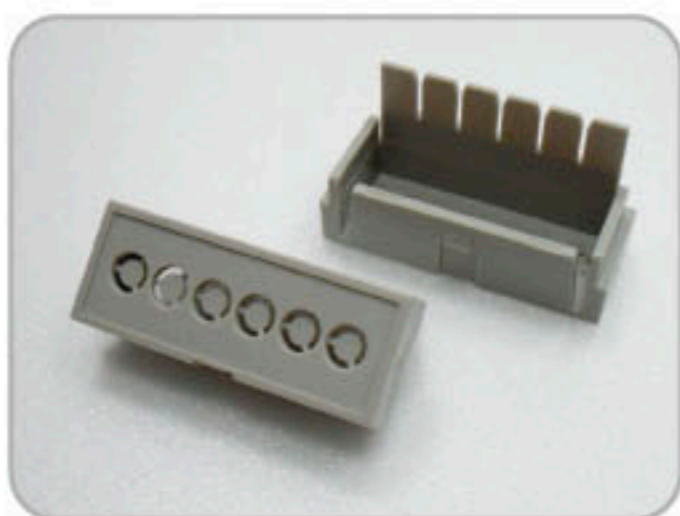


D9MG
with D9MG-COVER-C

Grey guard & Dark grey wall-clip

Part No.	Product description
D2MG-GUARD	Guard for D2MG use (2pcs/bag)
D4MG-GUARD	Guard for D4MG use (2pcs/bag)
D3MG/D6MG/D9MG-GUARD	Guard for D3MG/D6MG/D9MG use (2pcs/bag)
DXMG-WALL CLIP	Wall clip for DIN-Rail module box use

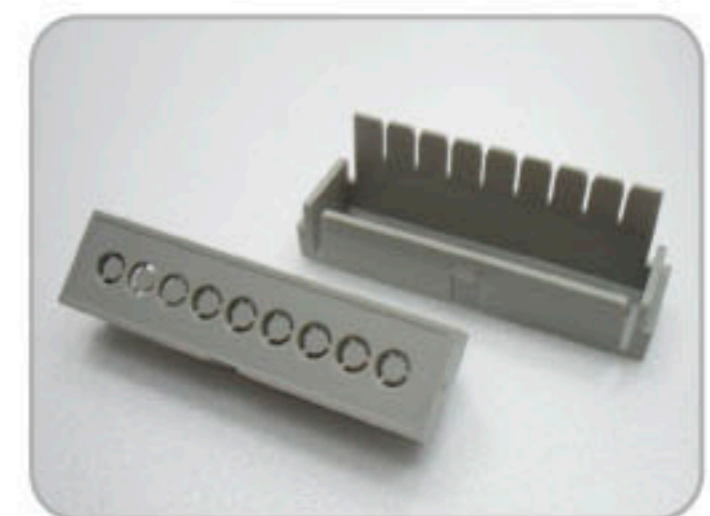
Example:



D2MG-GUARD



D4MG-GUARD



D3MG/D6MG/D9MG-GUARD

Example:



DXMG-WALL CLIP

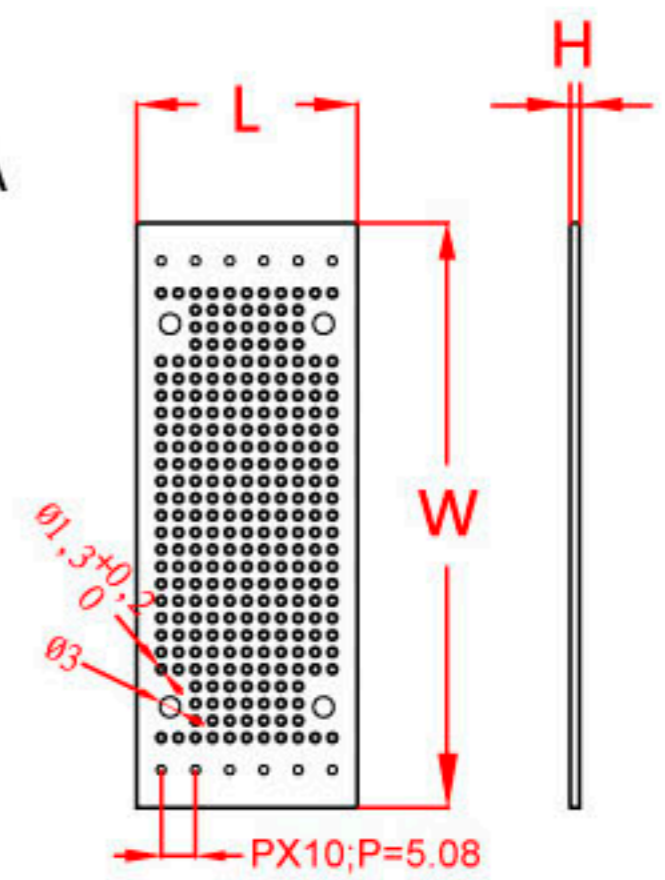


PCB of position " A" for DXMG use

Part No.	EXTERNAL DIMENSION (mm)		
	LENGTH	WIDTH	THICKNESS
D2MG-PCB-A	32.8	86.9	1.6
D3MG-PCB-A	50	86.9	1.6
D4MG-PCB-A	67.8	86.9	1.6
D6MG-PCB-A	102.8	86.9	1.6
D9MG-PCB-A	156.2	86.9	1.6

Example:

D2MG-PCB-A



Example:



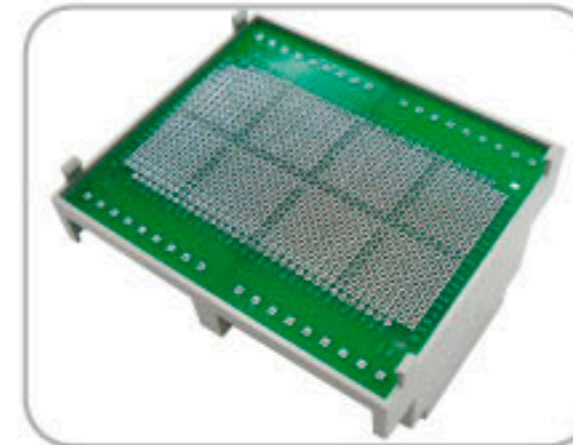
D2MG
with D2MG-PCB-A



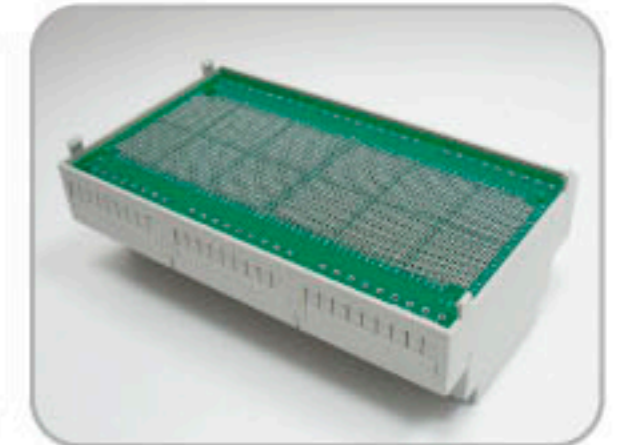
D3MG
with D3MG-PCB-A



D4MG
with D4MG-PCB-A



D6MG
with D6MG-PCB-A



D9MG
with D9MG-PCB-A



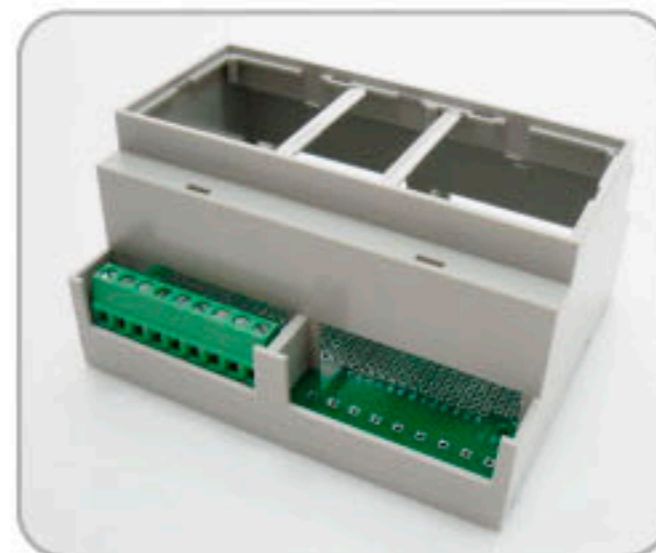
3WAY of terminal block for DXMG use

Part No.	Product description
DXMG-3WAY	3WAY terminal block for D2MG /D3MG/D4MG/D6MG/D9MG use

Example:



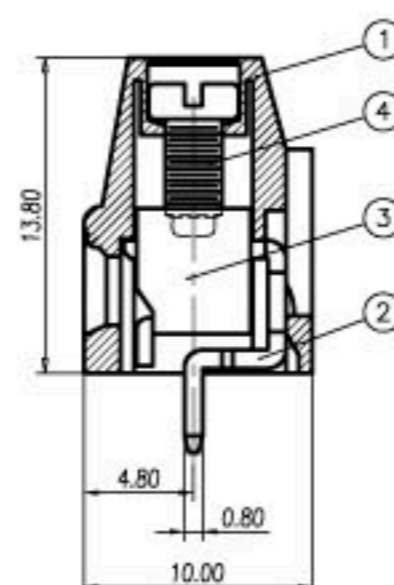
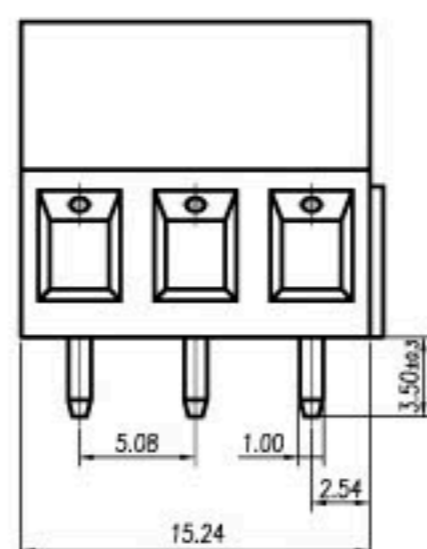
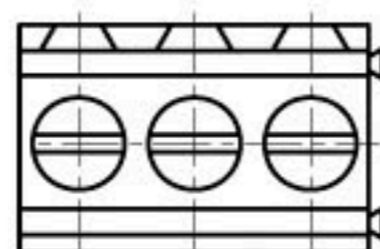
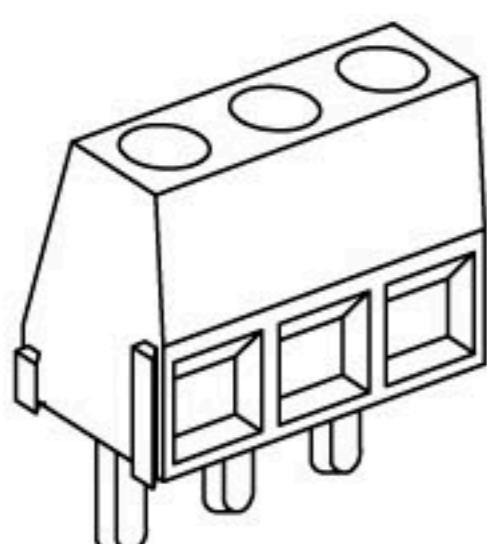
D2MG with
3WAY of terminal block



D6MG with
3WAY of terminal block



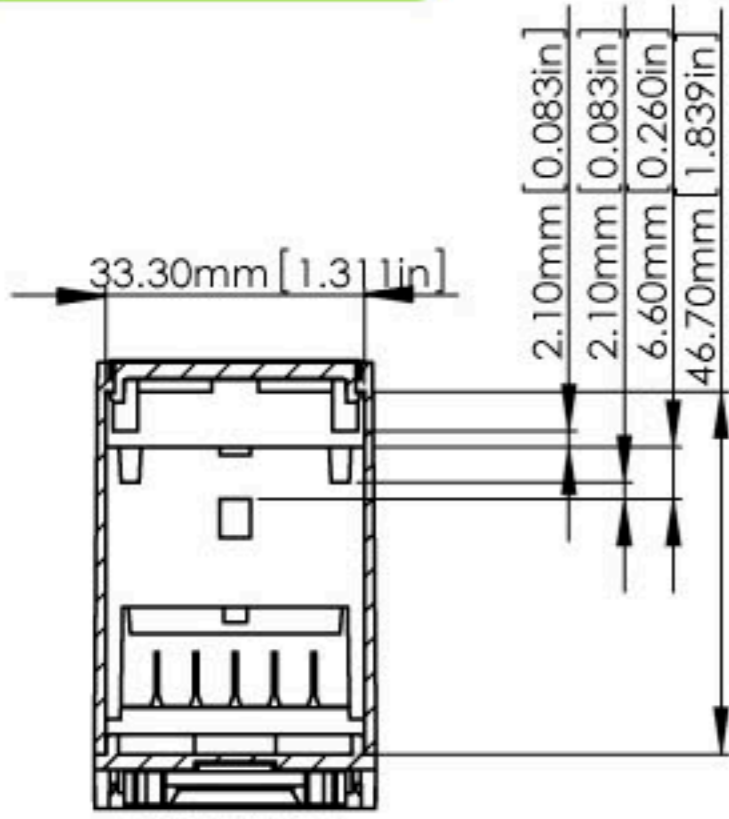
DXMG-3WAY DRAWING:



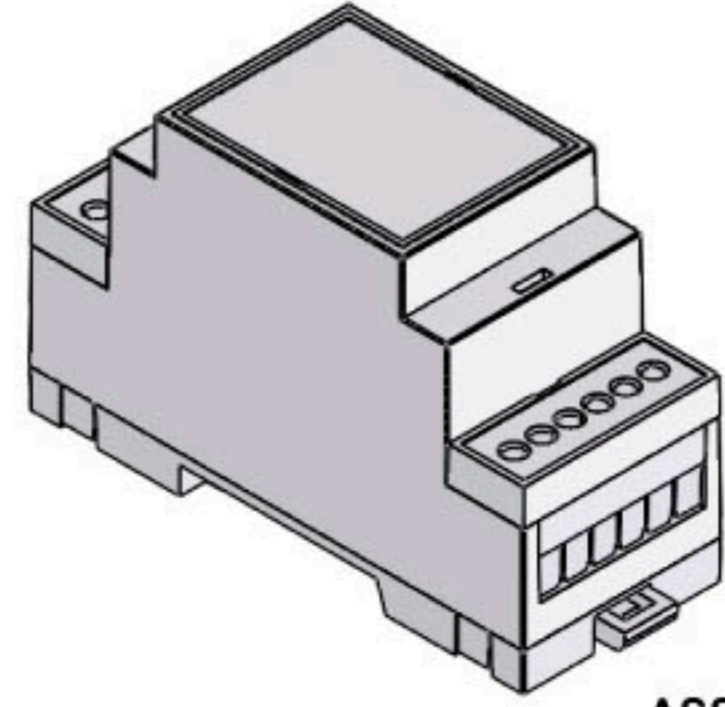
NOTES:

- Rating: 300V 20A (IEC 250V 24A)
PITCH: 5.08mm
- Insulation Withstands Voltage:
AC 2000V at 1 minute
- Insulation Resistance:
500M Ω or more at DC500V
- Using Temperature Range:
-40°C~+105°C
- Suitable Electric Wire:
24~12AWG(IEC 0.5~2.5mm²)
- Torque Value: 4 kg-cm
- RoHS compliance

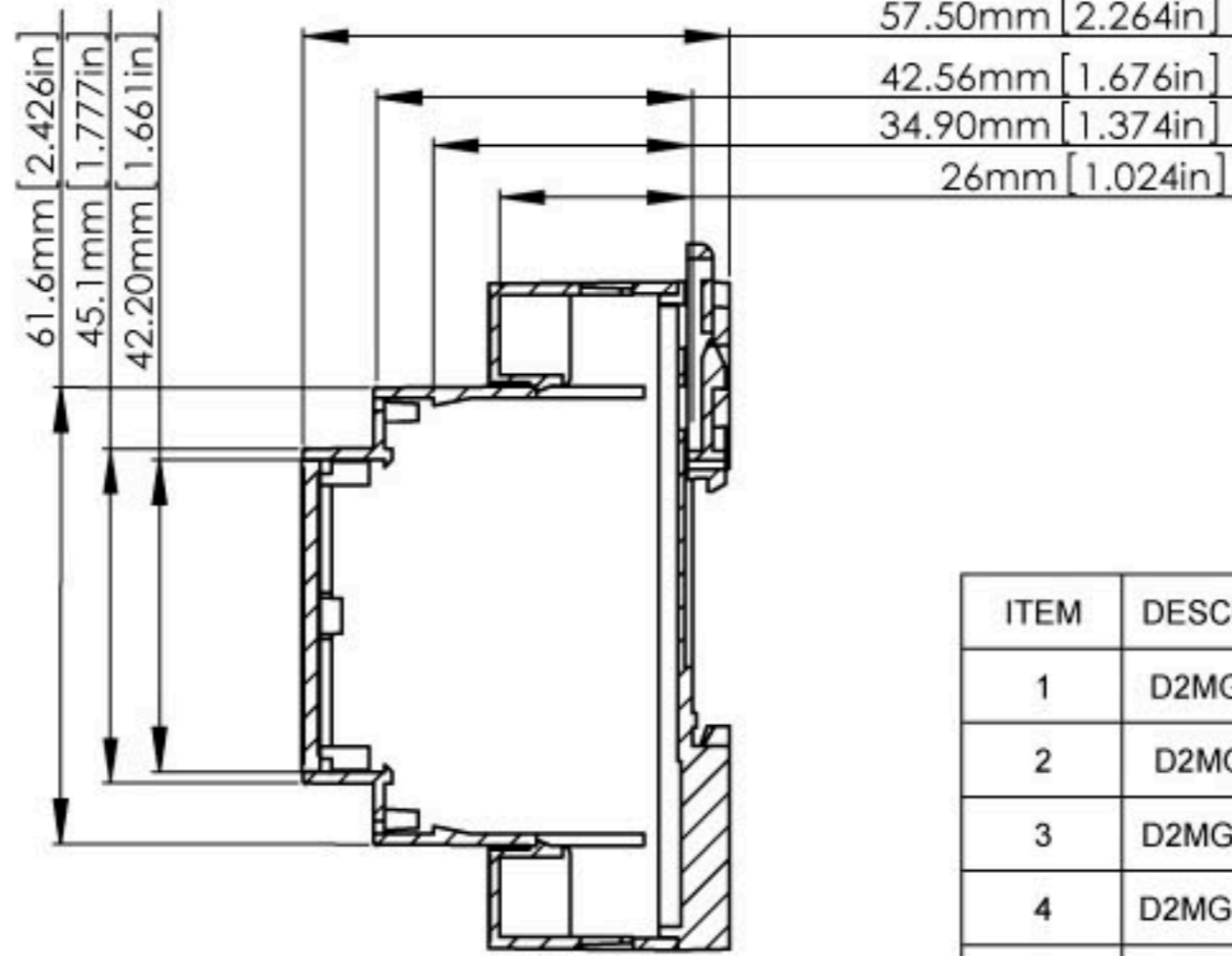
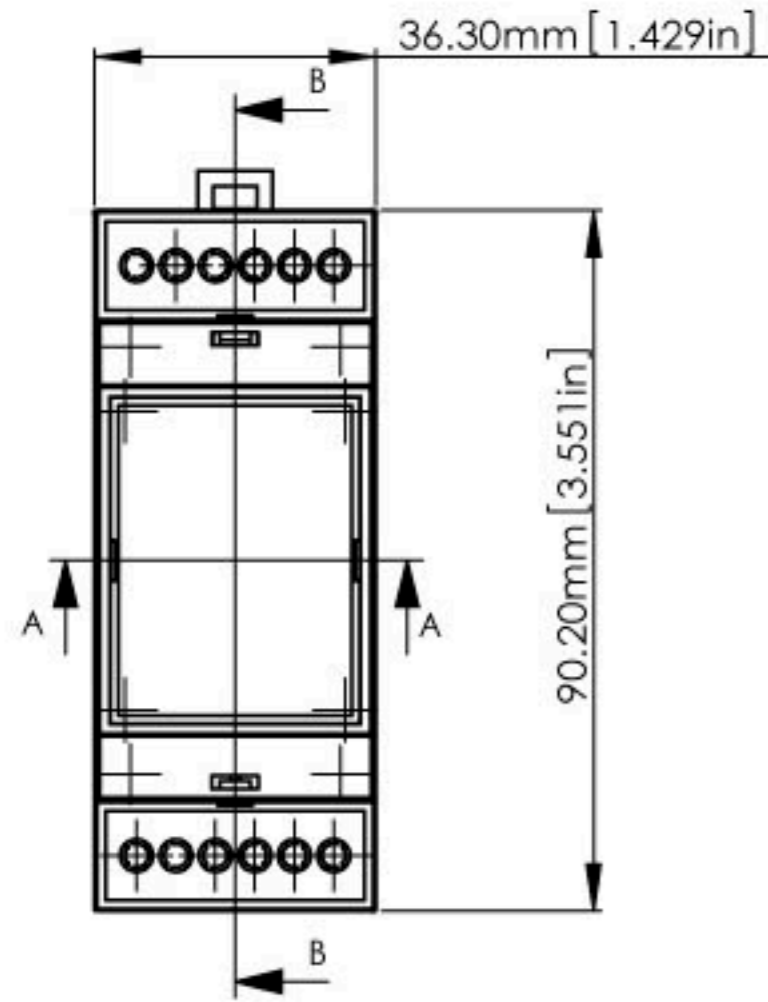
D2MG



SECTION A-A
SCALE 1:1



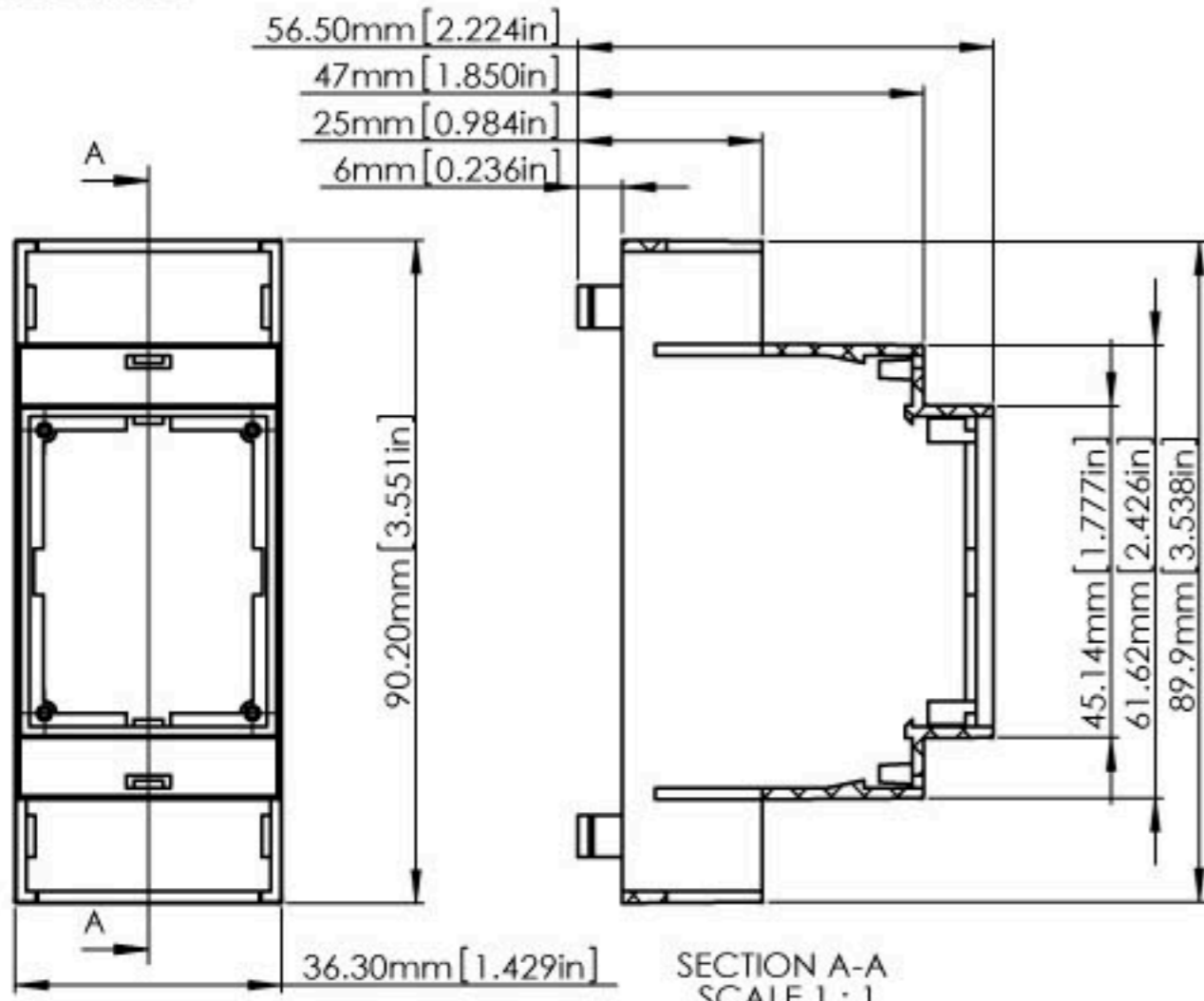
ASSEMBLY



SECTION B-B
SCALE 1:1

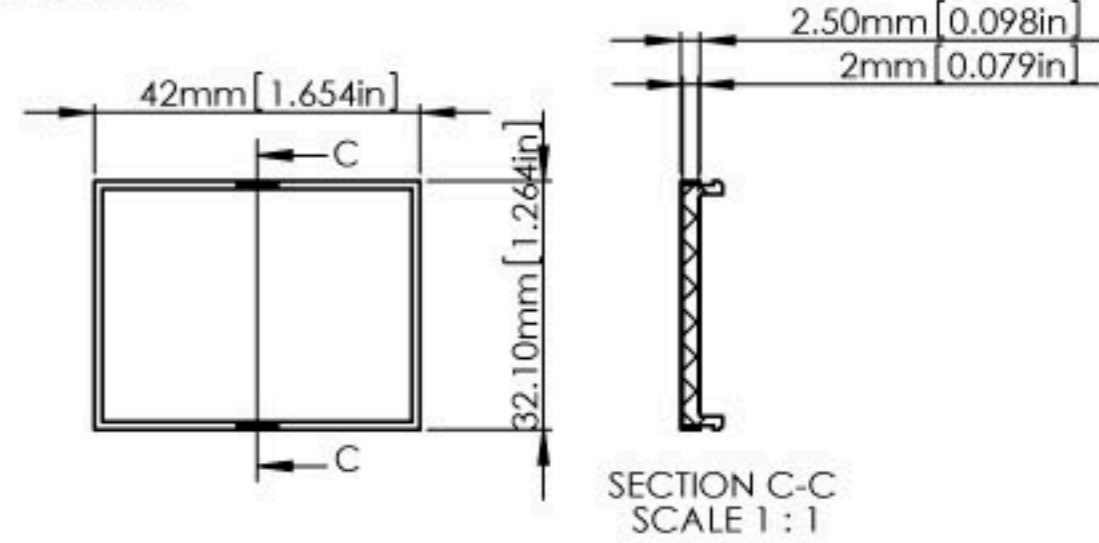
ITEM	DESCRIPTION	MATERIAL	COLOUR	UNIT
1	D2MG-BODY	PC/ABS(UL94-V0)	GREY	1
2	D2MG-BASE	PC/ABS(UL94-V0)	GREY	1
3	D2MG-COVER	PC/ABS(UL94-V0)	GREY	1
4	D2MG-GUARD	PC/ABS(UL94-V0)	GREY	2
5	D2MG-WALL CLIP	NYLON66(UL94-V0)	DARK GREY	1

D2MG-BODY



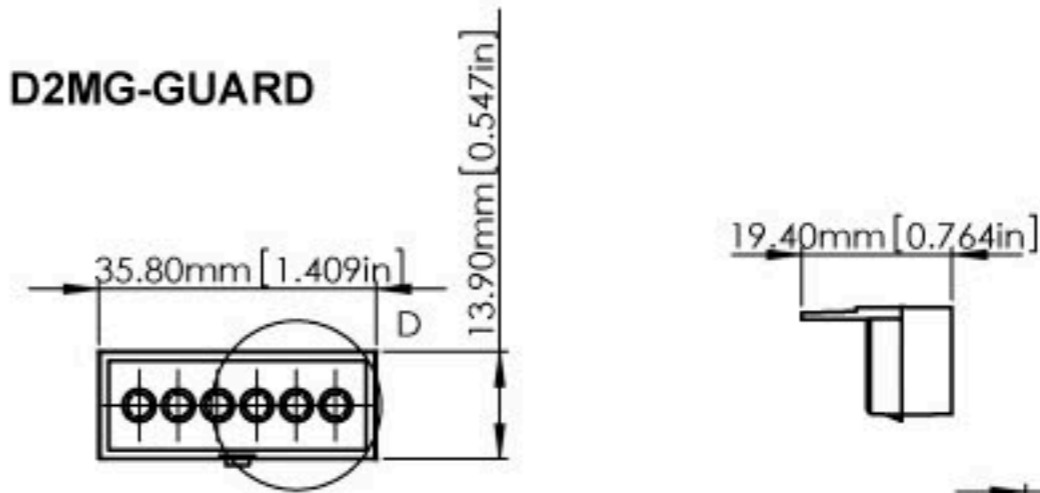
SECTION A-A
SCALE 1:1

D2MG-COVER



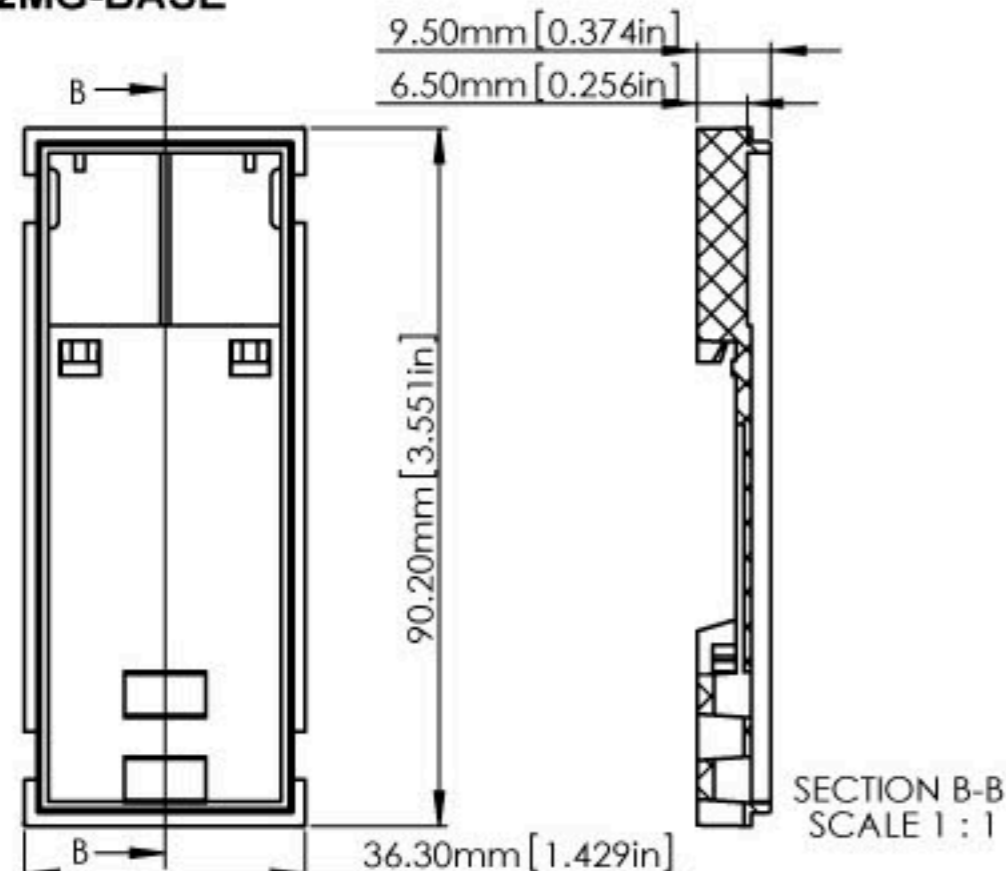
SECTION C-C
SCALE 1:1

D2MG-GUARD



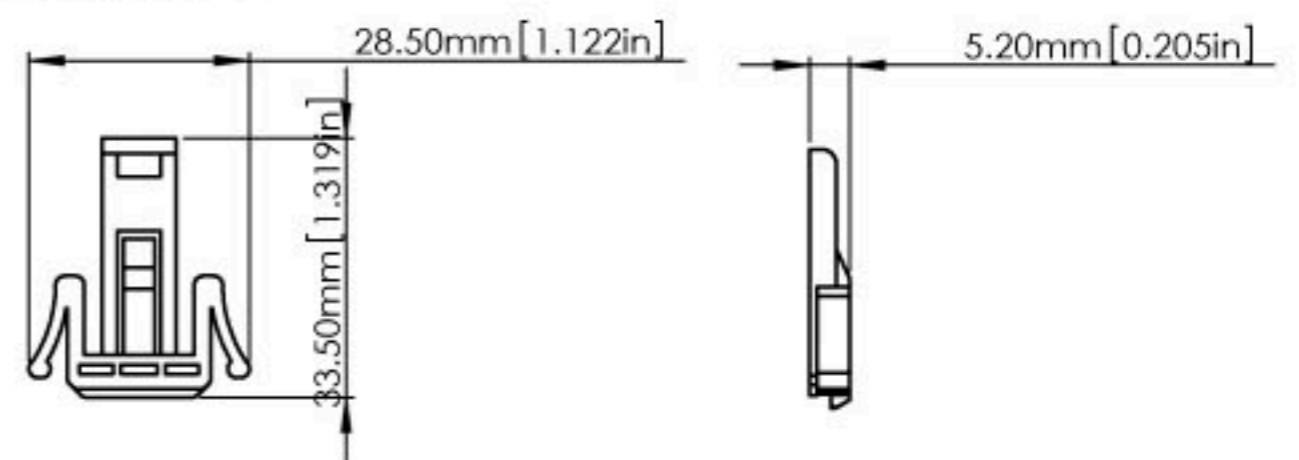
SECTION D
SCALE 2:1

D2MG-BASE



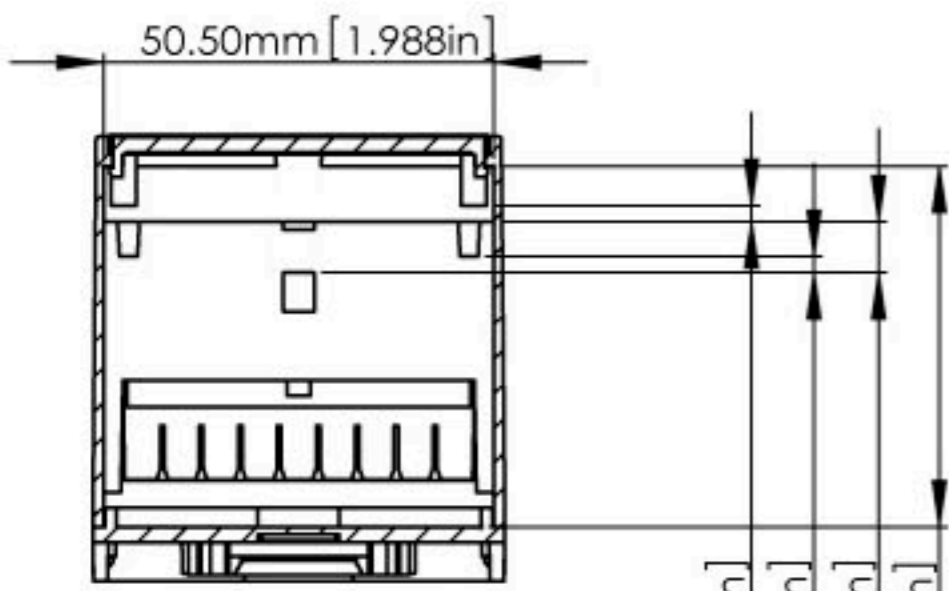
SECTION B-B
SCALE 1:1

D2MG-WALL CLIP

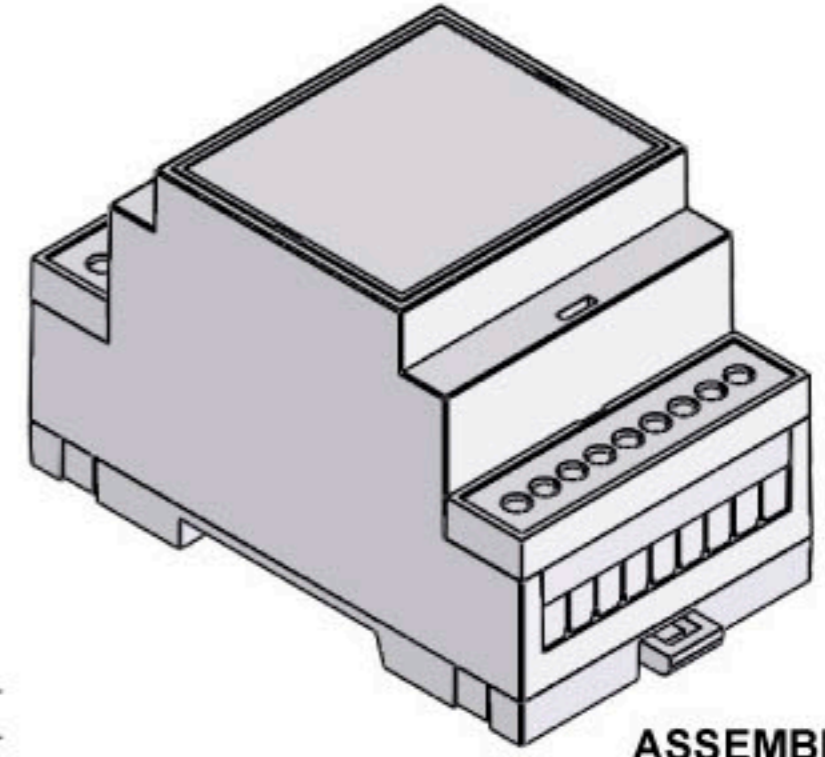
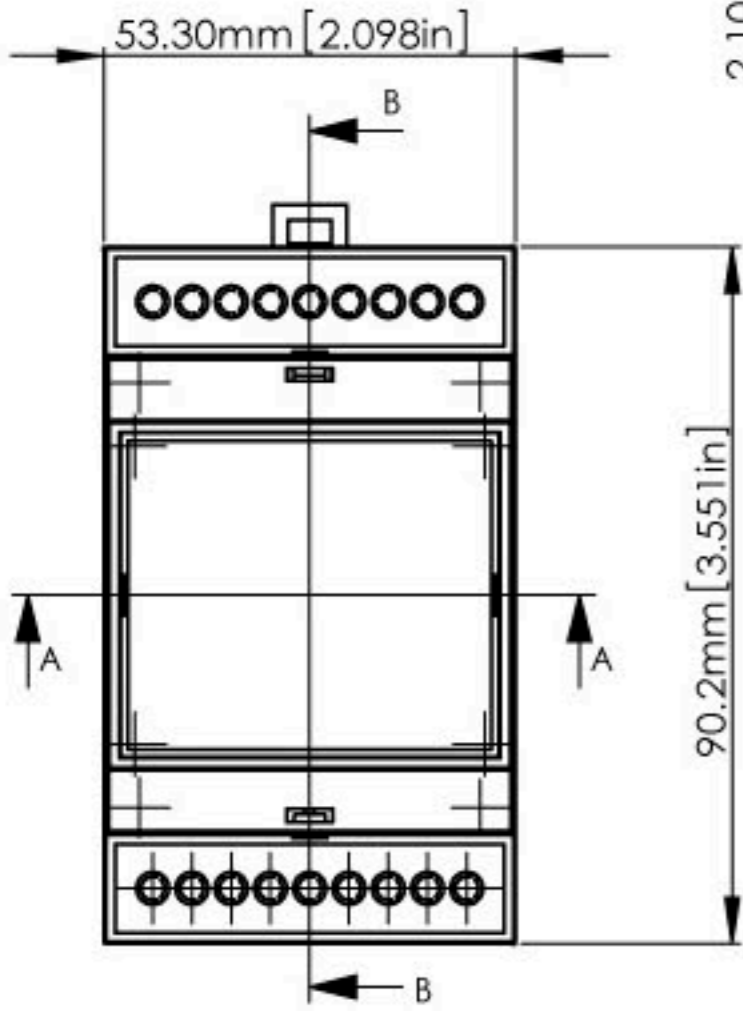


SECTION D
SCALE 2:1

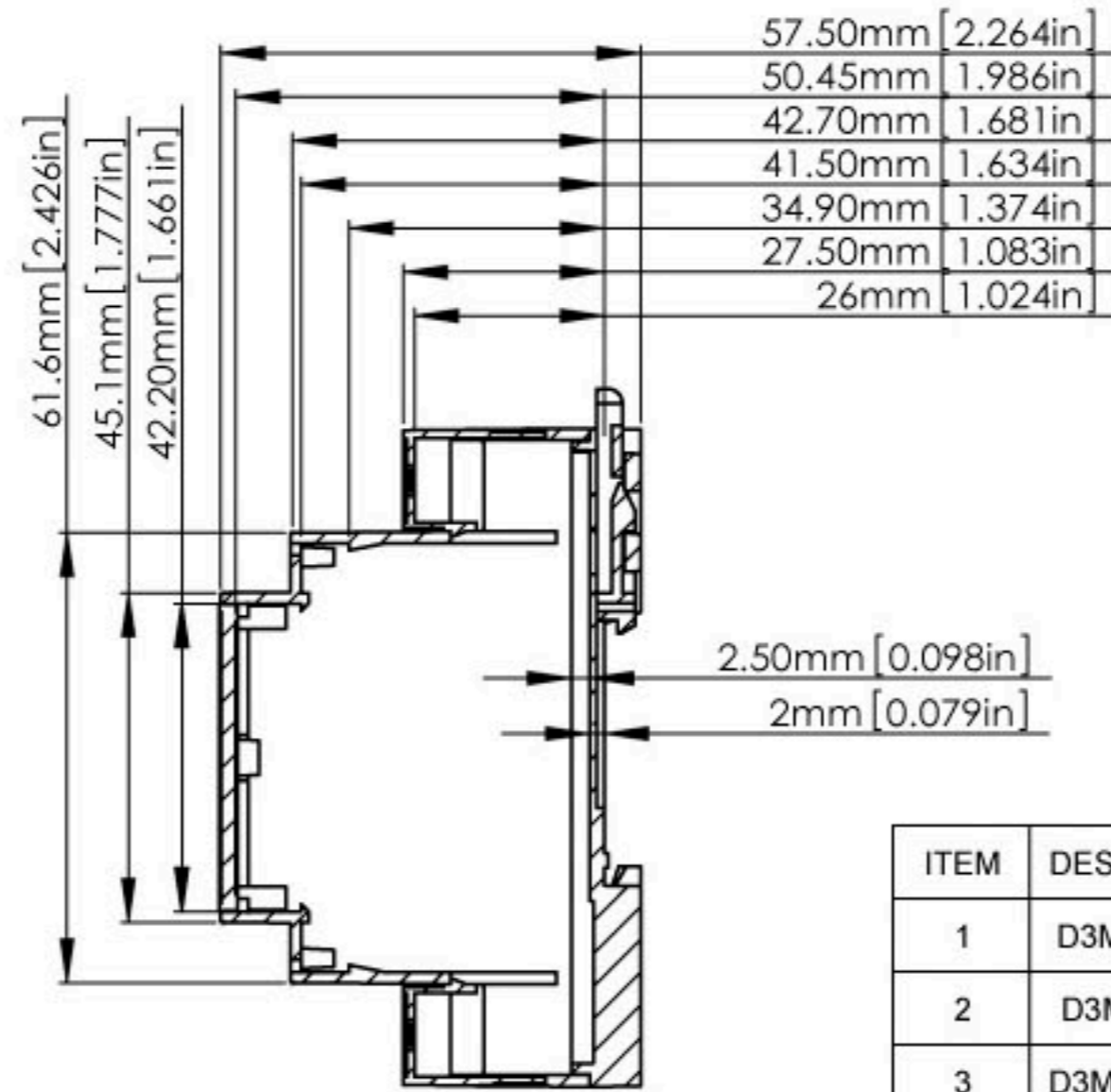
D3MG



SECTION A-A
SCALE 1 : 1



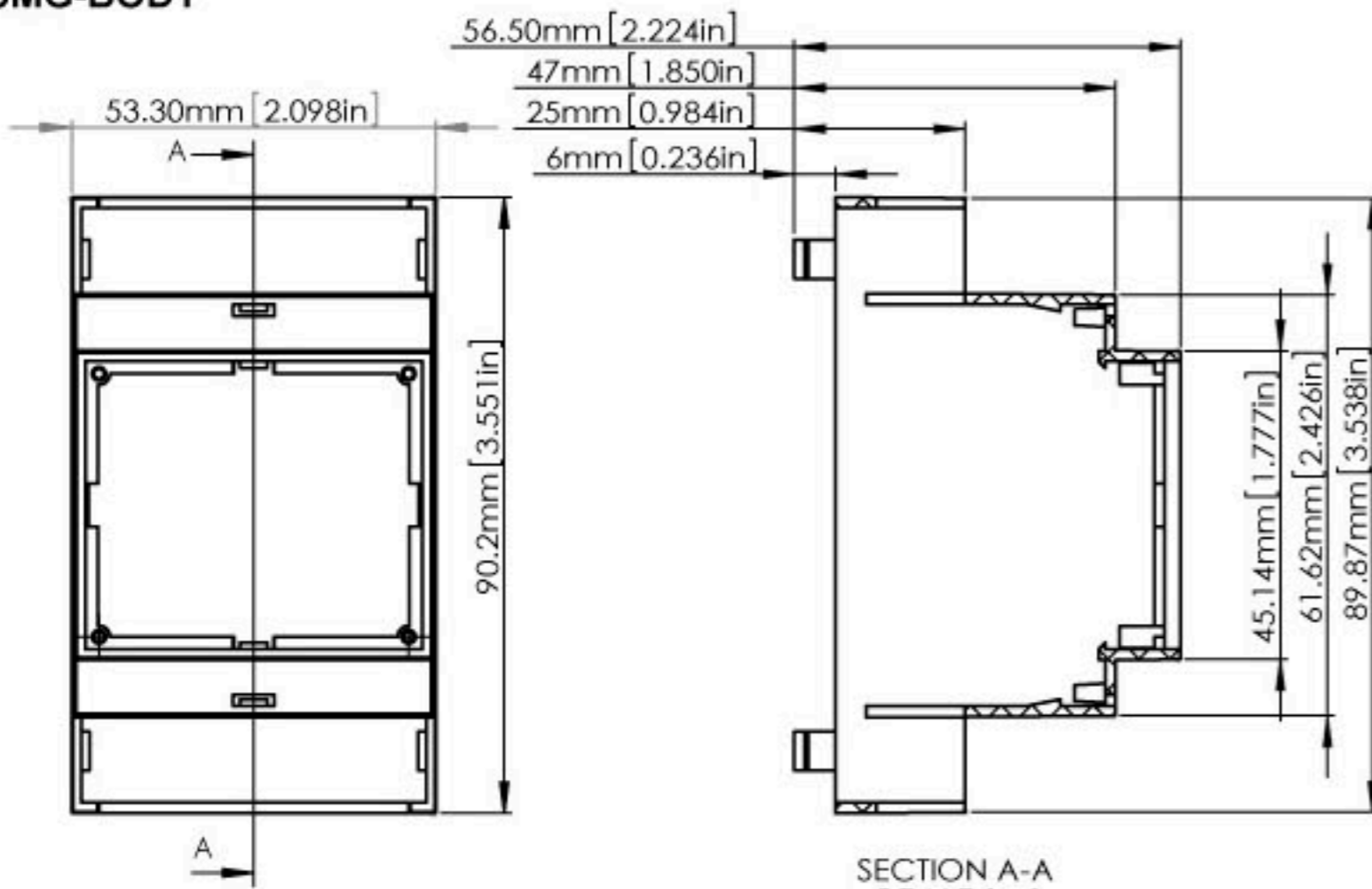
ASSEMBLY



SECTION B-B
SCALE 1 : 1

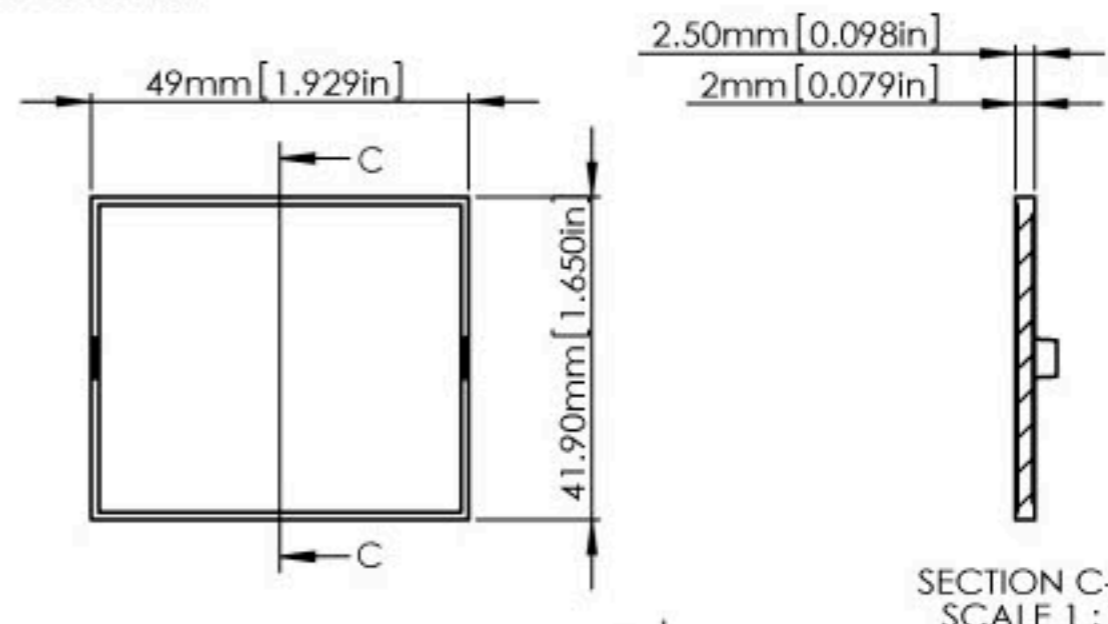
ITEM	DESCRIPTION	MATERIAL	COLOUR	UNIT
1	D3MG-BODY	PC/ABS(UL94-V0)	GREY	1
2	D3MG-BASE	PC/ABS(UL94-V0)	GREY	1
3	D3MG-COVER	PC/ABS(UL94-V0)	GREY	1
4	D3MG-GUARD	PC/ABS(UL94-V0)	GREY	2
5	D3MG-WALL CLIP	NYLON66(UL94-VO)	DARK GREY	1

D3MG-BODY



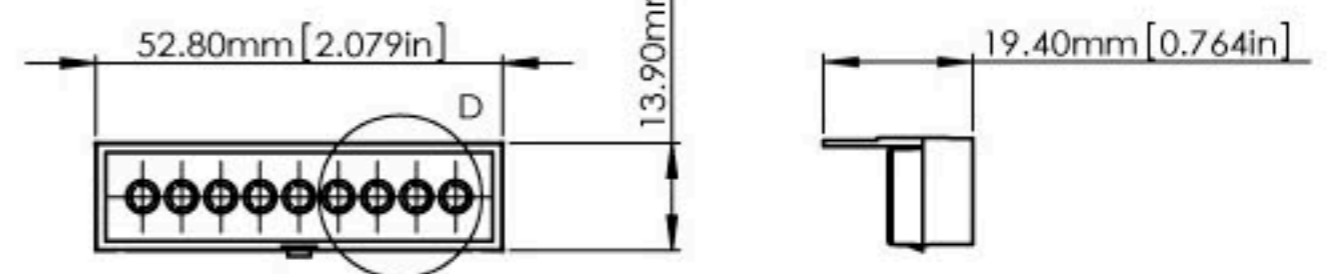
SECTION A-A
SCALE 1 : 1

D3MG-COVER

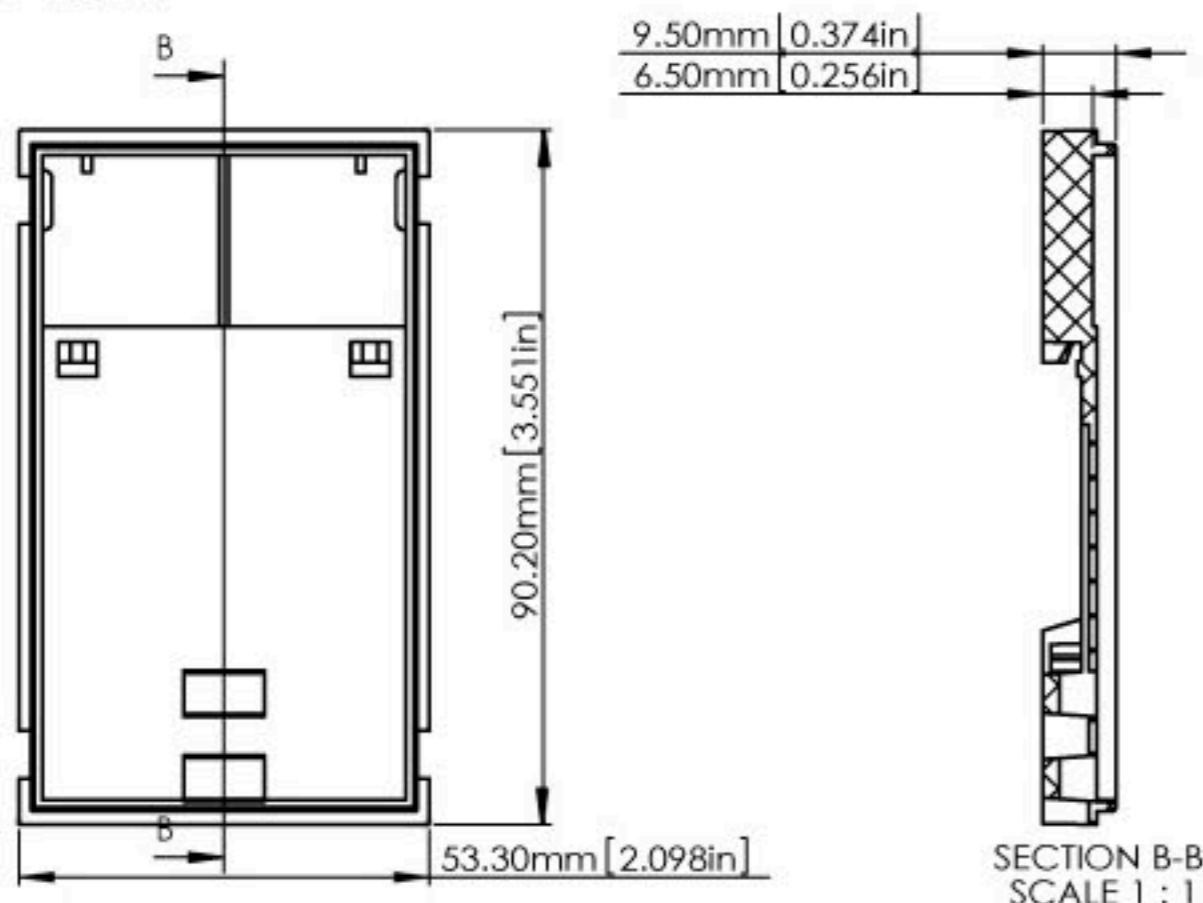


SECTION C-C
SCALE 1 : 1

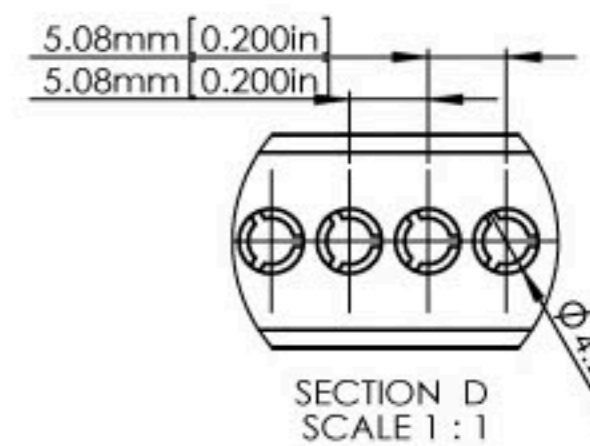
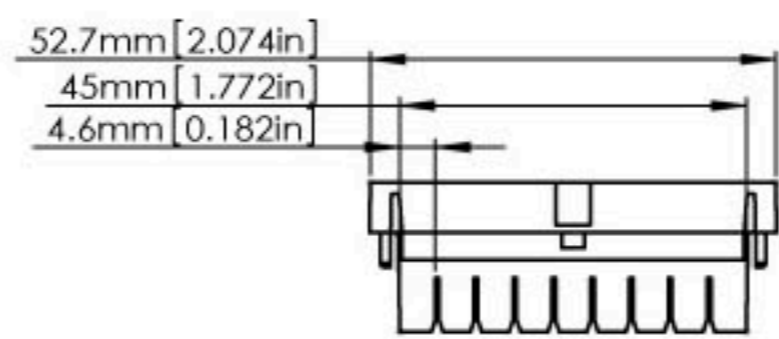
D3MG-GUARD



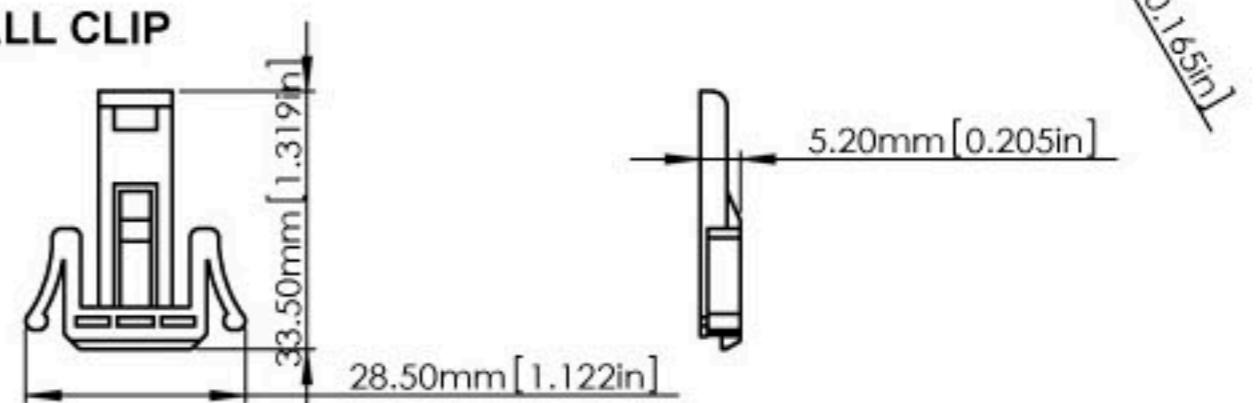
D3MG-BASE



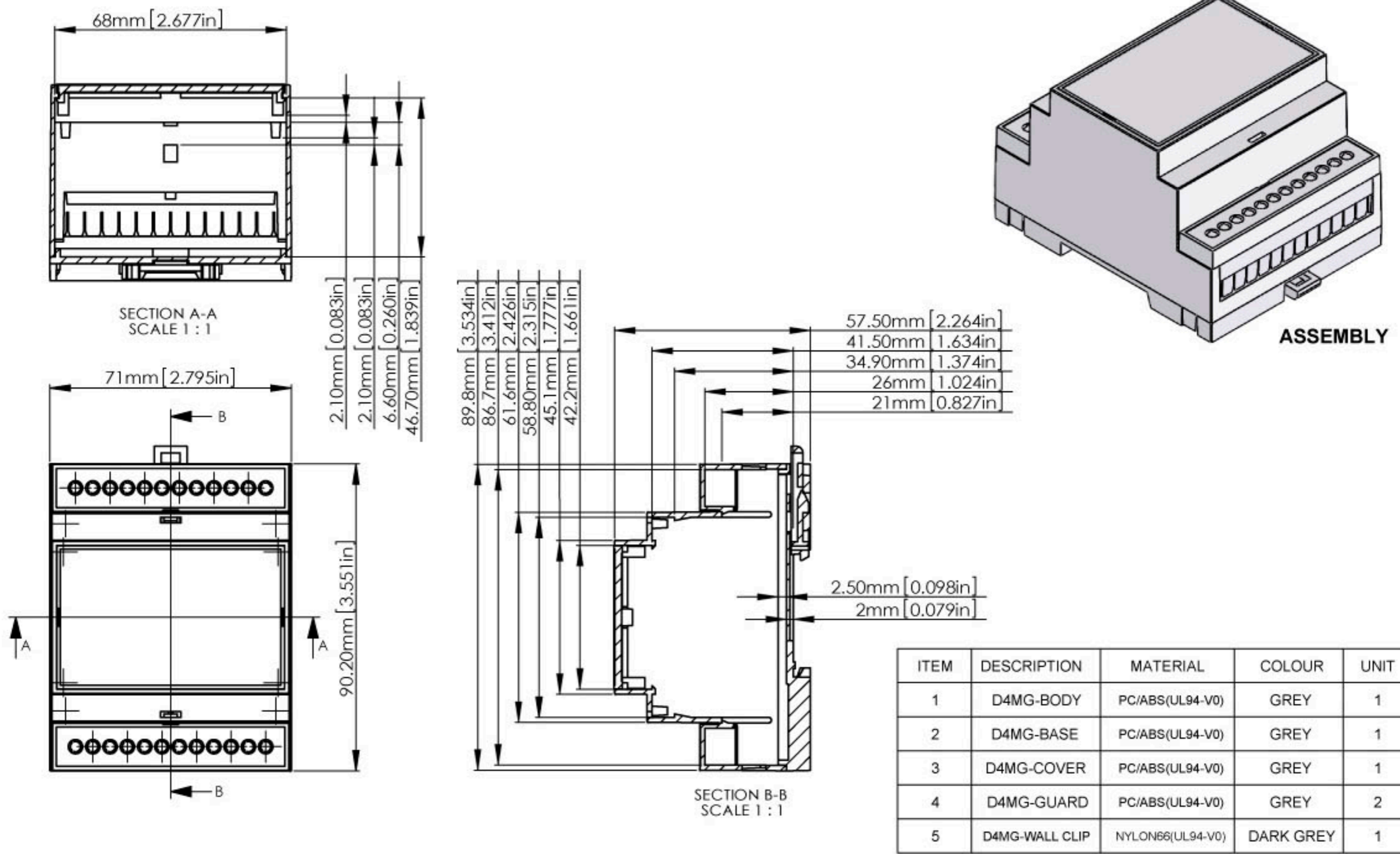
SECTION B-B
SCALE 1 : 1



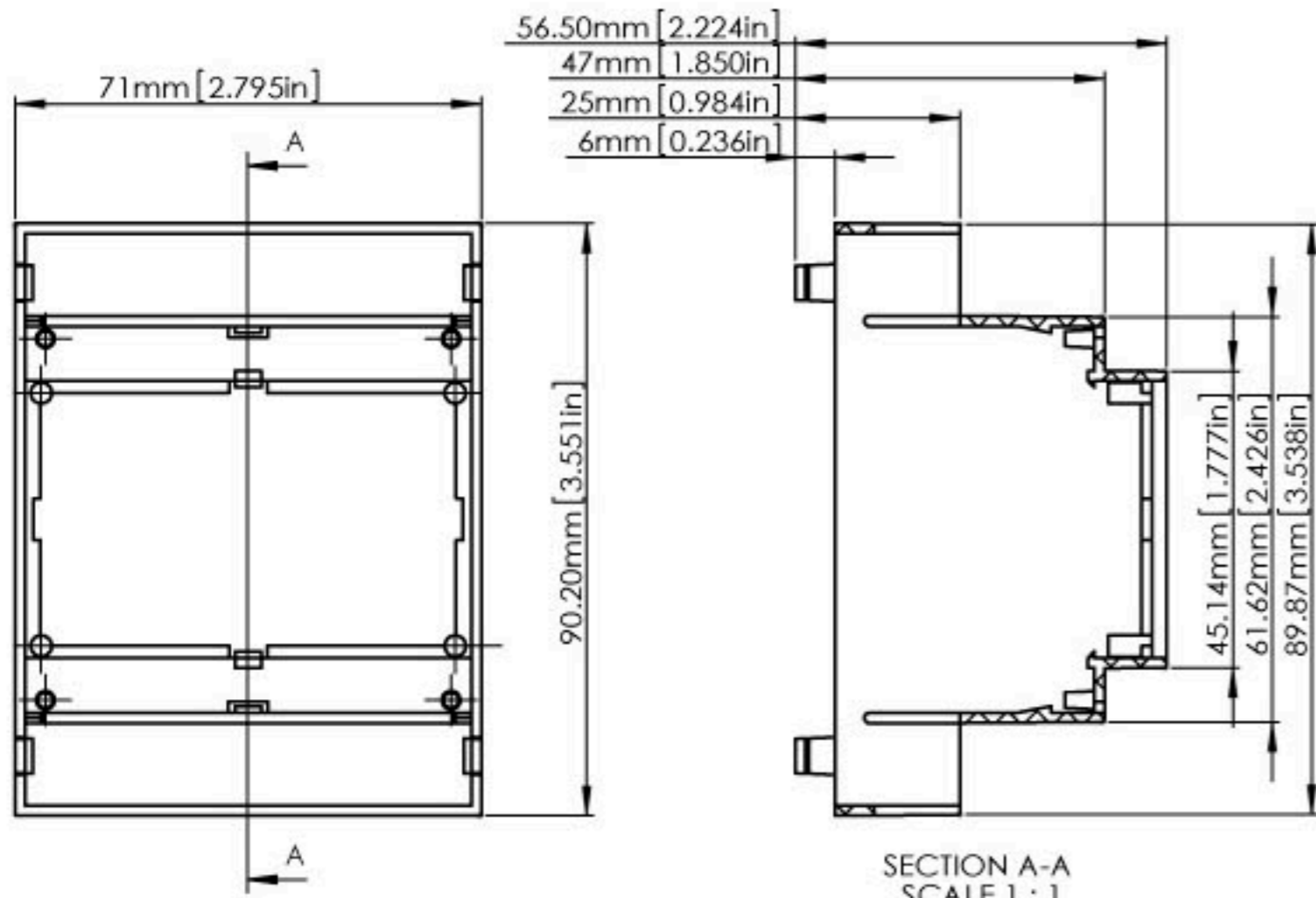
D3MG-WALL CLIP



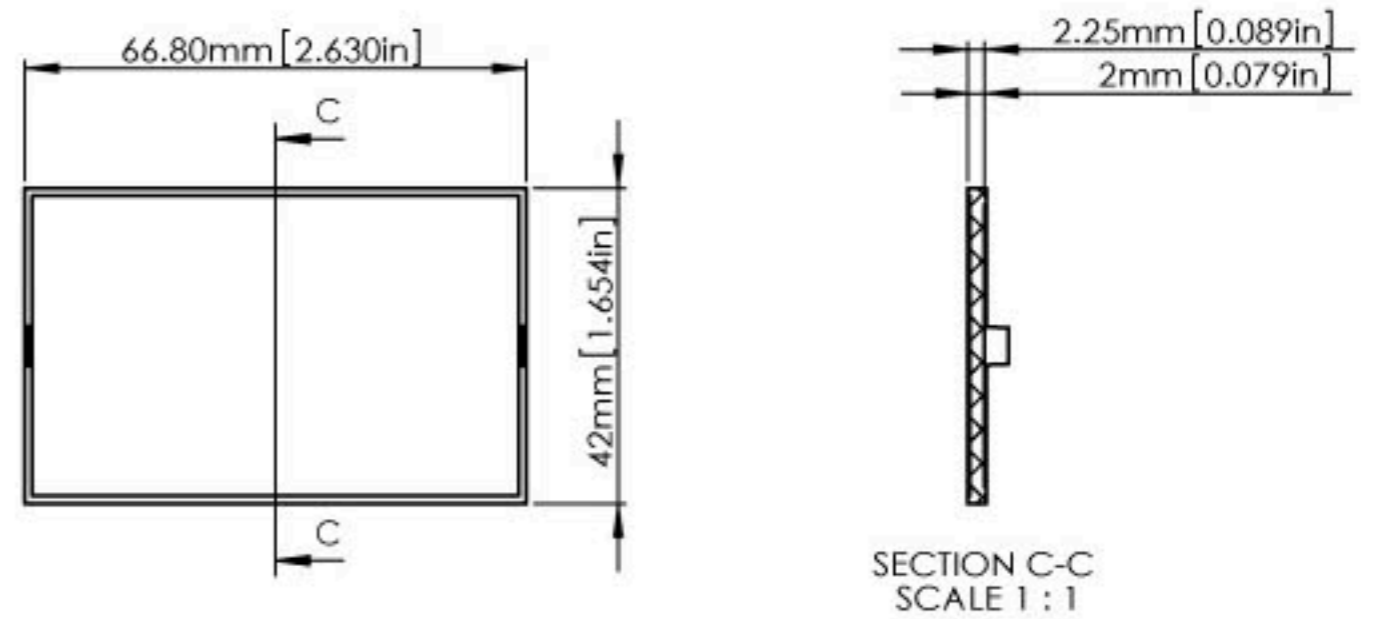
D4MG



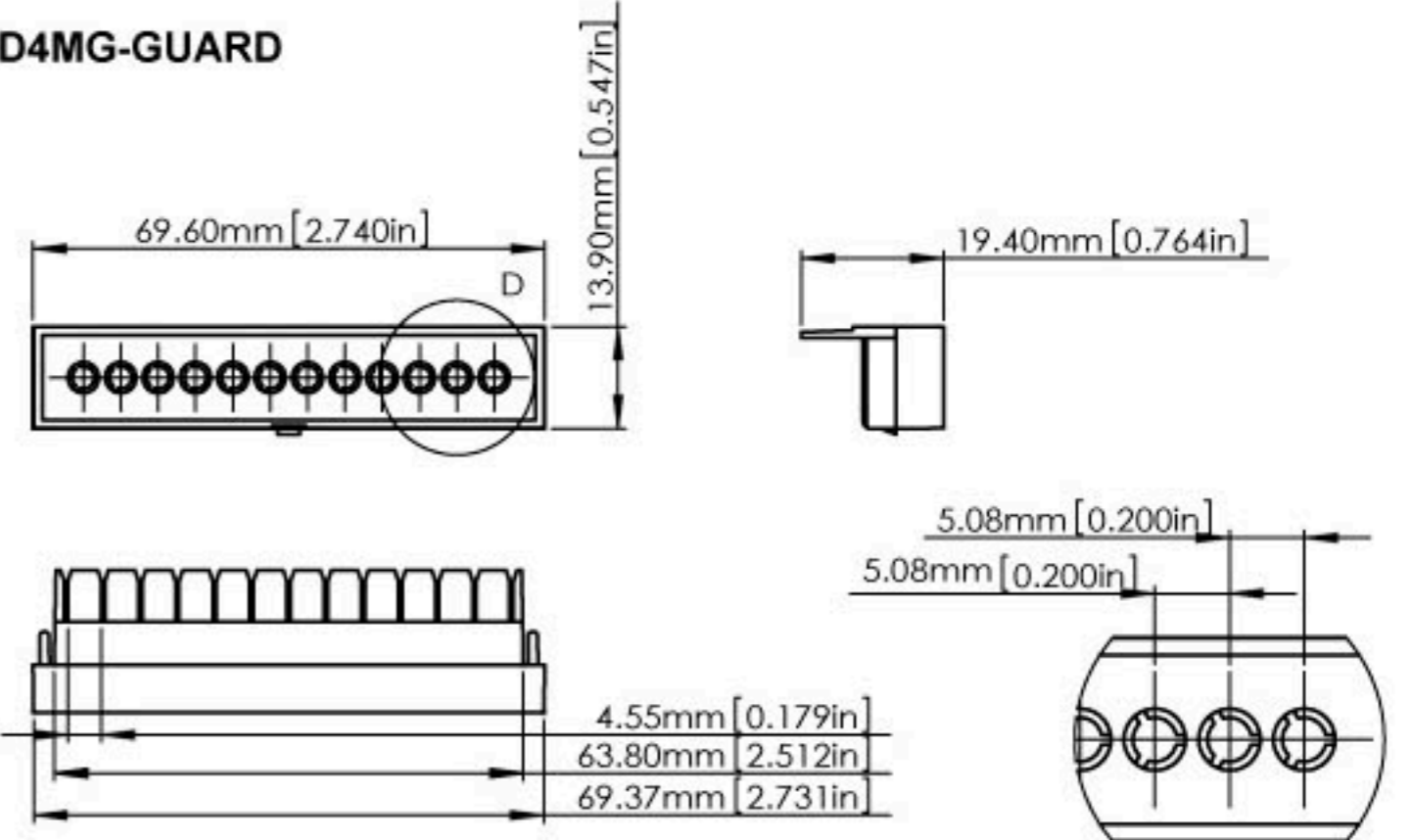
D4MG-BODY



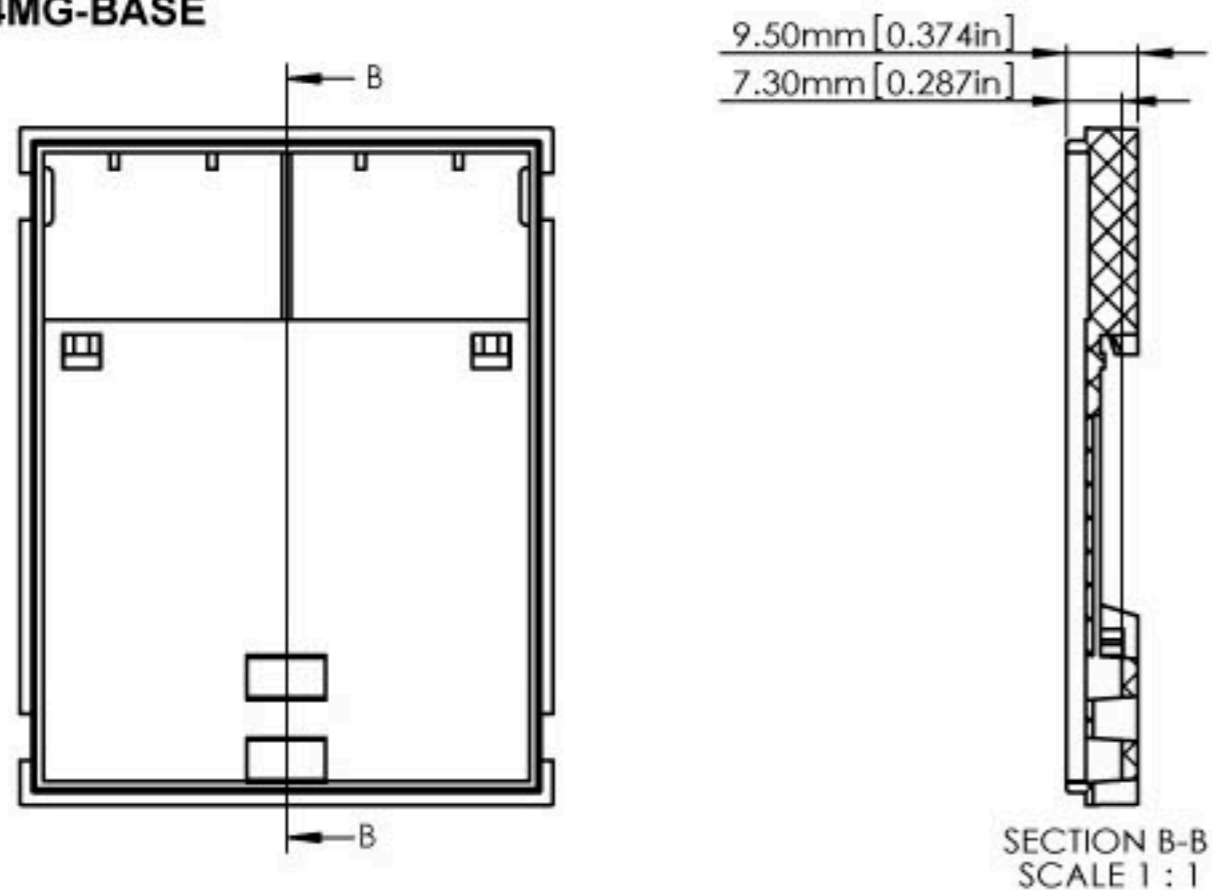
D4MG-COVER



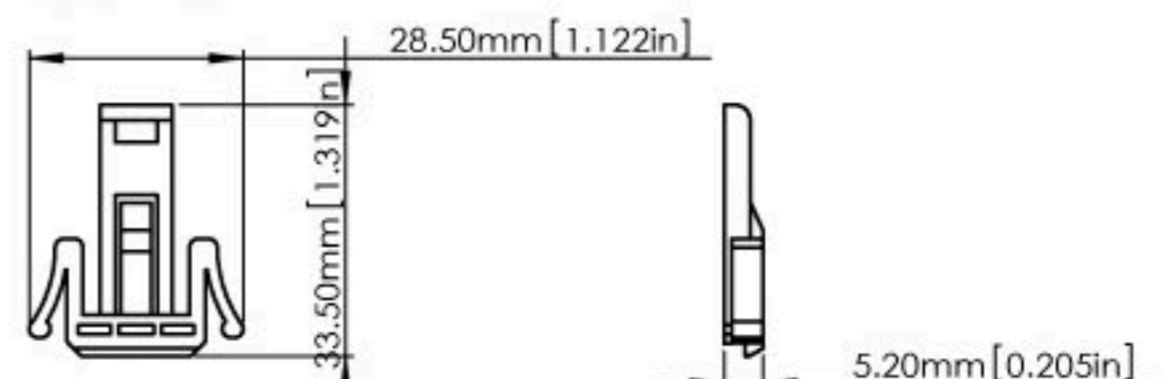
D4MG-GUARD



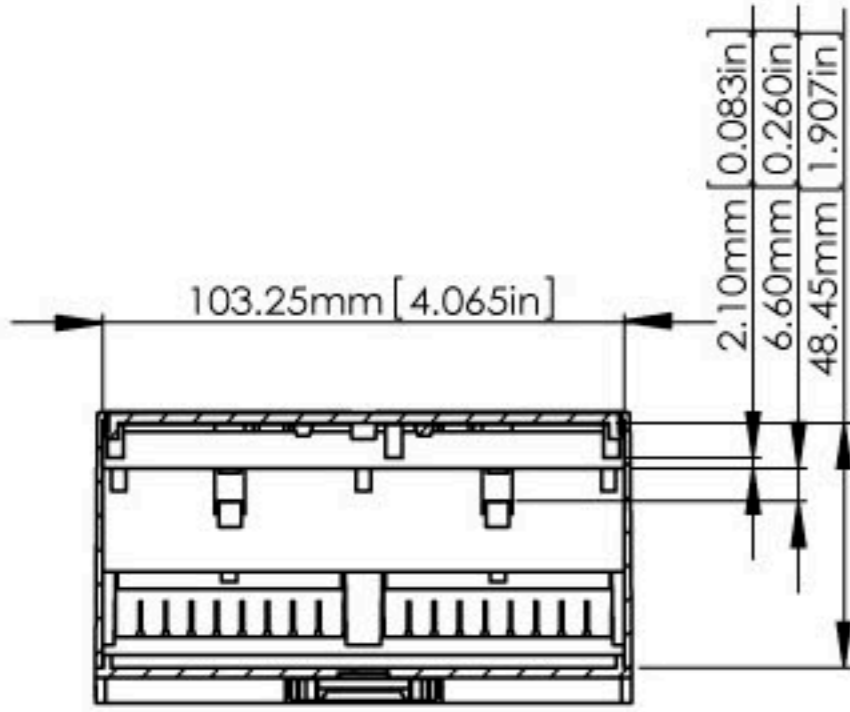
D4MG-BASE



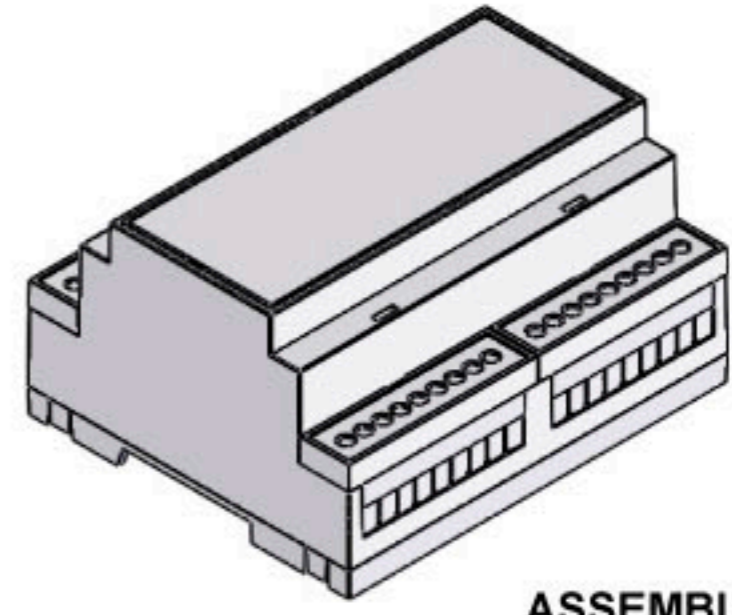
D4MG-WALL CLIP



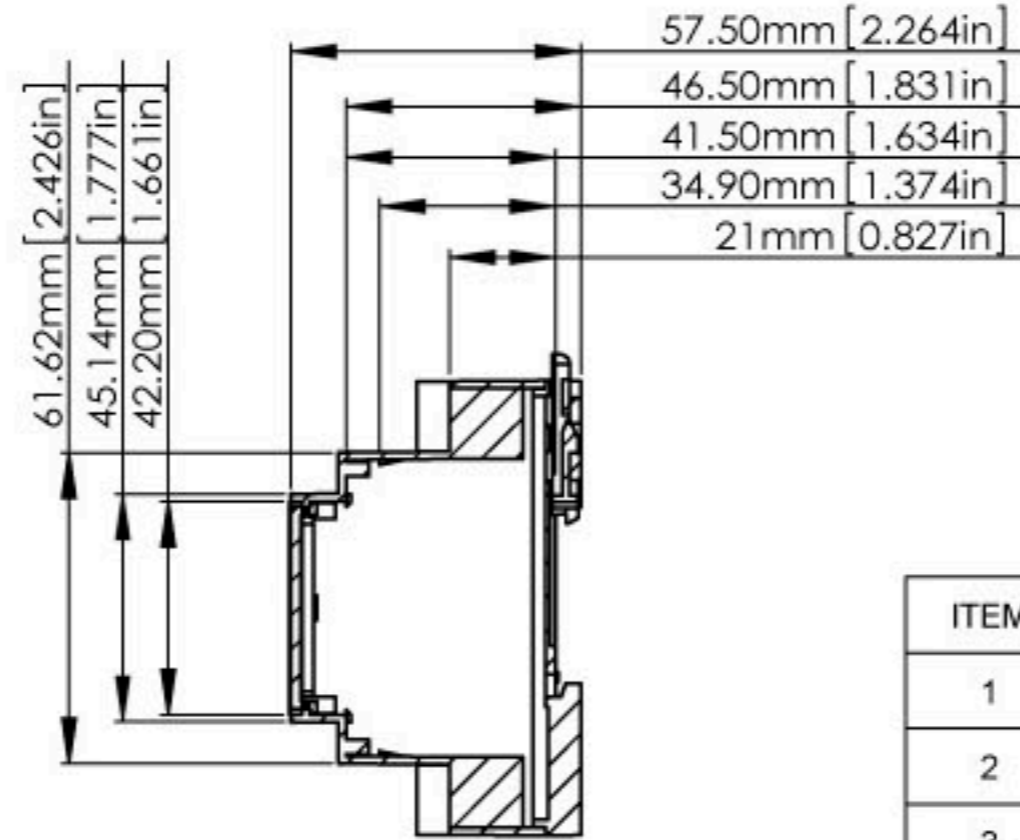
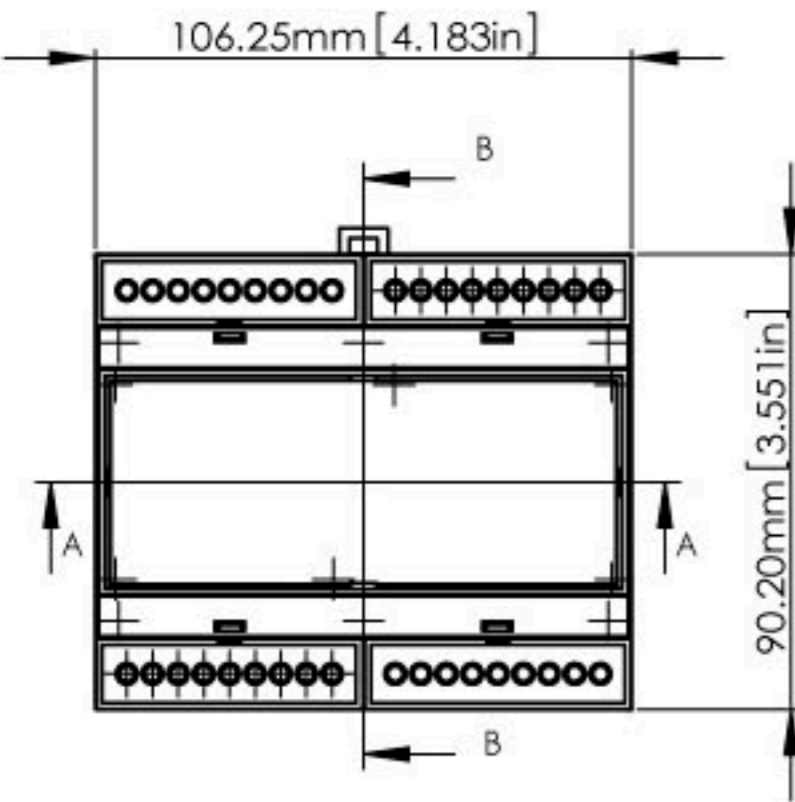
D6MG



SECTION A-A
SCALE 2 : 3



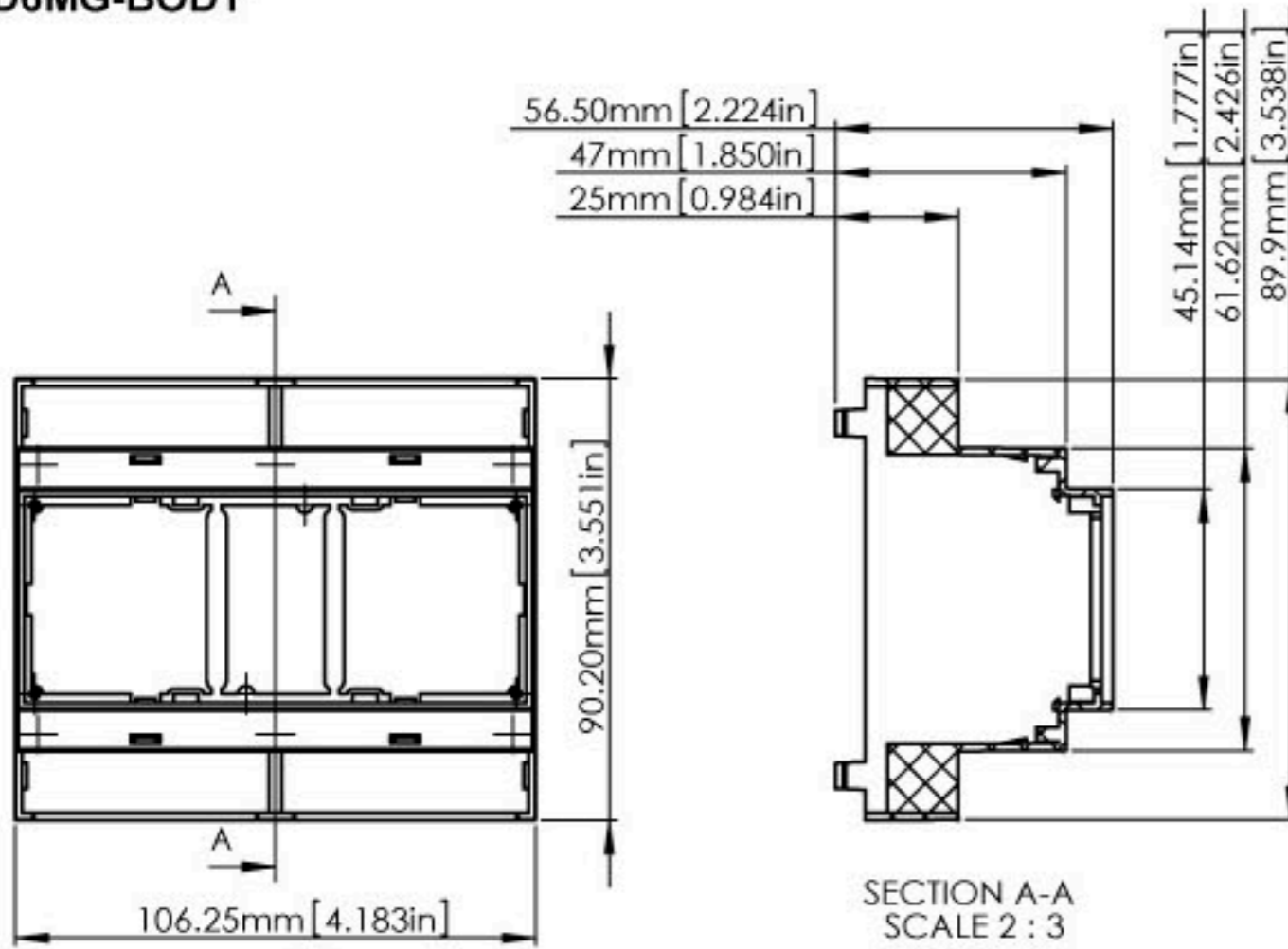
ASSEMBLY



SECTION B-B
SCALE 2 : 3

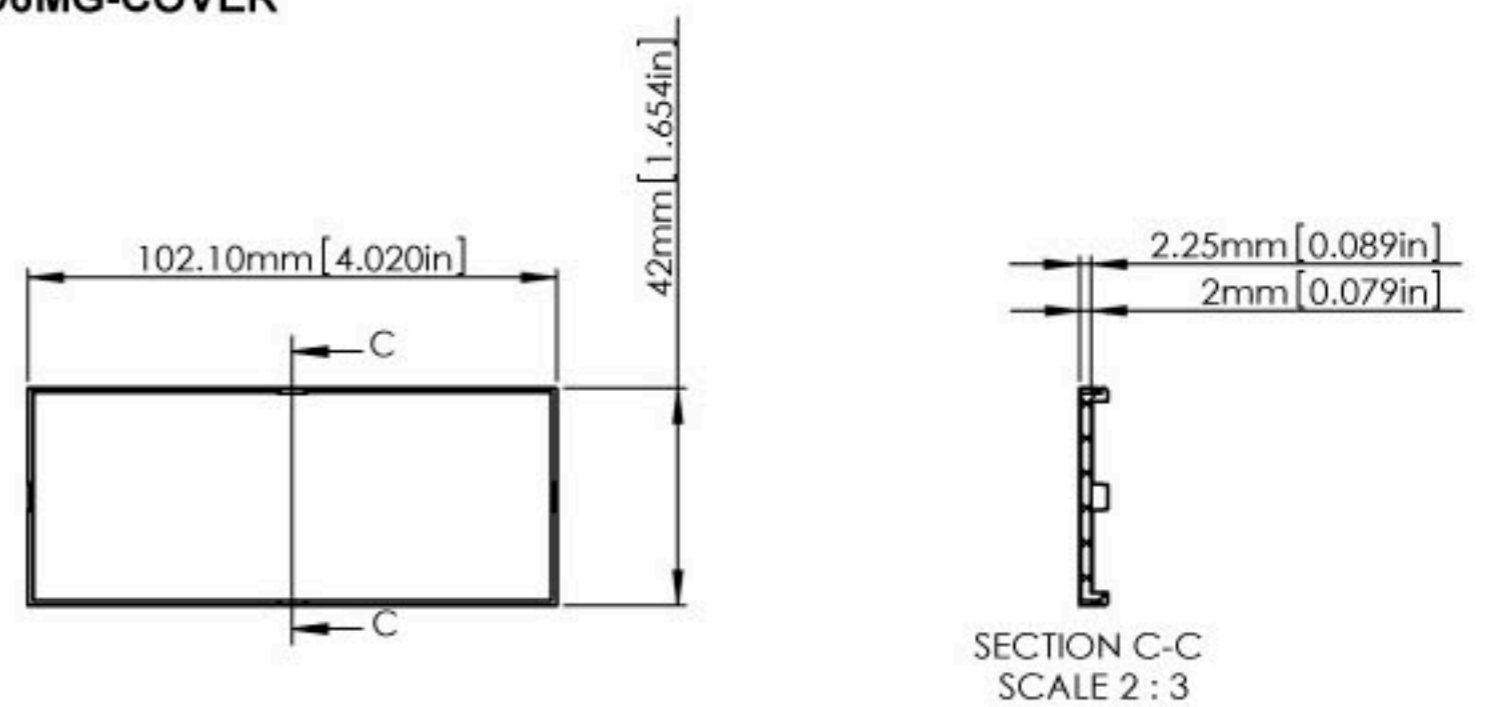
ITEM	DESCRIPTION	MATERIAL	COLOUR	UNIT
1	D6MG-BODY	PC/ABS(UL94-V0)	GREY	1
2	D6MG-BASE	PC/ABS(UL94-V0)	GREY	1
3	D6MG-COVER	PC/ABS(UL94-V0)	GREY	1
4	D6MG-GUARD	PC/ABS(UL94-V0)	GREY	4
5	D6MG-WALL CLIP	NYLON66(UL94-V0)	DARK GREY	1

D6MG-BODY



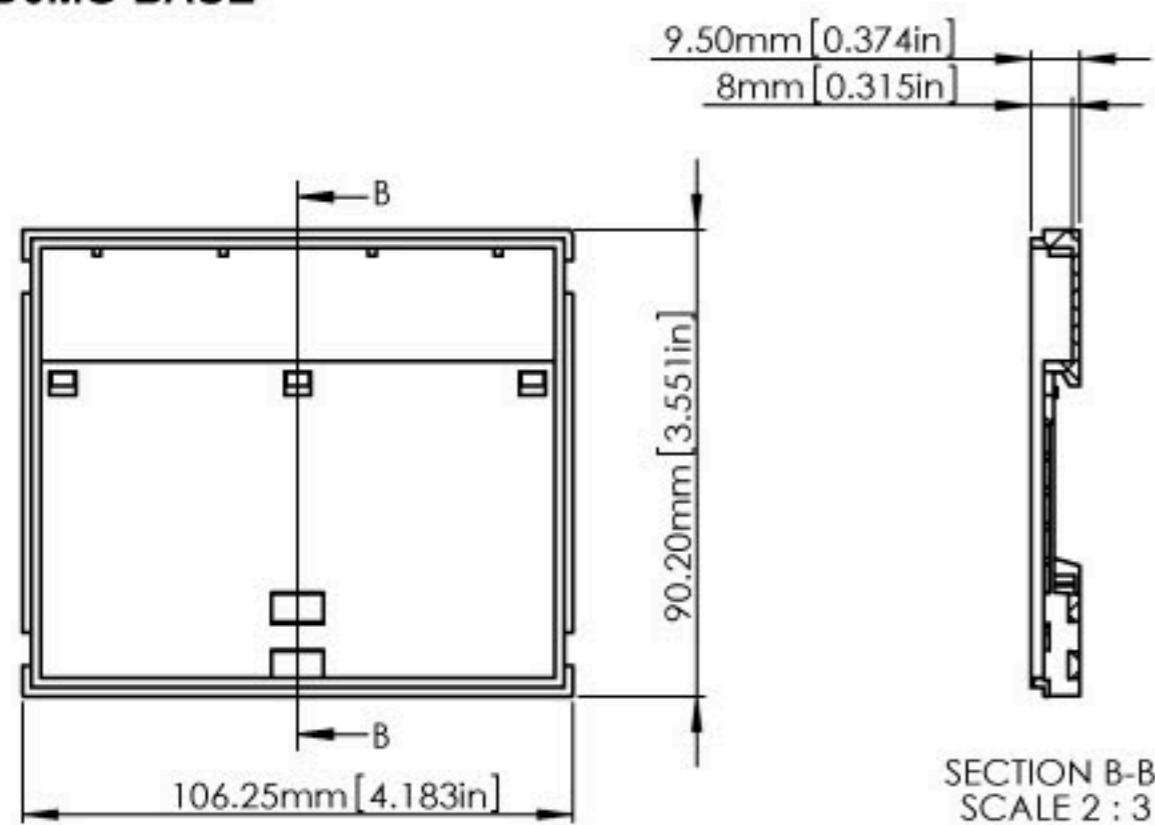
SECTION A-A
SCALE 2 : 3

D6MG-COVER



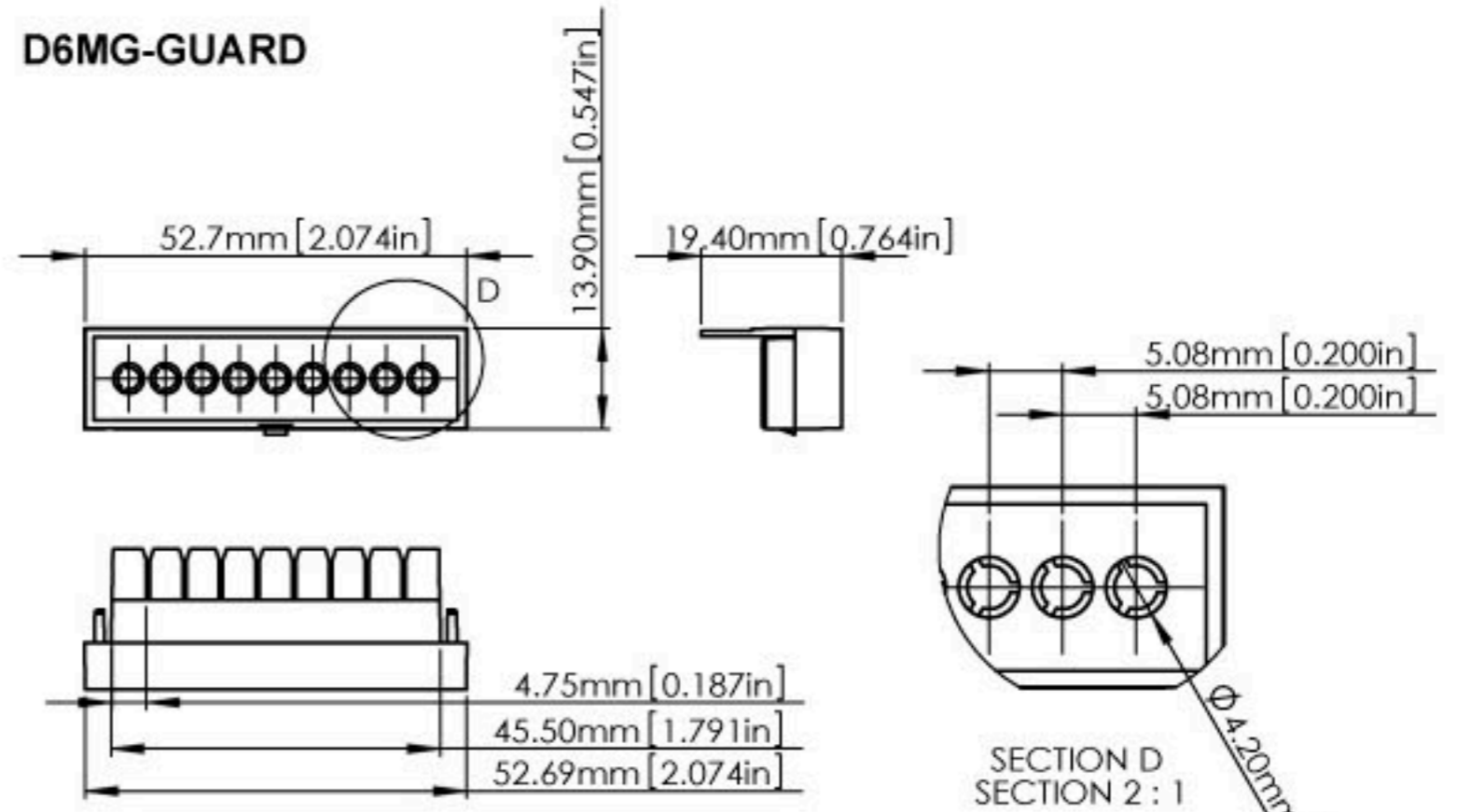
SECTION C-C
SCALE 2 : 3

D6MG-BASE



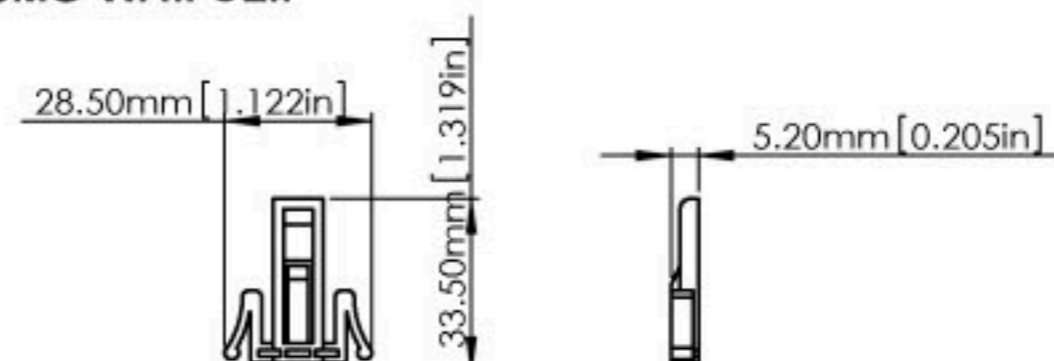
SECTION B-B
SCALE 2 : 3

D6MG-GUARD

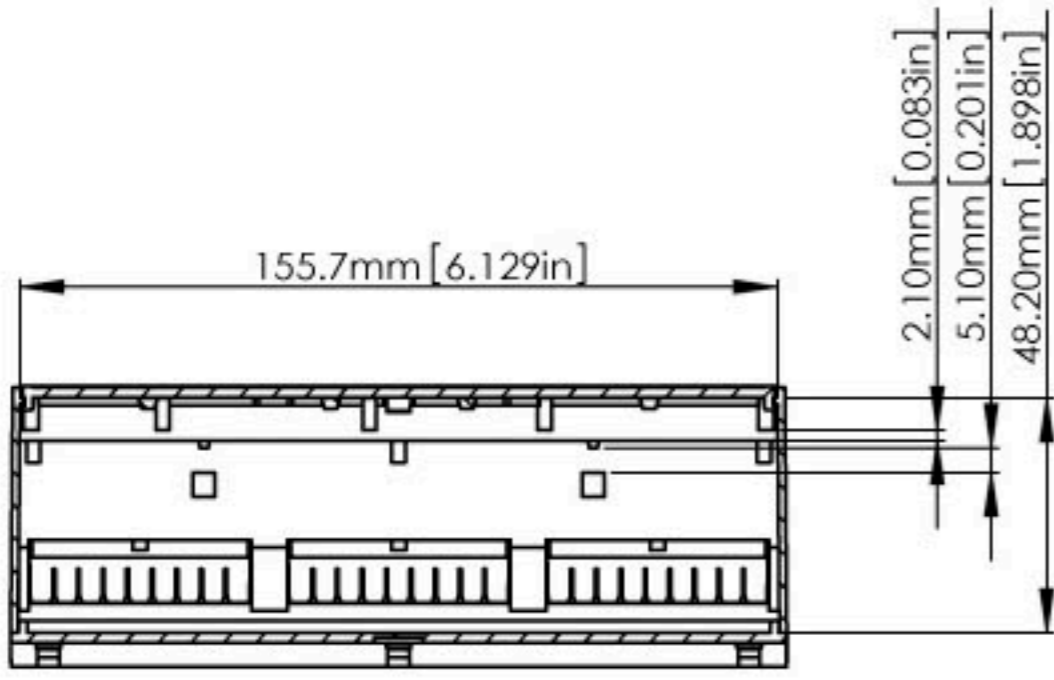


SECTION D
SECTION 2 : 1

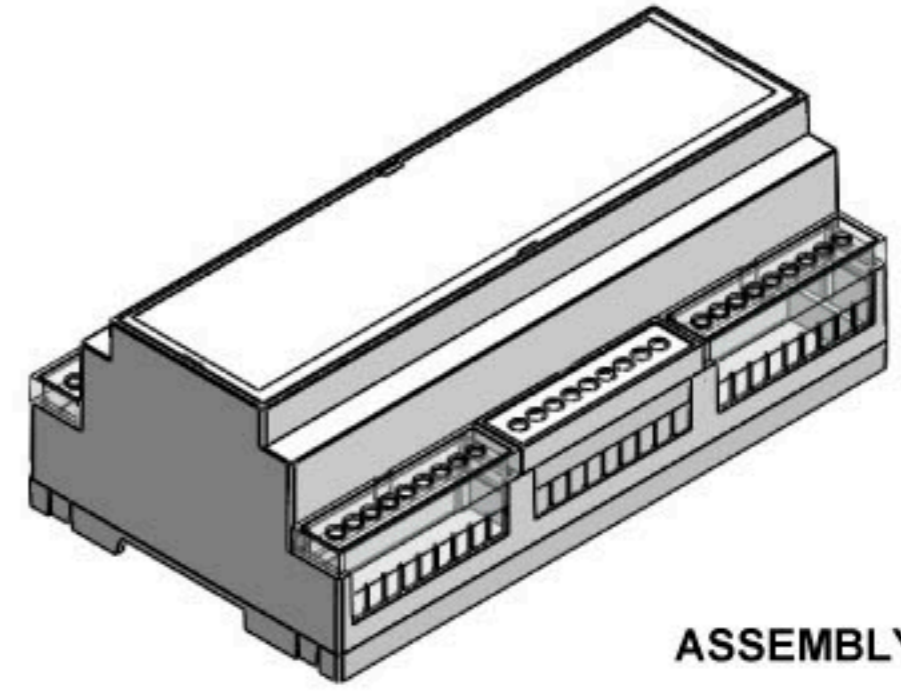
D6MG-WALL CLIP



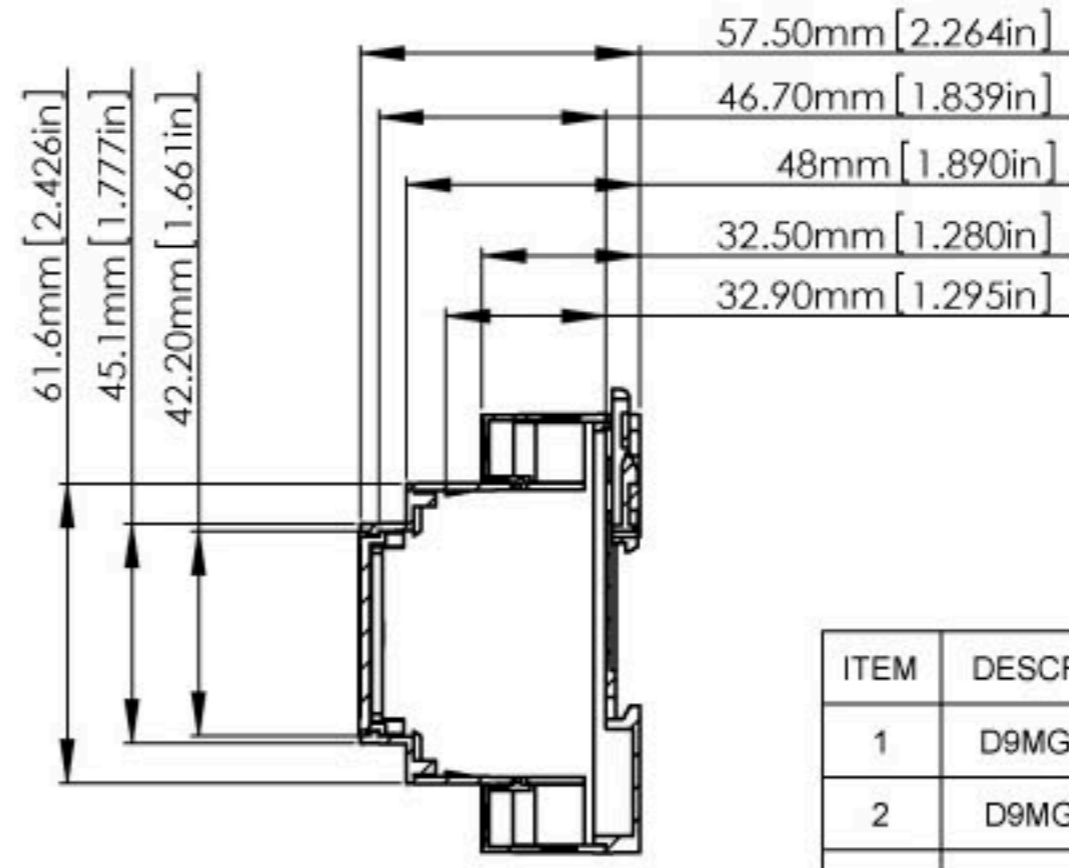
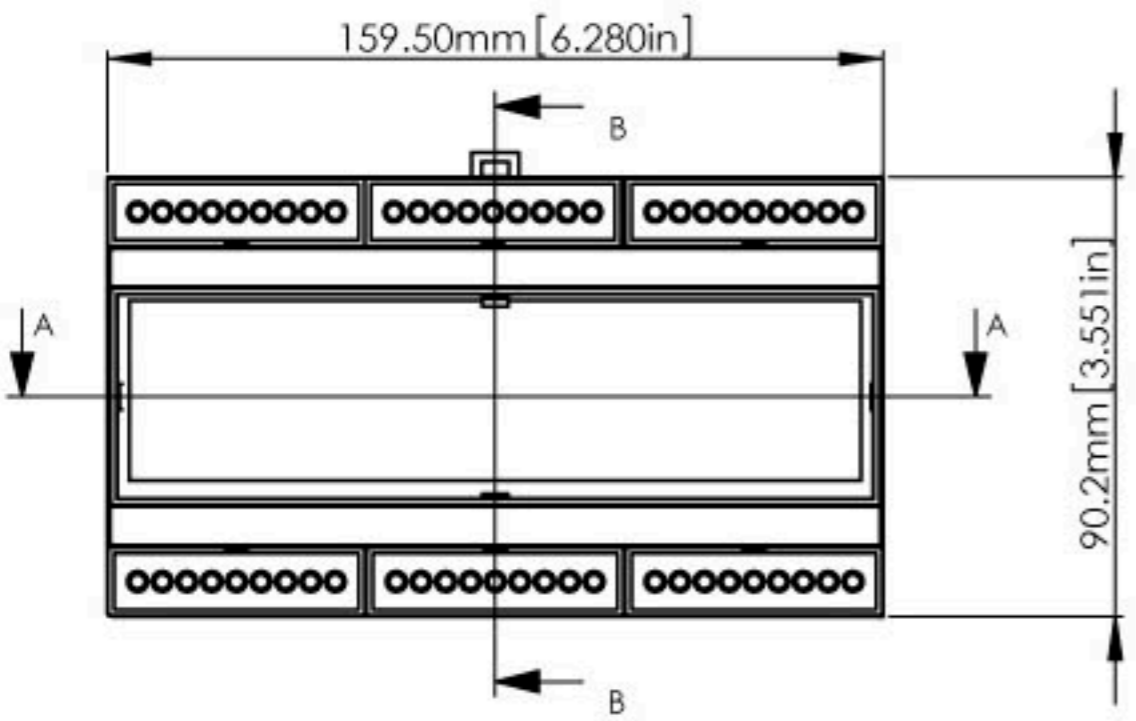
D9MG



SECTION A-A
SCALE 2 : 3



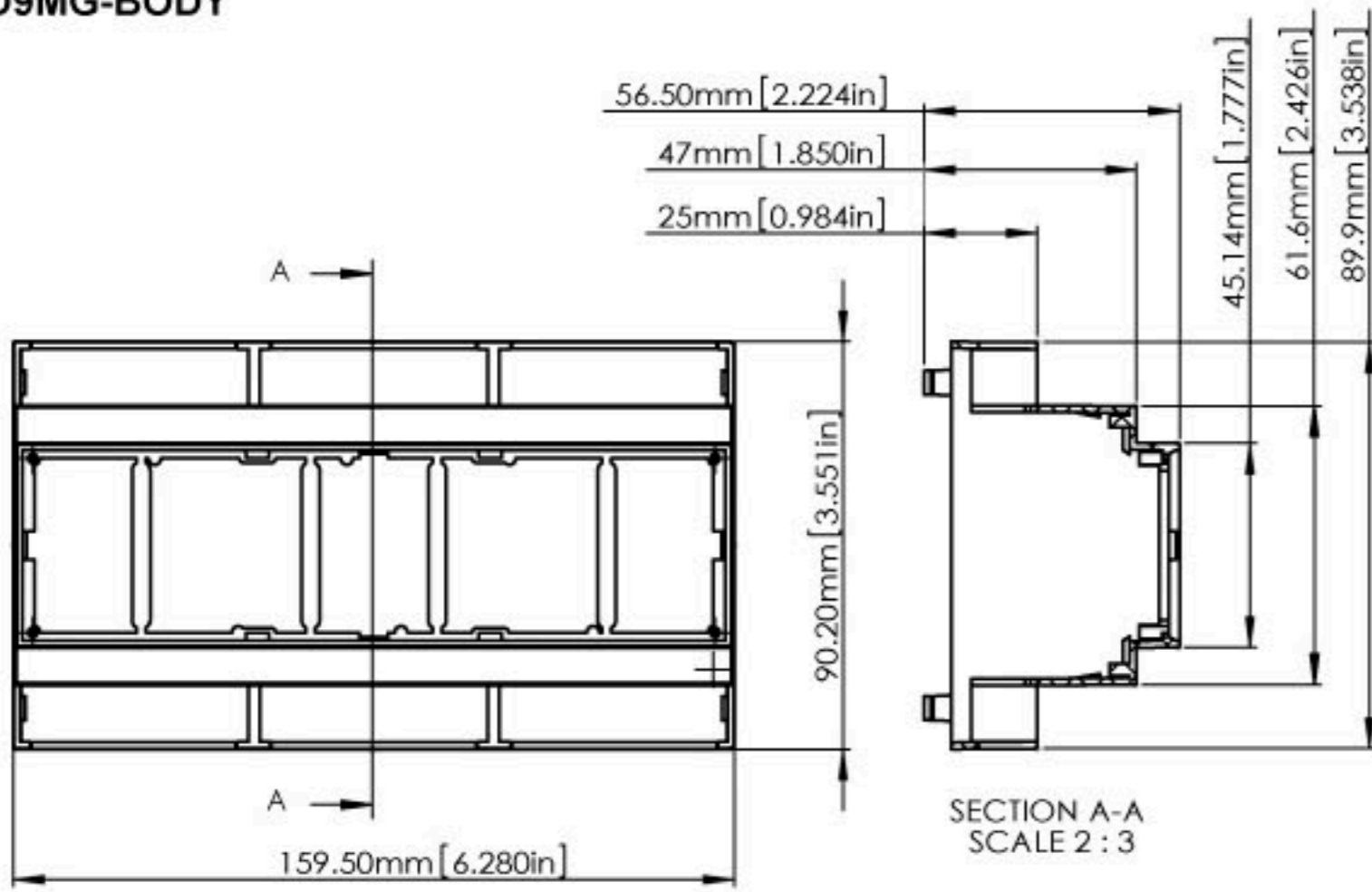
ASSEMBLY



SECTION B-B
SCALE 2 : 3

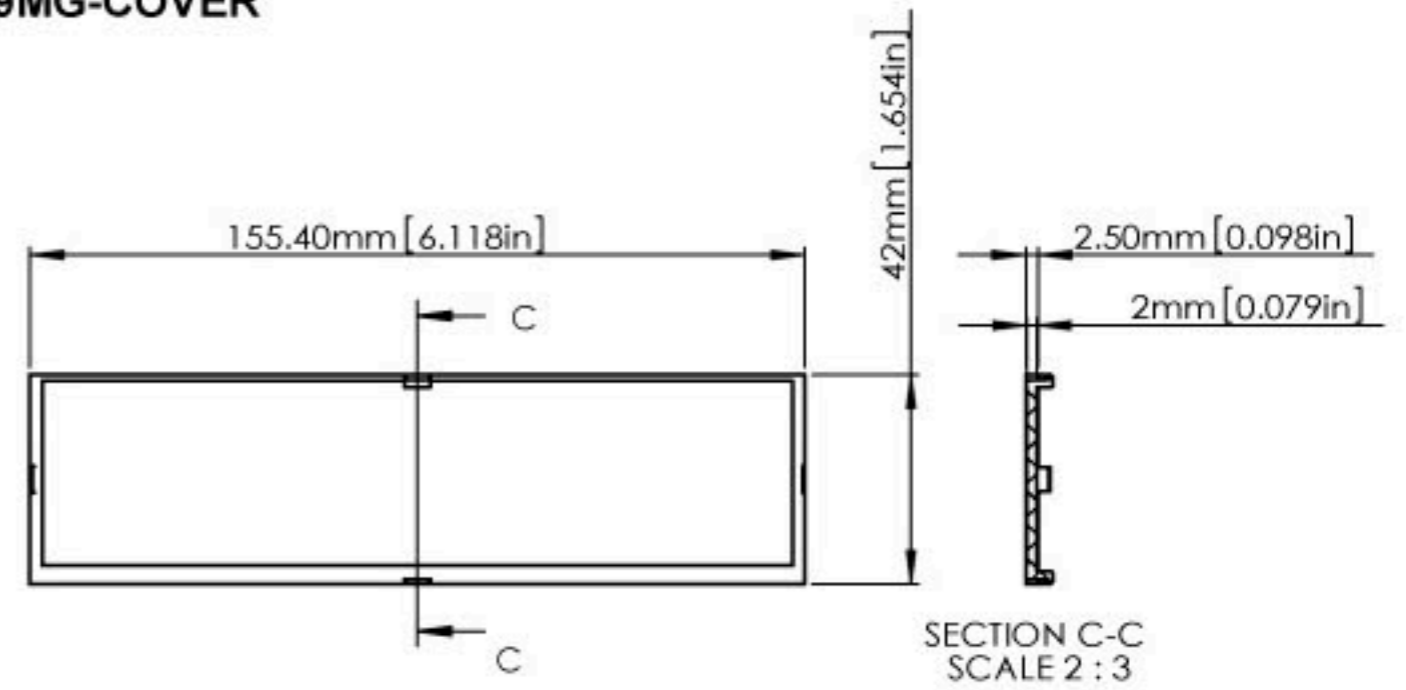
ITEM	DESCRIPTION	MATERIAL	COLOUR	UNIT
1	D9MG-BODY	PC/ABS(UL94-V0)	GREY	1
2	D9MG-BASE	PC/ABS(UL94-V0)	GREY	1
3	D9MG-COVER	PC/ABS(UL94-V0)	GREY	1
4	D9MG-GUARD	PC/ABS(UL94-V0)	GREY	6
5	D9MG-WALL CLIP	NYLON66(UL94-V0)	DARK GREY	1

D9MG-BODY



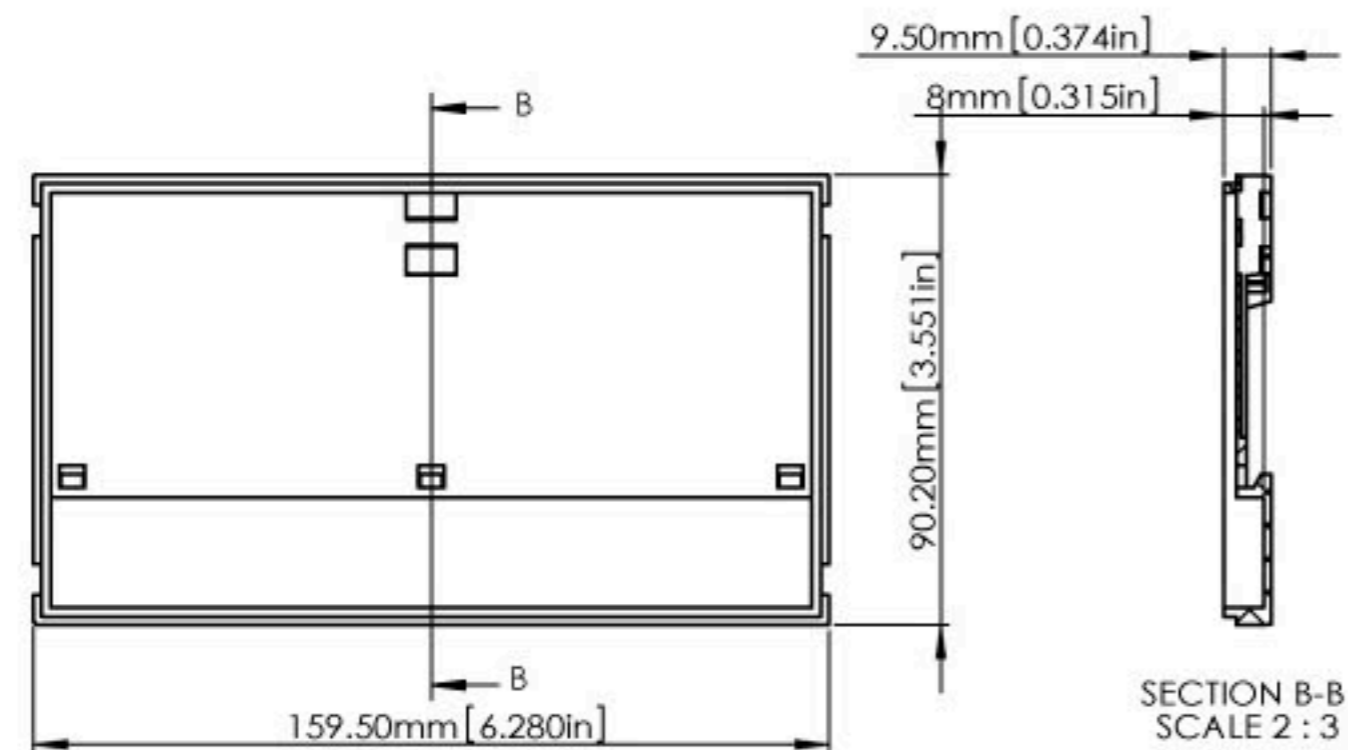
SECTION A-A
SCALE 2 : 3

D9MG-COVER



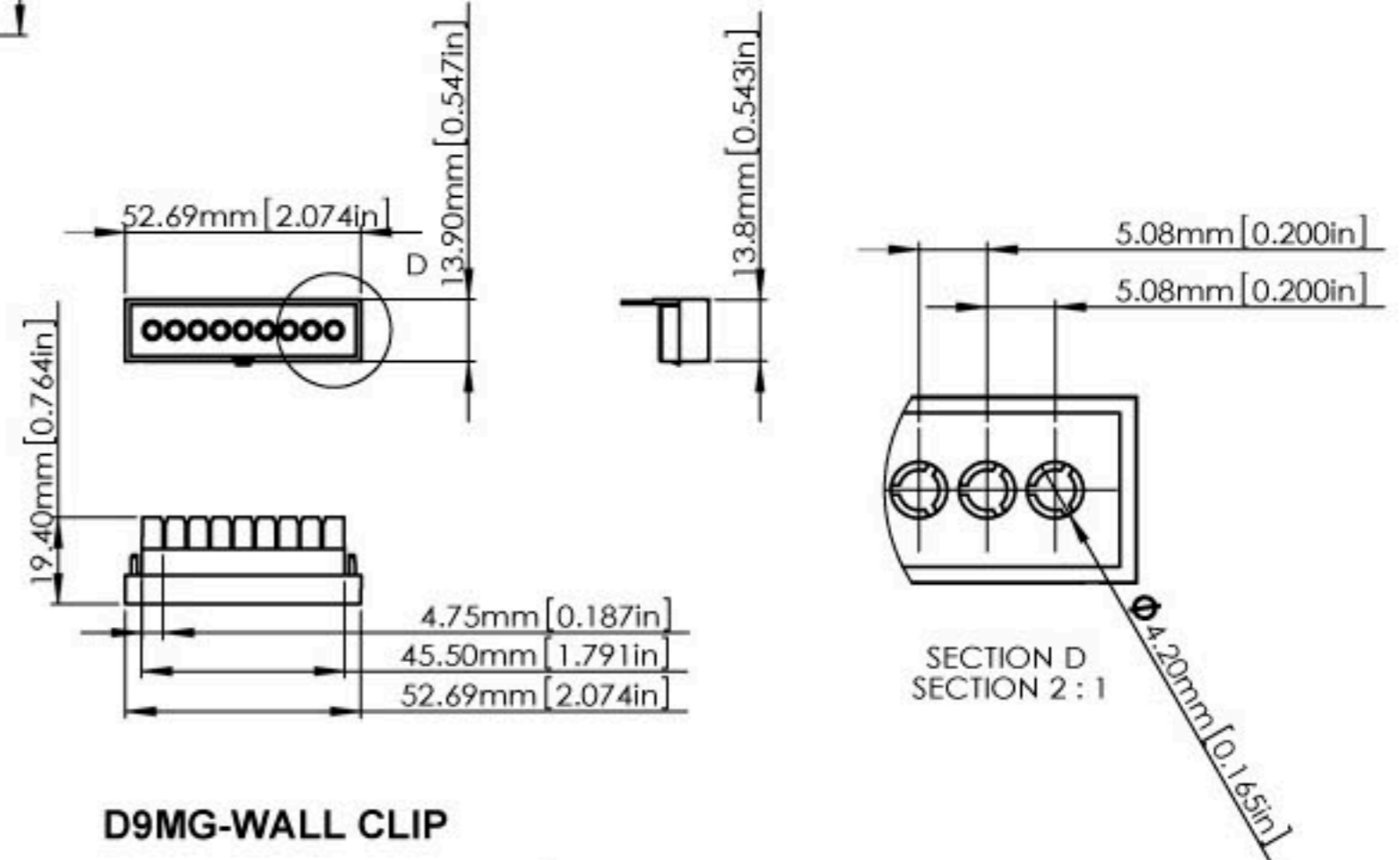
SECTION C-C
SCALE 2 : 3

D9MG-BASE



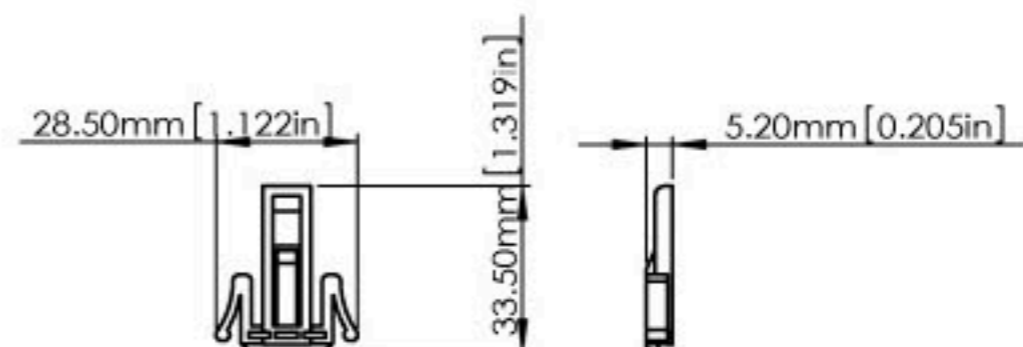
SECTION B-B
SCALE 2 : 3

D9MG-GUARD



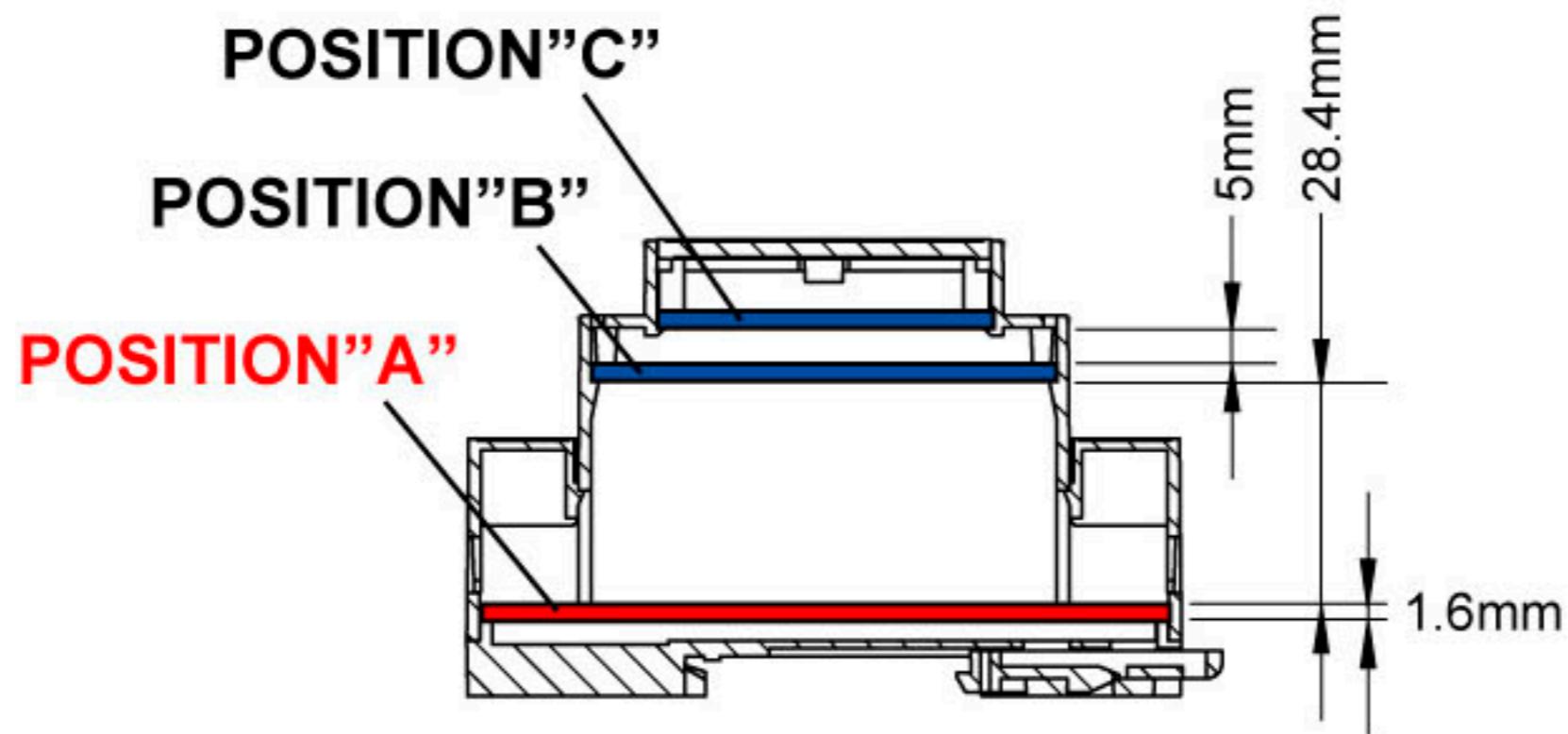
SECTION D
SECTION 2 : 1

D9MG-WALL CLIP

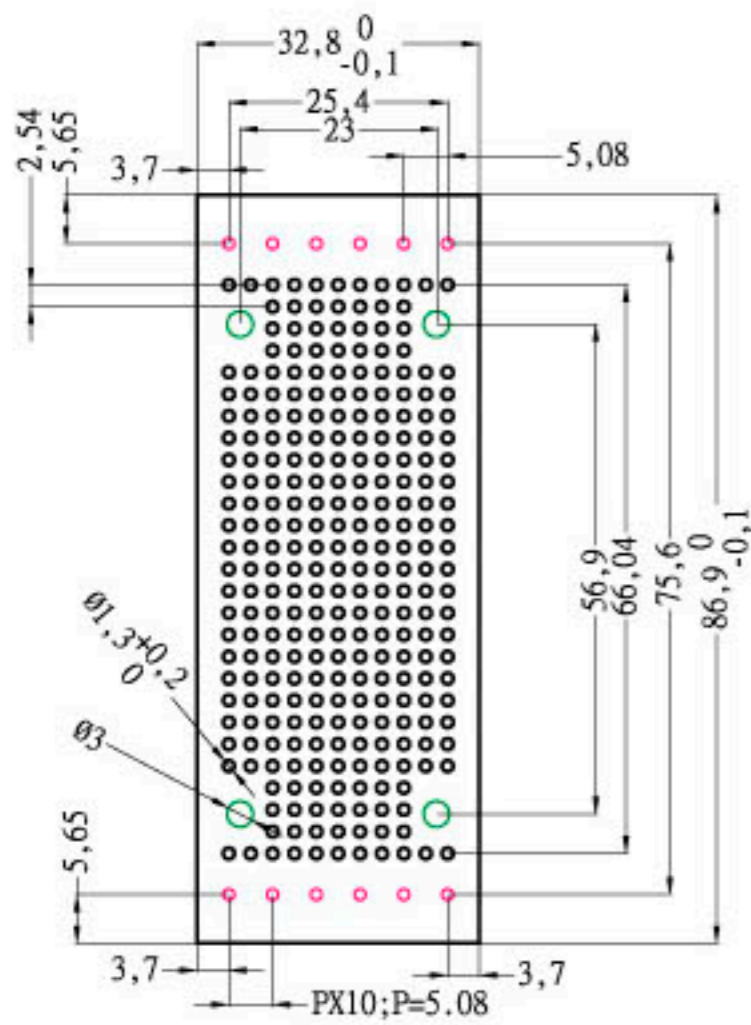


RECOMMENDED CIRCUIT BOARD LAYOUT

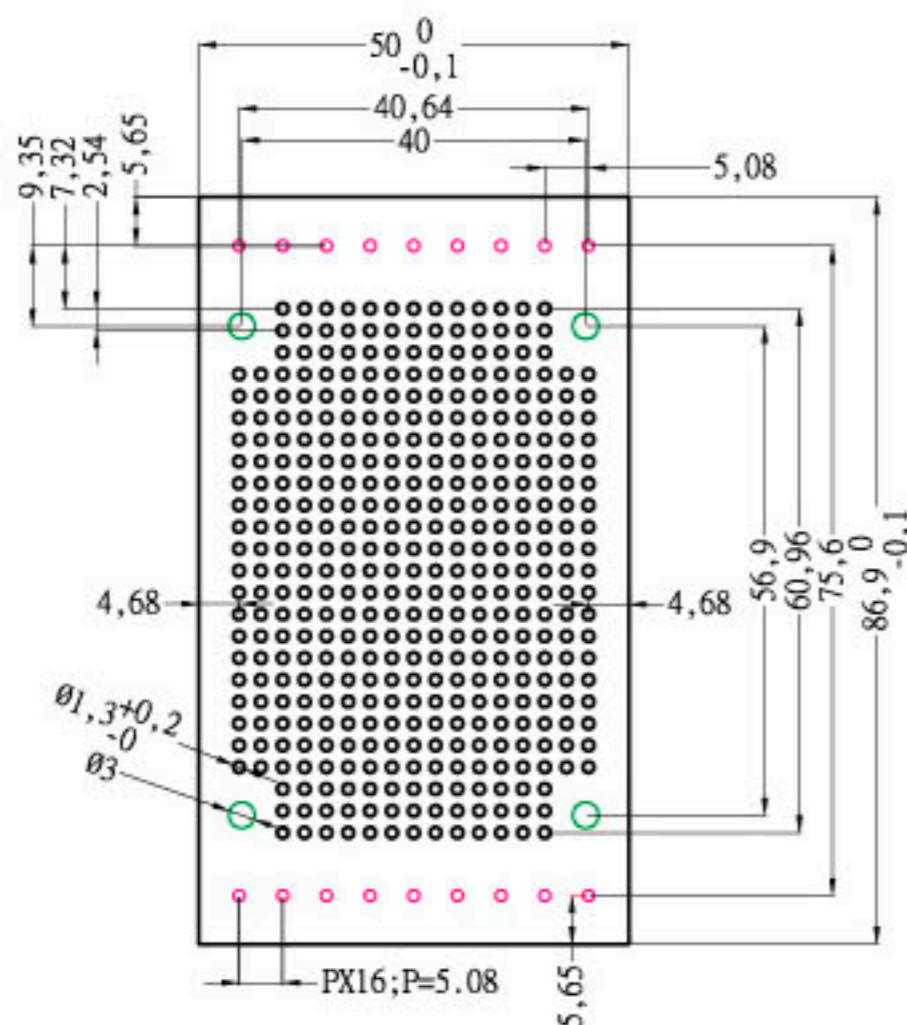
<PCB position "A">



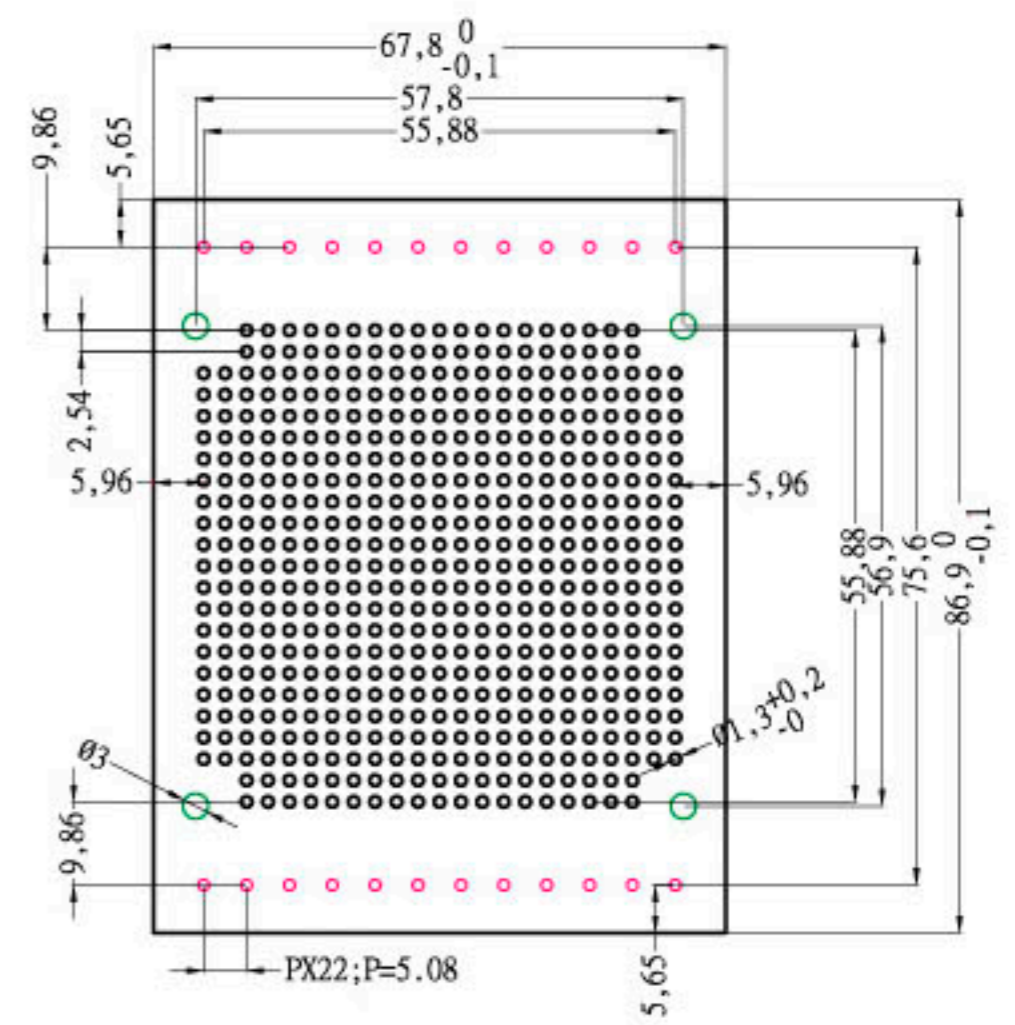
D2MG-PCB-A



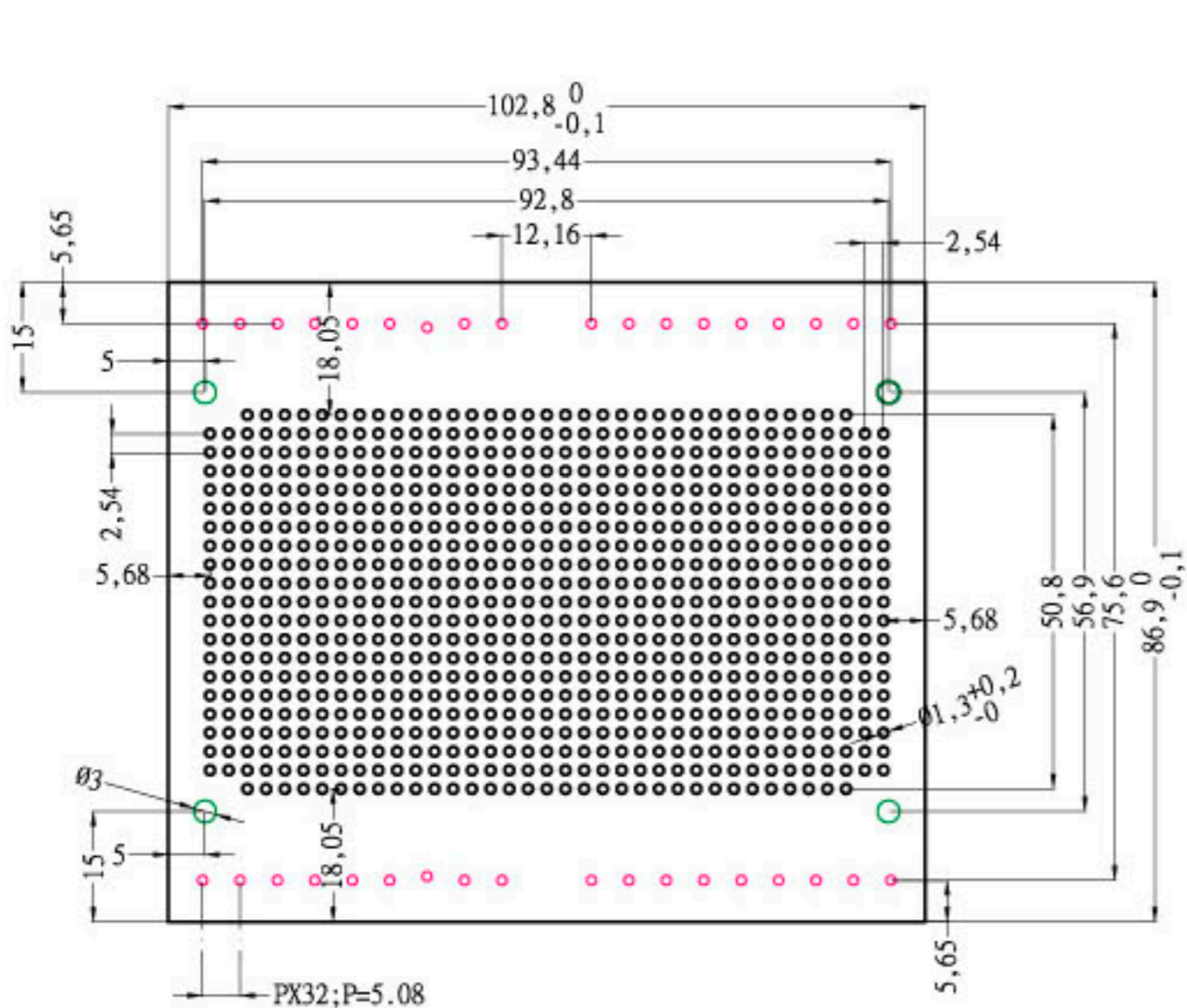
D3MG-PCB-A



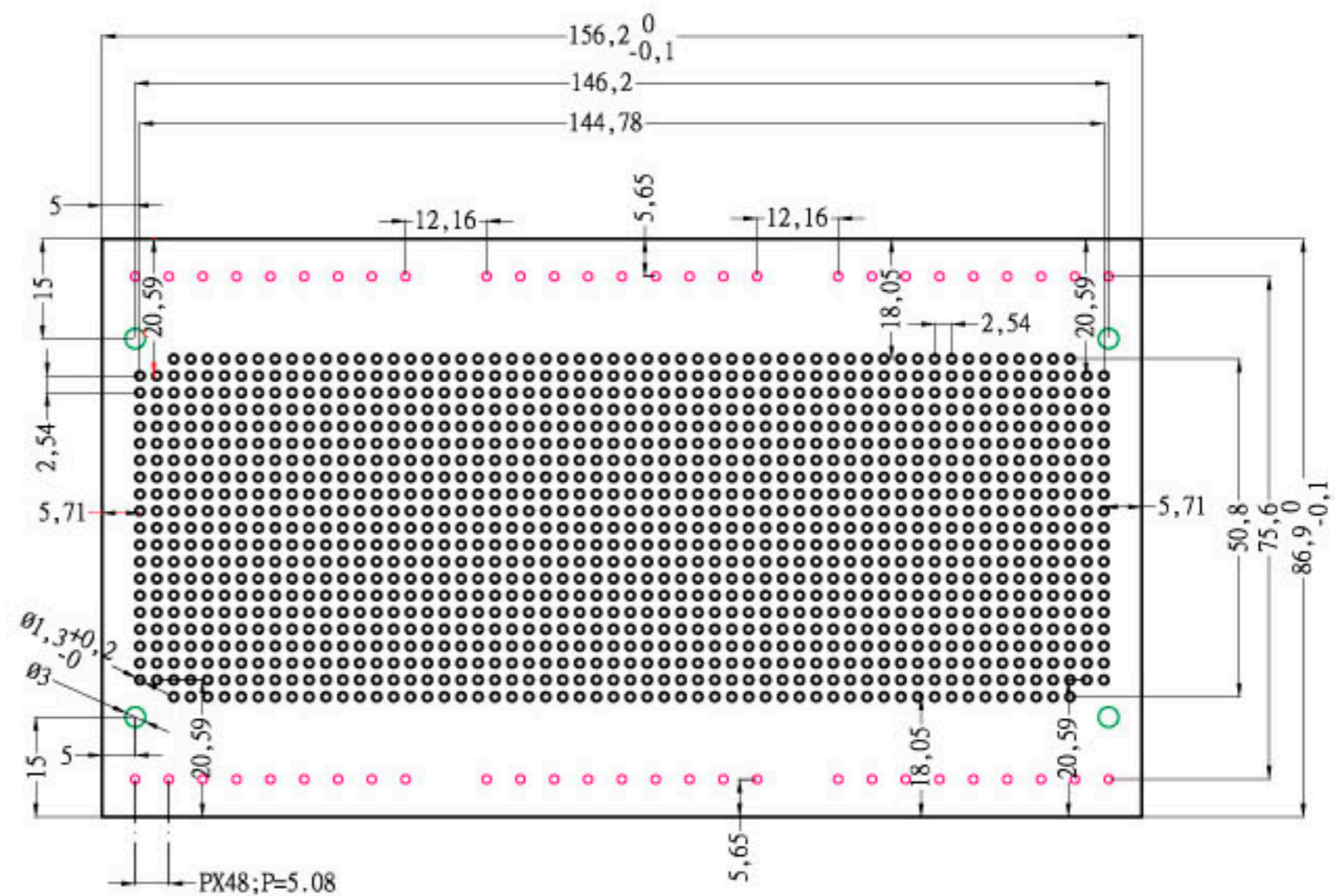
D4MG-PCB-A



D6MG-PCB-A



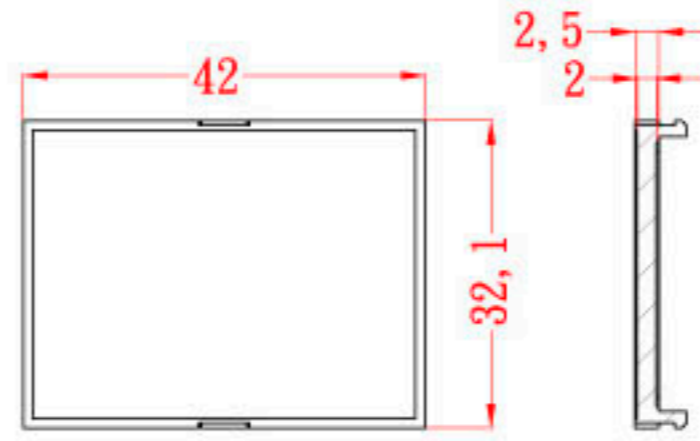
D9MG-PCB-A



SNAP-IN COVER (for DIN Rail Module Box)

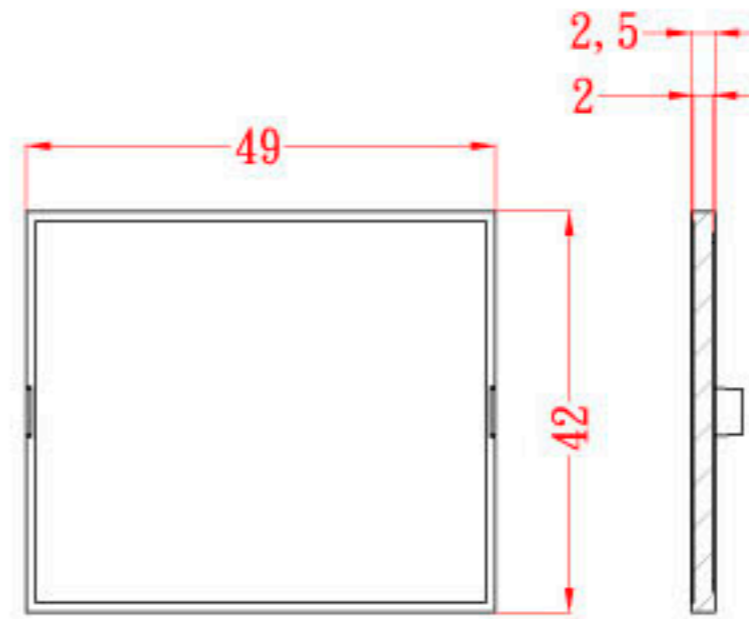
D2MG-COVER

ITEM NO	DESCRIPTION	MATERIAL
D2MG COVER-GY	GREY COVER FOR D2MG DIN-BOX USE	PC/ABS (UL94-V0)
D2MG COVER-IR	RED TRANSPARENT COVER FOR D2MG DIN-BOX USE	PC (UL94-V0)
D2MG COVER-C	CLEAR COVER FOR D2MG DIN-BOX USE	PC (UL94-V0)



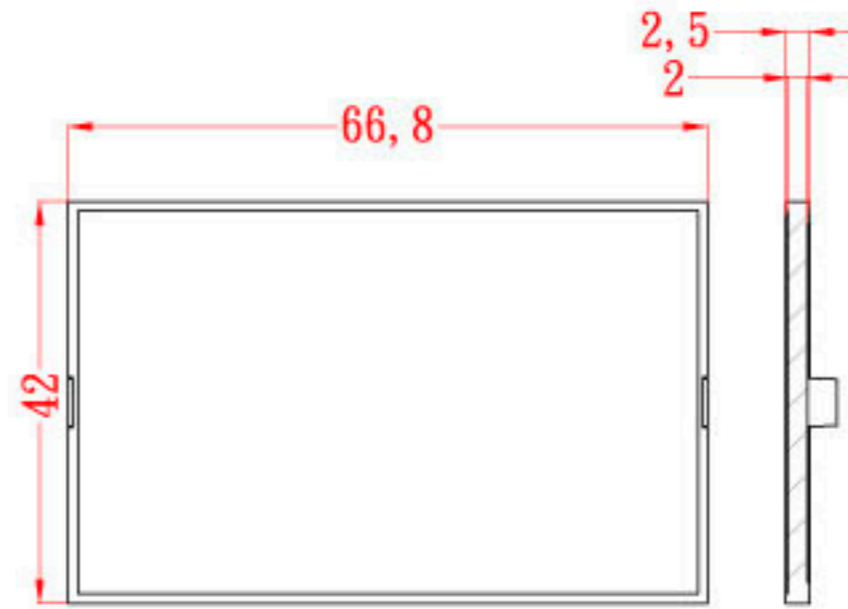
D3MG-COVER

ITEM NO	DESCRIPTION	MATERIAL
D3MG COVER-GY	GREY COVER FOR D3MG DIN-BOX USE	PC/ABS (UL94-V0)
D3MG COVER-IR	RED TRANSPARENT COVER FOR D3MG DIN-BOX USE	PC (UL94-V0)
D3MG COVER-C	CLEAR COVER FOR D3MG DIN-BOX USE	PC (UL94-V0)



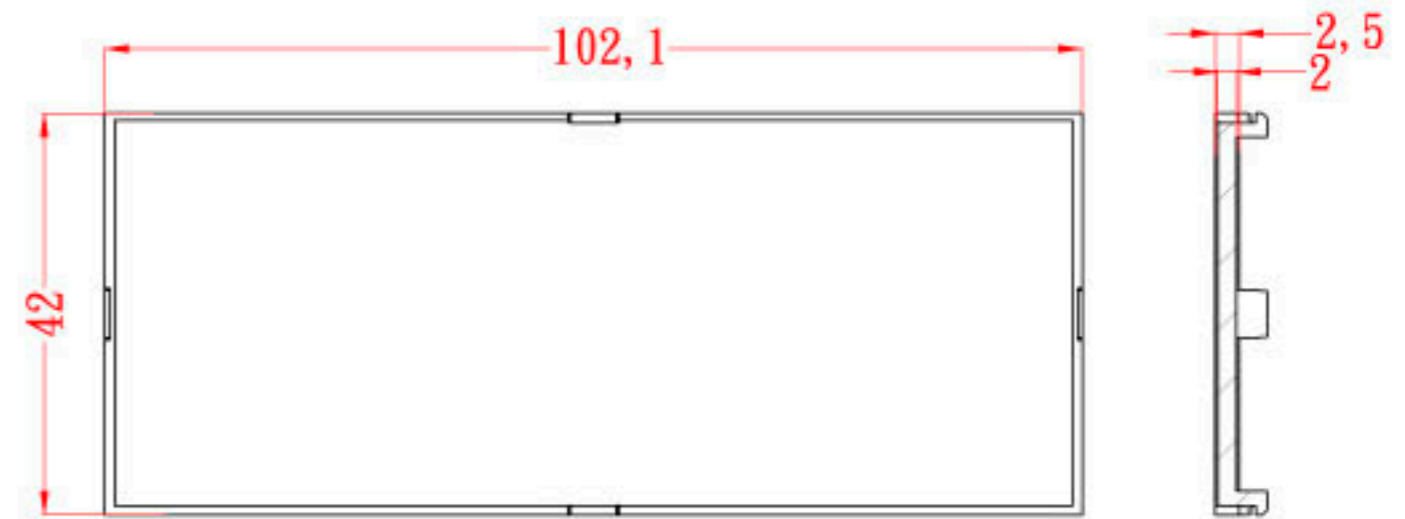
D4MG-COVER

ITEM NO	DESCRIPTION	MATERIAL
D4MG COVER-GY	GREY COVER FOR D4MG DIN-BOX USE	PC/ABS (UL94-V0)
D4MG COVER-IR	RED TRANSPARENT COVER FOR D4MG DIN-BOX USE	PC (UL94-V0)
D4MG COVER-C	CLEAR COVER FOR D4MG DIN-BOX USE	PC (UL94-V0)



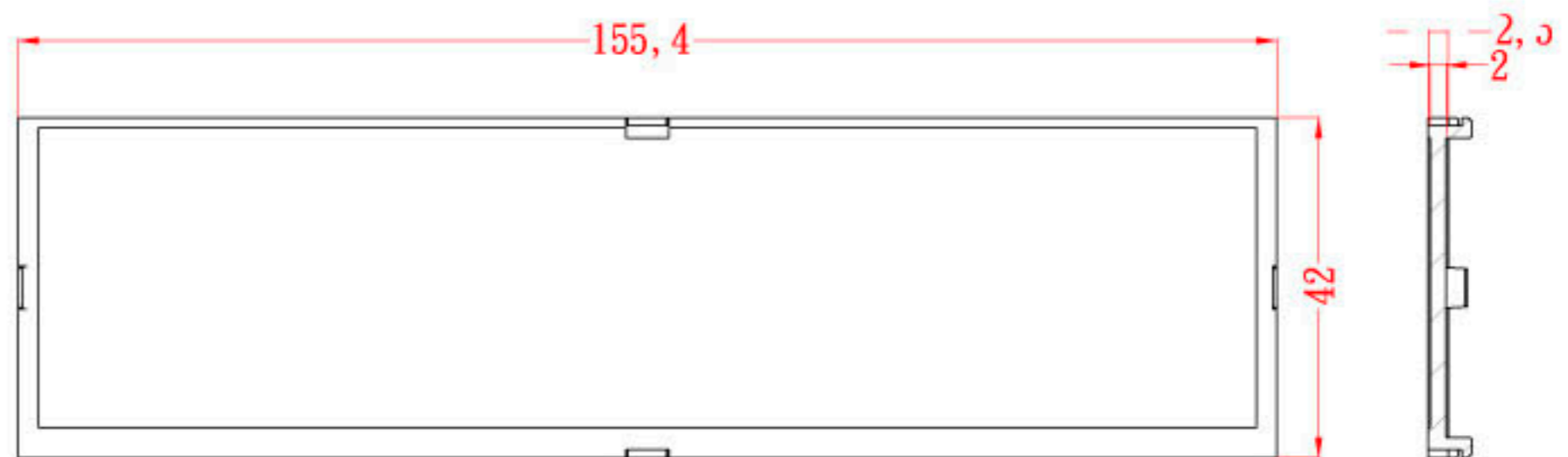
D6MG-COVER

ITEM NO	DESCRIPTION	MATERIAL
D6MG COVER-GY	GREY COVER FOR D6MG DIN-BOX USE	PC/ABS (UL94-V0)
D6MG COVER-IR	RED TRANSPARENT COVER FOR D6MG DIN-BOX USE	PC (UL94-V0)
D6MG COVER-C	CLEAR COVER FOR D6MG DIN-BOX USE	PC (UL94-V0)



D9MG-COVER

ITEM NO	DESCRIPTION	MATERIAL
D9MG COVER-GY	GREY COVER FOR D9MG DIN-BOX USE	PC/ABS (UL94-V0)
D9MG COVER-IR	RED TRANSPARENT COVER FOR D9MG DIN-BOX USE	PC (UL94-V0)
D9MG COVER-C	CLEAR COVER FOR D9MG DIN-BOX USE	PC (UL94-V0)



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

PLASTIC UTILITY ENCLOSURE



- Moulded in high impact abs which is flame retardant to both UL94-V0 and UL94-HB.
- Available in White(RAL9002, UL94-V0 of ABS) or Black(RAL9005, UL94-HB of ABS).
- Ideally design for portable , desktop or wall mounted electronic application.
- Space of the recessed area are designed for 4.3" , 5.7" , 7.0" , 8.4" & 10.4" lcd module or touch screen use.
- Lid & base incorporate a tongue and groove sealing design, optional EPDM gasket can be ordered and installed to meet IP65 rating of waterproof and dust.
- Recommended working temperature : -20°C to 80°C.
- Put-on rubber feet are included.



PL2943WH



PL2984BK

MATERIAL: UL94-V0 of ABS

STOCK NO.	Color	EXTERNAL DIMENSION (mm)		
		LENGTH	WIDTH	HEIGHT
PL2943WH	White	140	100	30
PL2957WH	White	190	150	30
PL2970WH	White	221	161.5	30
PL2984WH	White	279	206	30
PL29104WH	White	322	232	30

External Dimension



PL2943WH
size: 140X100X30MM

MATERIAL: UL94-HB of ABS

STOCK NO.	Color	EXTERNAL DIMENSION (mm)		
		LENGTH	WIDTH	HEIGHT
PL2943BK	Black	140	100	30
PL2957BK	Black	190	150	30
PL2970BK	Black	221	161.5	30
PL2984BK	Black	279	206	30
PL29104BK	Black	322	232	30

External Dimension



PL2984BK
size: 279X206X30MM

Optional EPDM Gasket

Part No.	Product description
PL2943GSKT	Φ2.3mm x 510mm EPDM Gasket.
PL2957GSKT	Φ2.3mm x 710mm EPDM Gasket.
PL2970GSKT	Φ2.3mm x 795mm EPDM Gasket.
PL2984GSKT	Φ2.3mm x 1000mm EPDM Gasket.
PL29104GSKT	Φ2.3mm x 1140mm EPDM Gasket.

Example EPDM gasket



Content

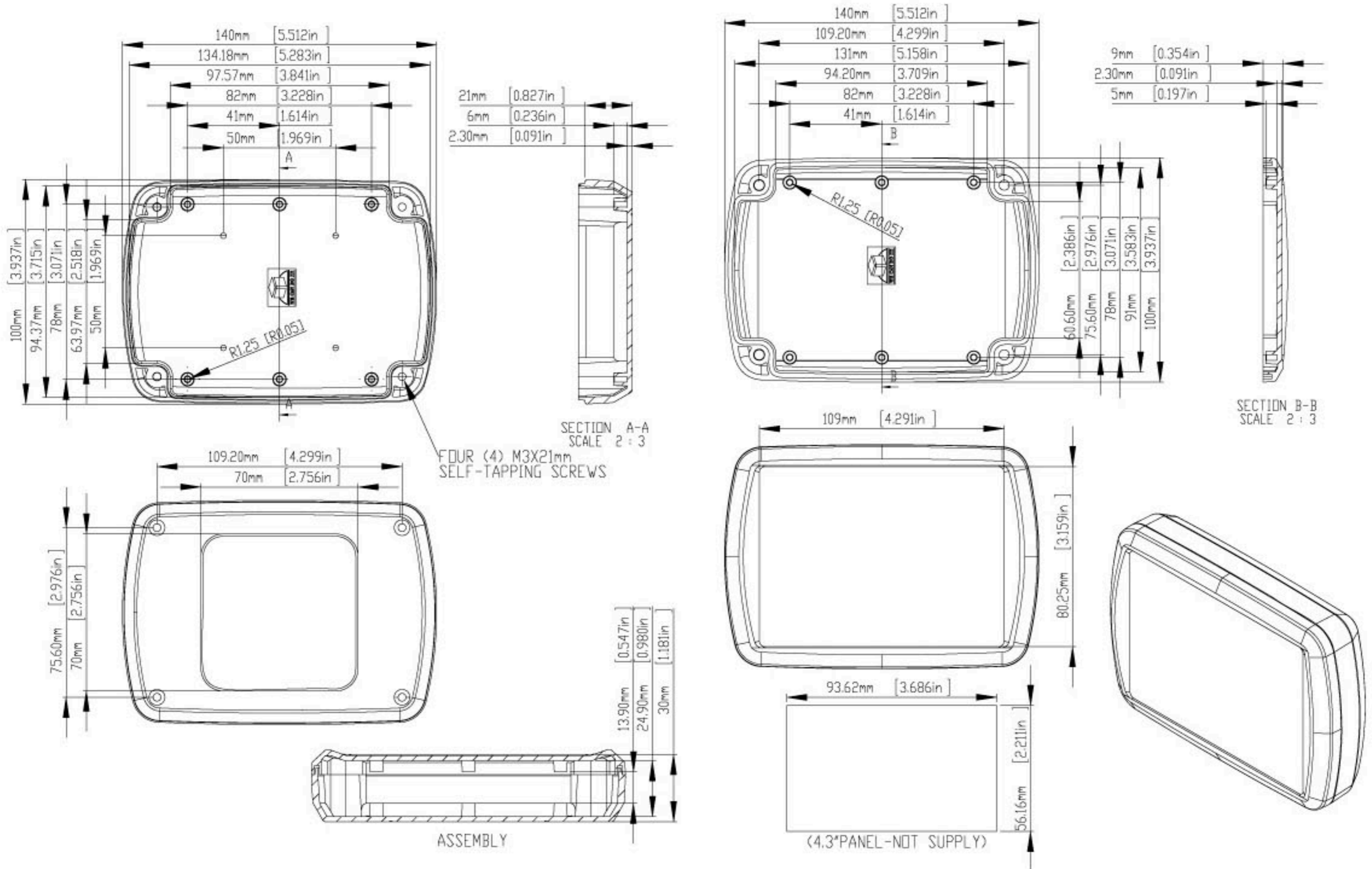


PL2943WH

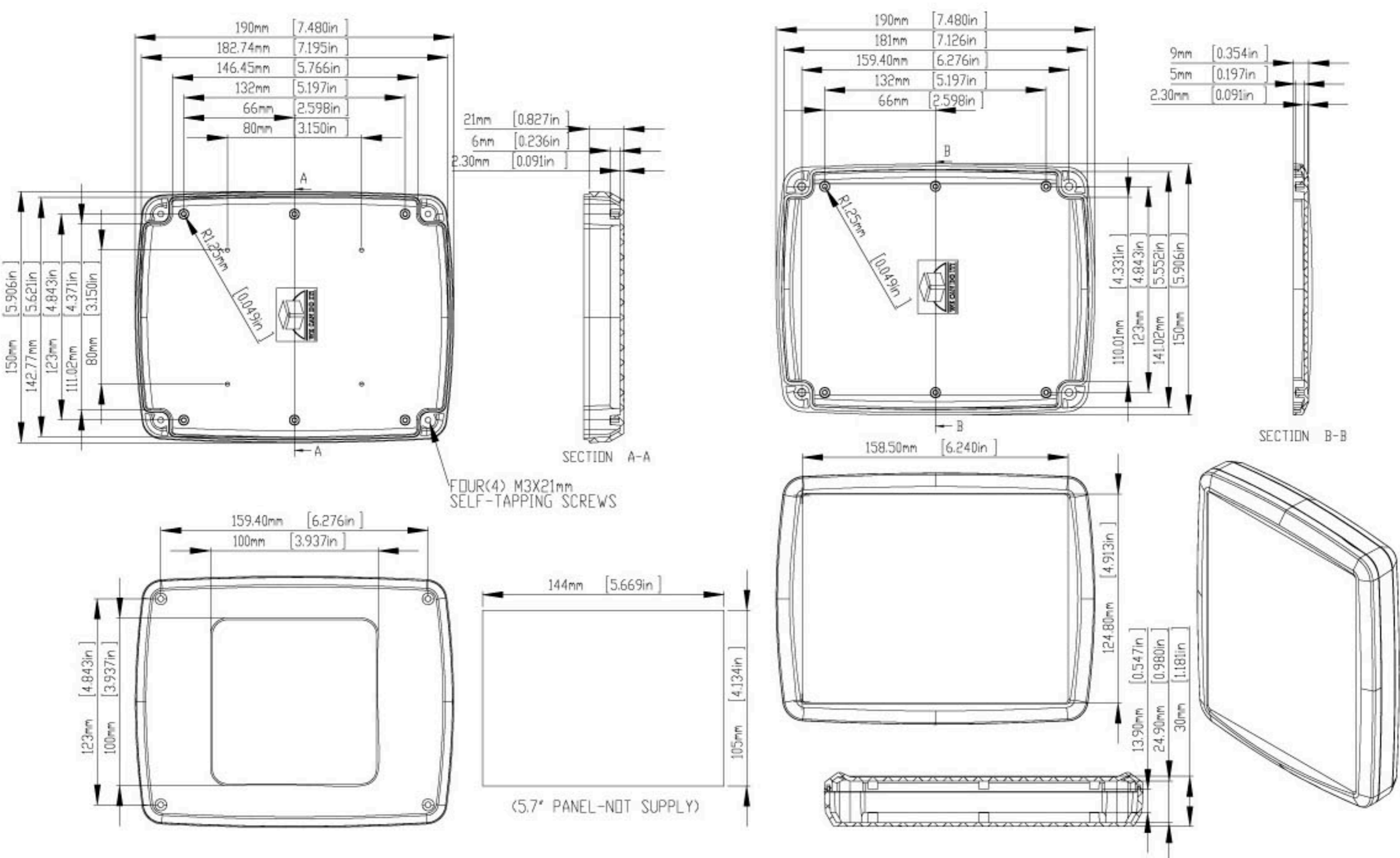


PL2943BK

PL2943WH/PL2943BK



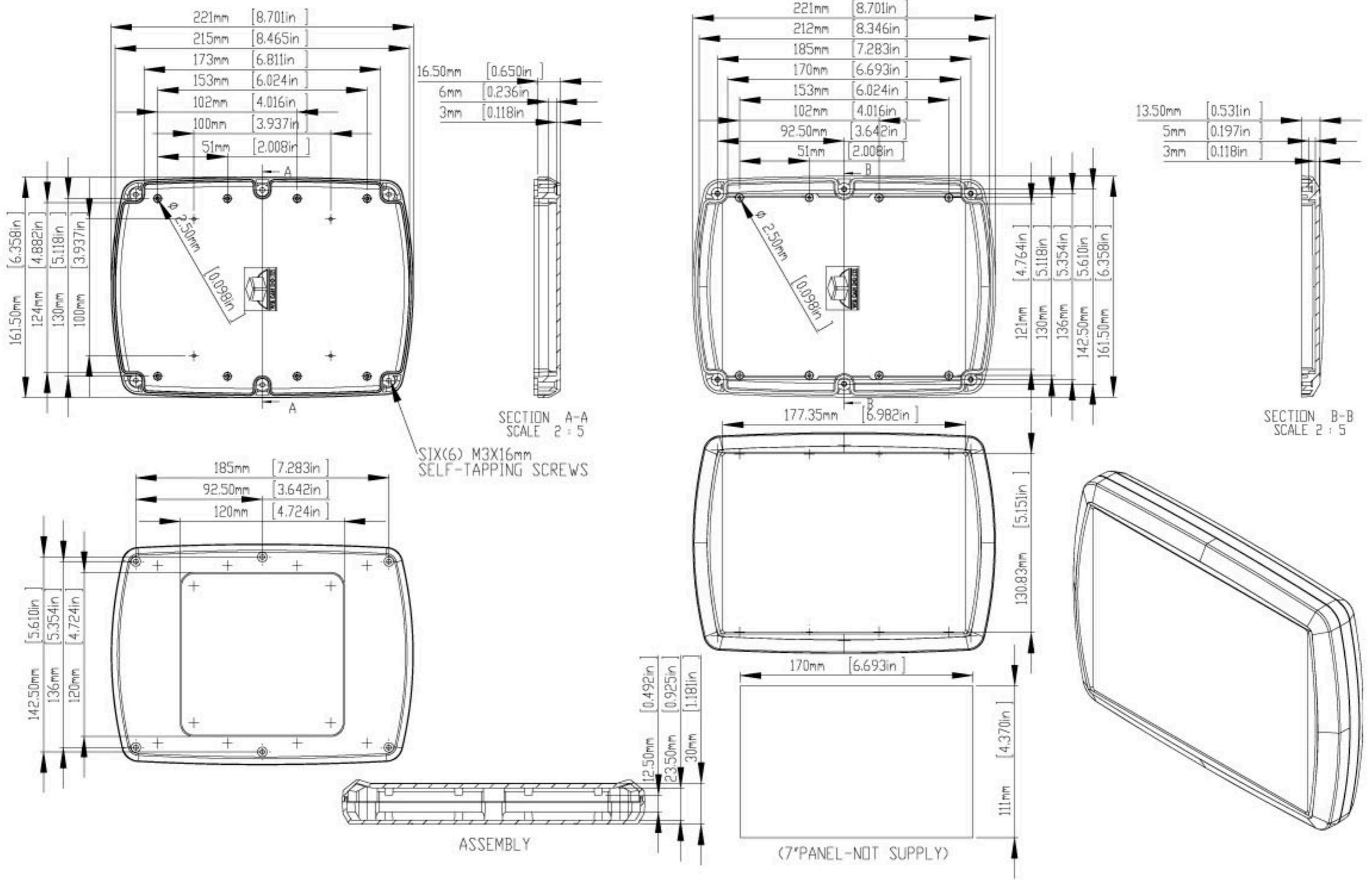
PL2957WH/PL2957BK



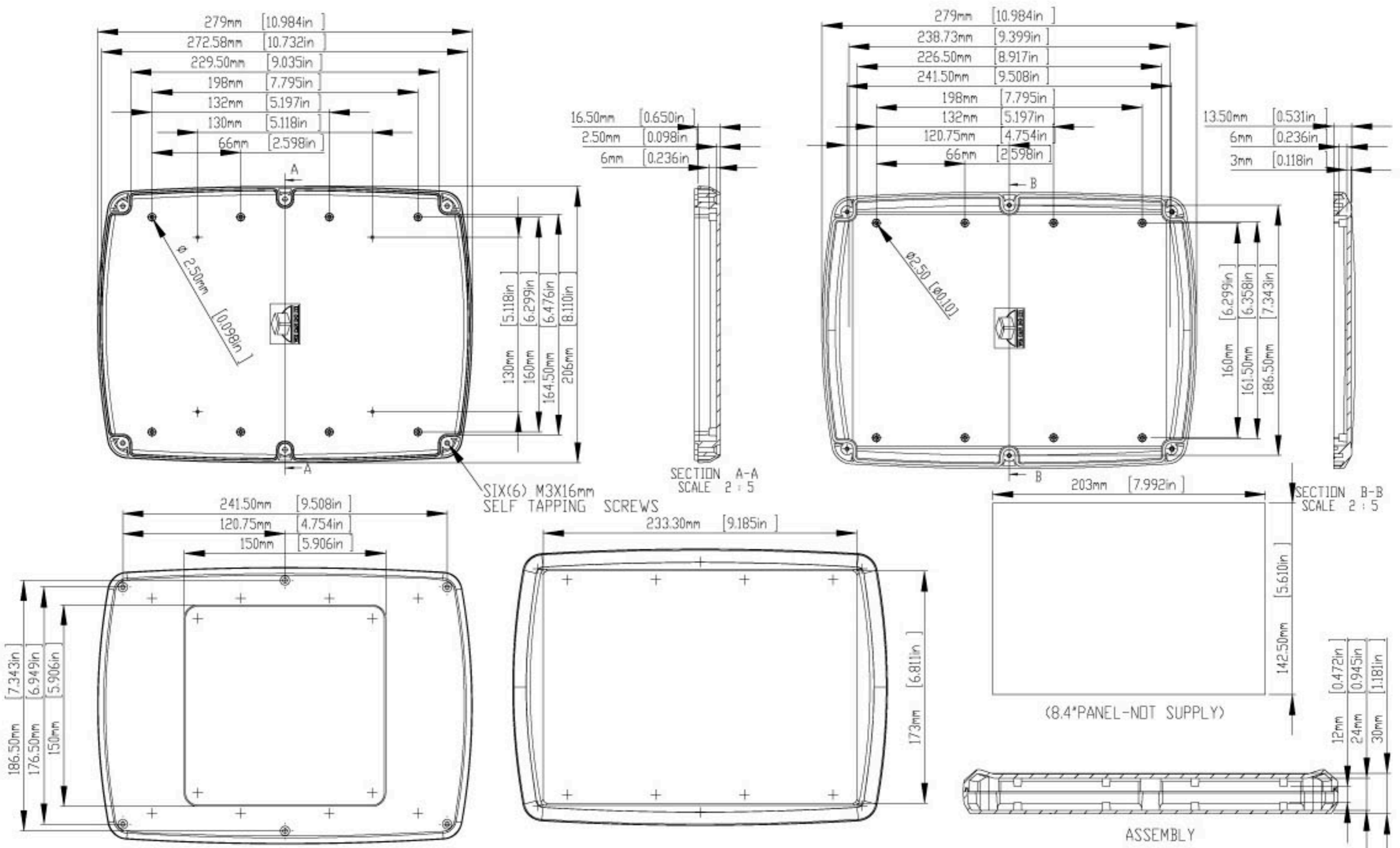
According to ISO 2768-m

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

PL2970WH/PL2970BK

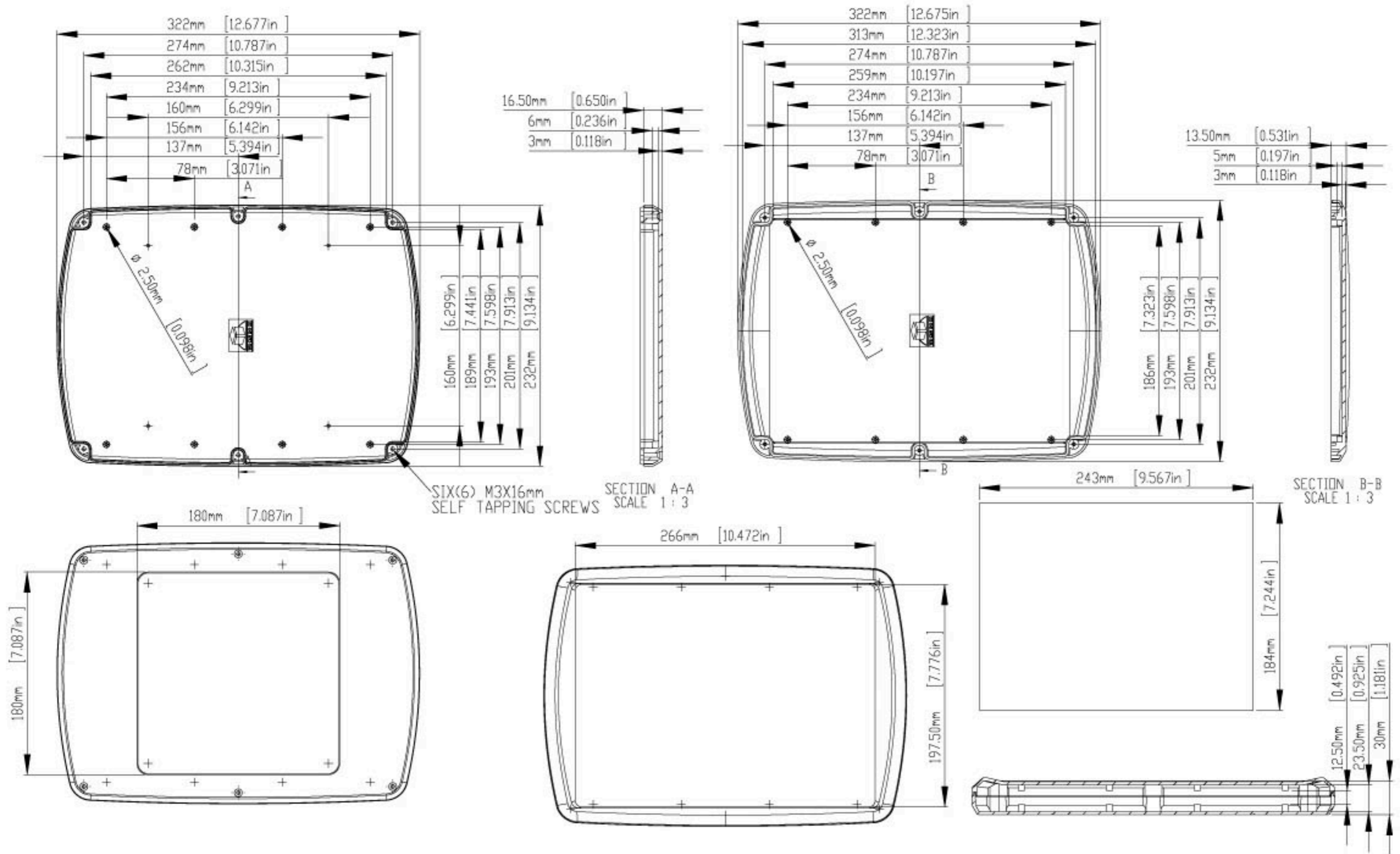


PL2984WH/PL2984BK

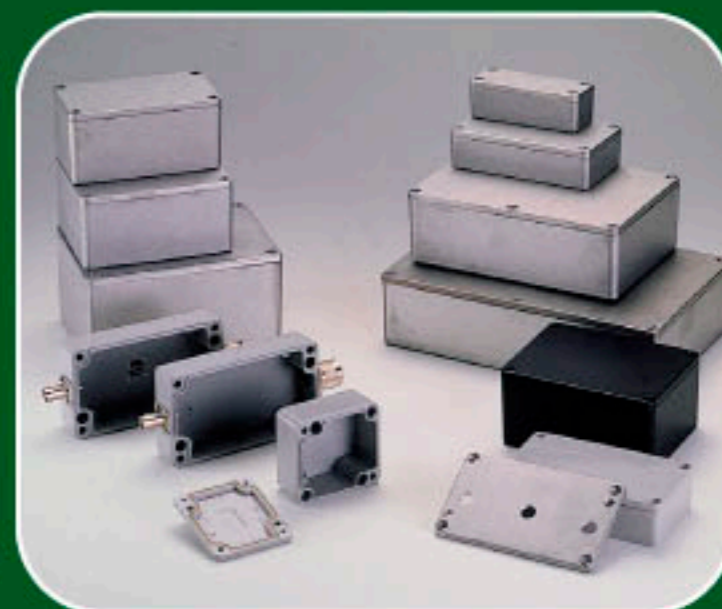


According to ISO 2768-m

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



ALUMINIUM SERIES



POLYCARBONATE, ABS SERIES



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2012, 08