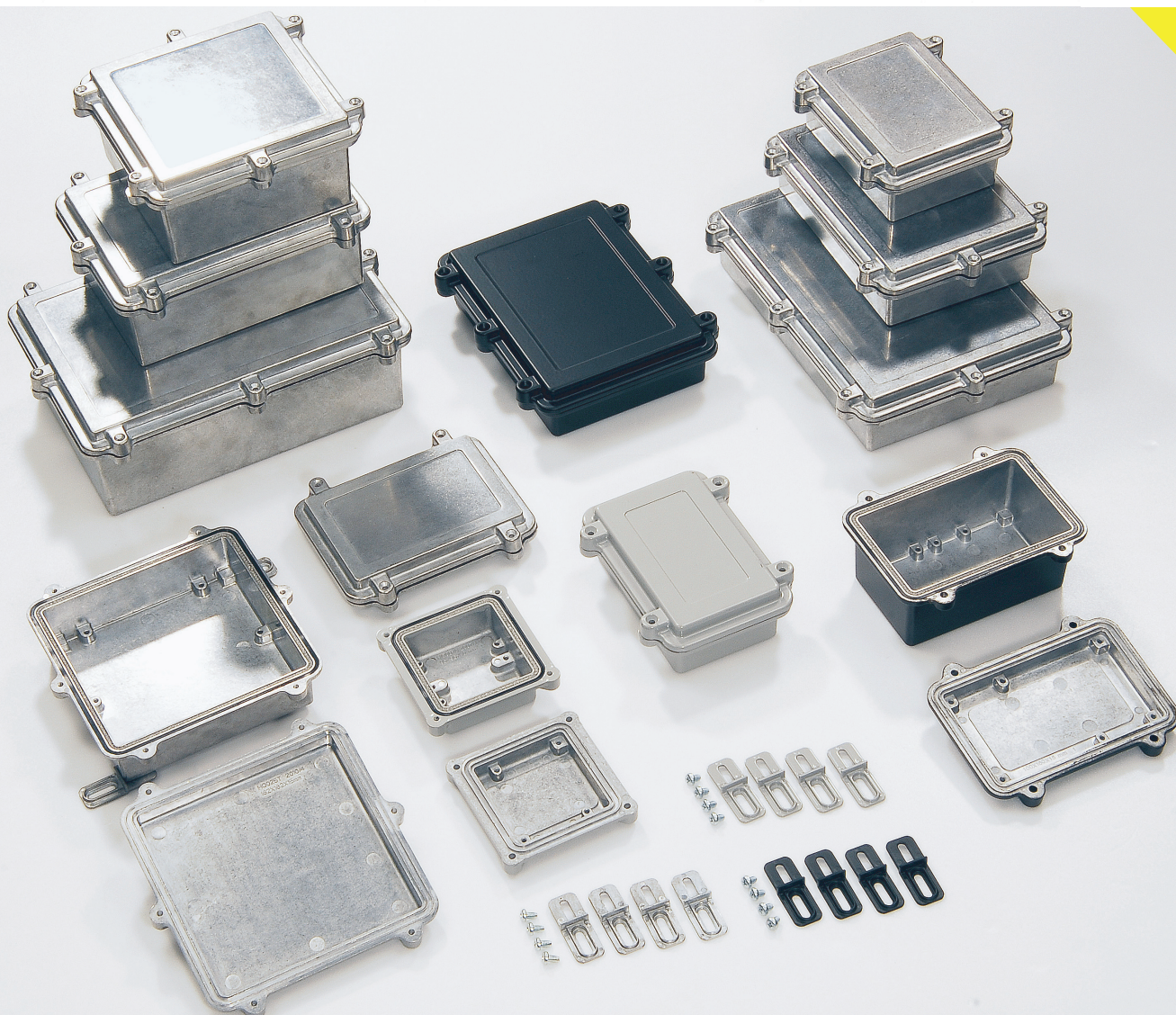


IP67 DIE-CAST ALUMINIUM BOXES WITH DUAL CONDUCTIVE AND CONTINUOUS SILICON GASKET



- MATERIAL : ALUMINIUM ALLOY ADC-12 TO JAPAN (JIS)
- WALL MOUNTING HOLES AND FIXING SCREWS ARE OUTSIDE THE SEALING AREA FOR REAL SEALING PROTECTION.
- M4 COUNTERSUNK STAINLESS SCREWS ARE INCLUDED TO SEIZE THE COVER AND THE BODY
- WITH CONTINUOUS SILICON GASKET TO MEET IP67 RATING OF WATERPROOF AND DUST
- WITH CONDUCTIVE GASKET FOR PERFECT EMI SHIELDING PROTECTION.
- DIE-CASTING MOUNTING BRACKET (ALMF-001) IS AVAILABLE . ALMF-001 CAN BE USED IN THE BOTH HQ0XX & G1XX SERIES OF ALUMINIUM BOXES FOR THE WALL MOUNTING .

@ LIGHT GREY(LG), BLACK(BK) OF POWDER COATED ALUMINIUM ENCLOSURES & MOUNTING BRACKET ARE AVAILABLE FOR ORDERING .
JUST NEED TO ADD THE COLOR CODE AFTER THE ITEM NO.
Ex: HQ001LG , HQ003BK , HQ005LG ,HQ007BK , ALMF-001LG

DIE-CAST ALUMINIUM BOXES HQ0XX SERIES

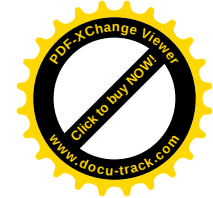
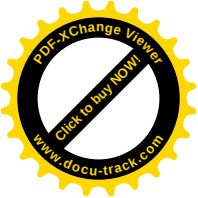


- MATERIAL : ALUMINIUM ALLOY ADC-12 TO JAPAN (JIS)
- WALL MOUNTING HOLES AND FIXING SCREWS ARE OUTSIDE THE SEALING AREA FOR REAL SEALING PROTECTION.
- M4 COUNTERSUNK STAINLESS SCREWS ARE INCLUDED TO SEIZE THE COVER AND THE BODY

@ LIGHT GREY(LG), BLACK(BK) OF POWDER COATED ALUMINIUM ENCLOSURES

JUST NEED TO ADD THE COLOR CODE AFTER THE ITEM NO.

Ex: HQ001LG , HQ003BK , HQ005LG ,HQ007BK



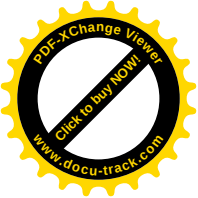
NATURAL ALUMINIUM BOX < WITHOUT ANY SEAL >

ITEM NO.	External Dimension (mm)			Without Any Seal	With Rubber Seal	With Rubber & Shielded Seal
	Length	Width	Height			
HQ001	96	96	45	V		
HQ003	96	96	67	V		
HQ005	192	96	45	V		
HQ007	192	96	67	V		
HQ009	274	173	66	V		
HQ011	274	173	100	V		
HQ013	150	100	50	V		
HQ015	150	100	75	V		
HQ017	200	150	50	V		
HQ019	200	150	75	V		
 HQ016	200	150	28	V		
 HQ021	152	112	30	V		
 HQ023	152	112	55	V		
 HQ025	162	162	55	V		
 HQ027	162	162	80	V		
 HQ029	202	142	55	V		
 HQ031	202	142	80	V		
 HQ033	262	182	55	V		
 HQ035	262	182	90	V		

IP67 DIE-CAST ALUMINIUM BOXES HQ0XXS SERIES



-
- **MATERIAL : ALUMINIUM ALLOY ADC-12 TO JAPAN (JIS)**
 - **WALL MOUNTING HOLES AND FIXING SCREWS ARE OUTSIDE THE SEALING AREA FOR REAL SEALING PROTECTION.**
 - **M4 COUNTERSUNK STAINLESS SCREWS ARE INCLUDED TO SEIZE THE COVER AND THE BODY**
 - **WITH CONTINUOUS SILICON GASKET TO MEET IP67 RATING OF WATERPROOF AND DUST**
- @ LIGHT GREY(LG), BLACK(BK) OF POWDER COATED ALUMINIUM ENCLOSURES ARE AVAILABLE FOR ORDERING .**
JUST NEED TO ADD THE COLOR CODE AFTER THE ITEM NO.
Ex: HQ001SLG , HQ003SBK , HQ005SLG ,HQ007SBK
-



@@ IP67 RATING @@ < WITH THE SILICON RUBBER SEAL >

ITEM NO.	External Dimension (mm)			Without Any Seal	With Rubber Seal	With Rubber & Shielded Seal
	Length	Width	Height			
HQ001S	96	96	45		V	
HQ003S	96	96	67		V	
HQ005S	192	96	45		V	
HQ007S	192	96	67		V	
HQ009S	274	173	66		V	
HQ011S	274	173	100		V	
HQ013S	150	100	50		V	
HQ015S	150	100	75		V	
HQ017S	200	150	50		V	
HQ019S	200	150	75		V	
NEW HQ016S	200	150	28		V	
NEW HQ021S	152	112	30		V	
NEW HQ023S	152	112	55		V	
NEW HQ025S	162	162	55		V	
NEW HQ027S	162	162	80		V	
NEW HQ029S	202	142	55		V	
NEW HQ031S	202	142	80		V	
NEW HQ033S	262	182	55		V	
NEW HQ035S	262	182	90		V	

IP67 DIE-CAST ALUMINIUM BOXES WITH SILICON RUBBER SEAL & SHIELDED GASKET HQ0XXEMS SERIES



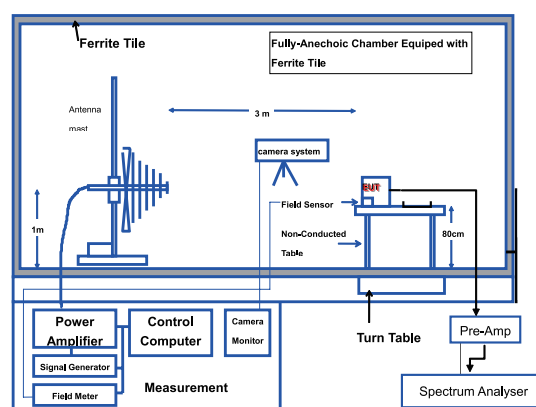
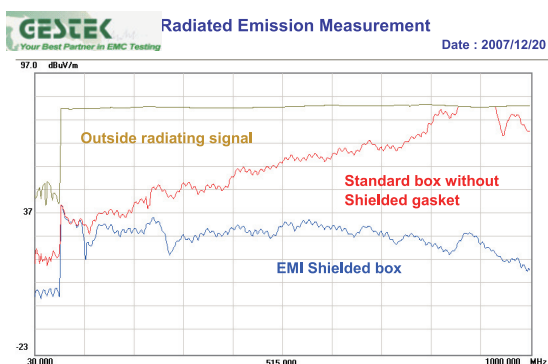
- MATERIAL : ALUMINIUM ALLOY ADC-12 TO JAPAN (JIS)
- WALL MOUNTING HOLES AND FIXING SCREWS ARE OUTSIDE THE SEALING AREA FOR REAL SEALING PROTECTION.
- M4 COUNTERSUNK STAINLESS SCREWS ARE INCLUDED TO SEIZE THE COVER AND THE BODY
- WITH CONTINUOUS SILICON GASKET TO MEET IP67 RATING OF WATERPROOF AND DUST
- WITH CONDUCTIVE GASKET FOR PERFECT EMI SHIELDING PROTECTION.

@ LIGHT GREY(LG), BLACK(BK) OF POWDER COATED ALUMINIUM ENCLOSURES ARE AVAILABLE FOR ORDERING .
JUST NEED TO ADD THE COLOR CODE AFTER THE ITEM NO.
Ex: HQ001EMSLG , HQ003EMSBK , HQ005EMSLG ,HQ007EMSBK ,

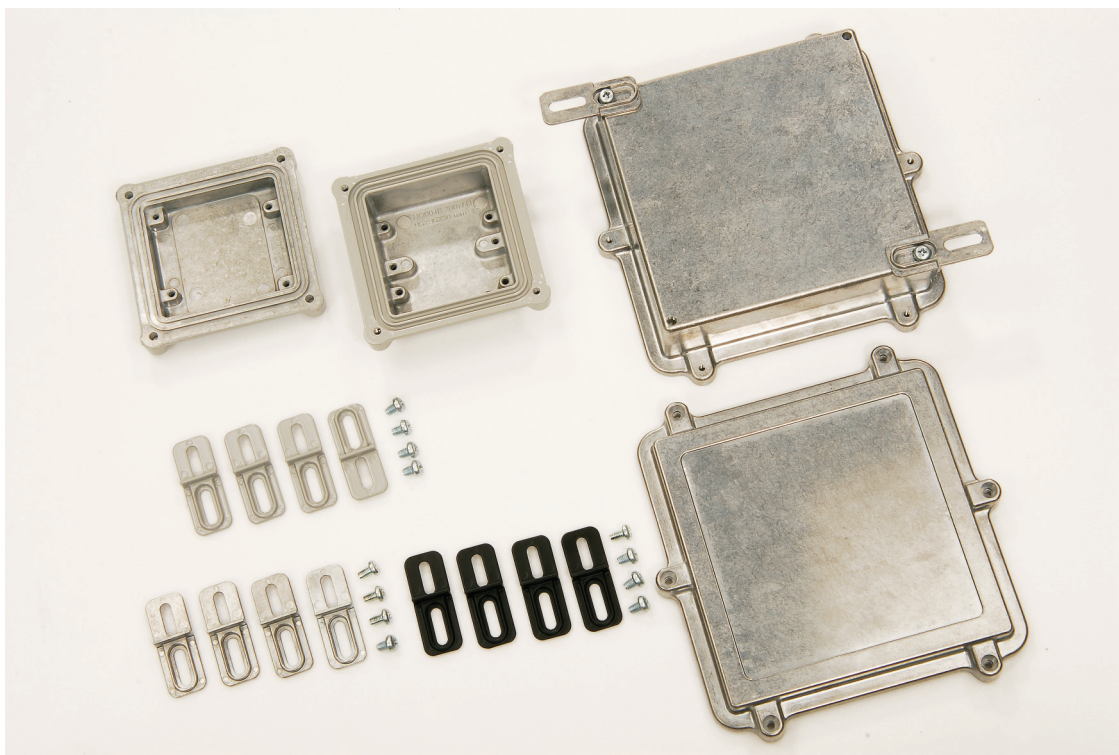
@@ IP 67 RATING @@

< WITH SILICON RUBBER SEAL & SHIELDED GASKET >

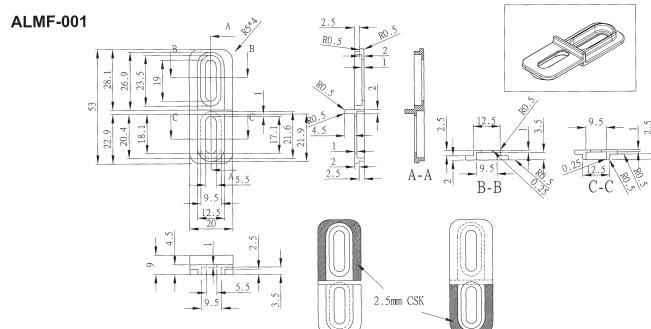
ITEM NO.	External Dimension (mm)			Without Any Seal	With Rubber Seal	With Rubber & Shielded Seal
	Length	Width	Height			
HQ001EMS	96	96	45			V
HQ003EMS	96	96	67			V
HQ005EMS	192	96	45			V
HQ007EMS	192	96	67			V
HQ009EMS	274	173	66			V
HQ011EMS	274	173	100			V
HQ013EMS	150	100	50			V
HQ015EMS	150	100	75			V
HQ017EMS	200	150	50			V
HQ019EMS	200	150	75			V
NEW HQ016EMS	200	150	28			V
NEW HQ021EMS	152	112	30			V
NEW HQ023EMS	152	112	55			V
NEW HQ025EMS	162	162	55			V
NEW HQ027EMS	162	162	80			V
NEW HQ029EMS	202	142	55			V
NEW HQ031EMS	202	142	80			V
NEW HQ033EMS	262	182	55			V
NEW HQ035EMS	262	182	90			V



Wall Mounting Bracket



ITEM NO.	External Dimension (mm)		
	Length	Width	Height
ALMF-001	53	20	9
Wall mounting bracket (For HQ0XX & G1XX series of boxes use) ALMF-001 (1 set) includes 4 pcs of mounting brackets & 4 pcs of M5 X10 mm self-tapping screws Black & Light grey color of wall mounting bracket are available for ordering . Ex : ALMF-001BK , ALMF-001LG			





MATERIAL: ALUMINUM ALLOY #ADC-12

FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

- 1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY,
2) ALL HOLE DIAMETERS HAVE $\pm 0.10\text{mm}$ TOLERANCE
ALL OTHER DIMENSIONS HAVE $\pm 0.30\text{ mm}$ TOLERANCE

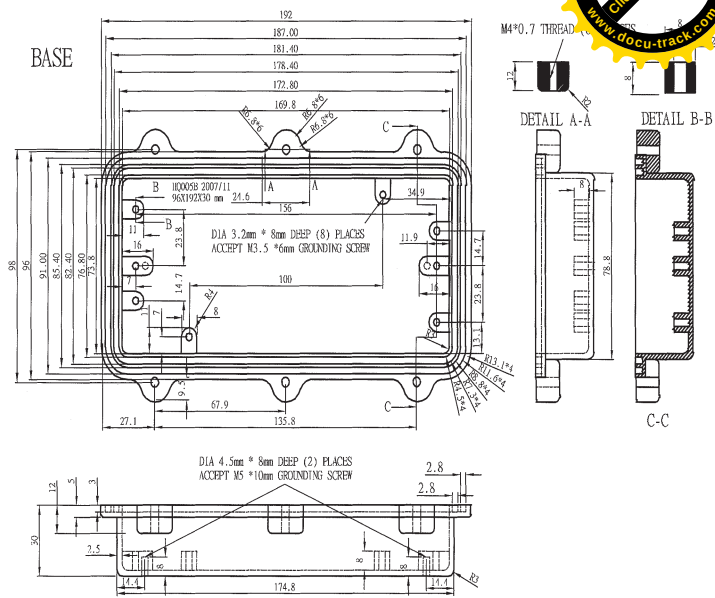
HQ003



MATERIAL: ALUMINUM ALLOY #ADC-12

FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

- 1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
2) ALL HOLE DIAMETERS HAVE $\pm 0.10\text{mm}$ TOLERANCE
ALL OTHER DIMENSIONS HAVE $\pm 0.30\text{ mm}$ TOLERANCE



MATERIAL: ALUMINUM ALLOY #ADC-12

FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

1) SIX(6) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.

2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

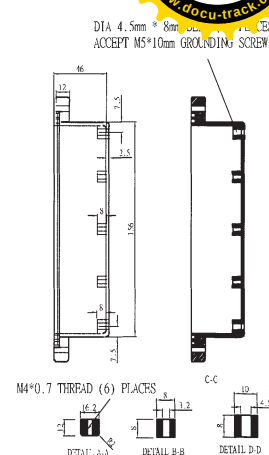
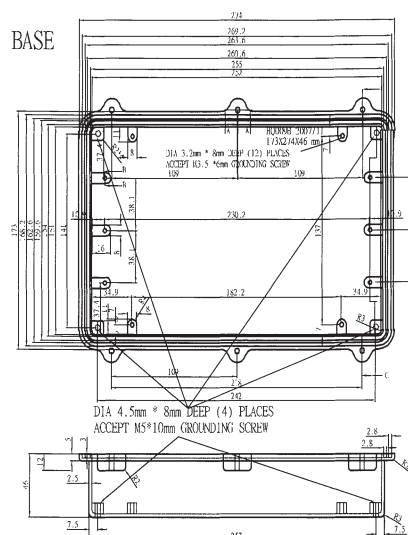
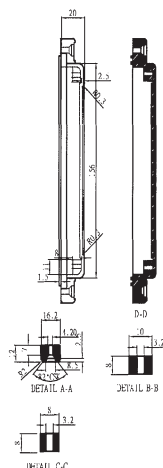
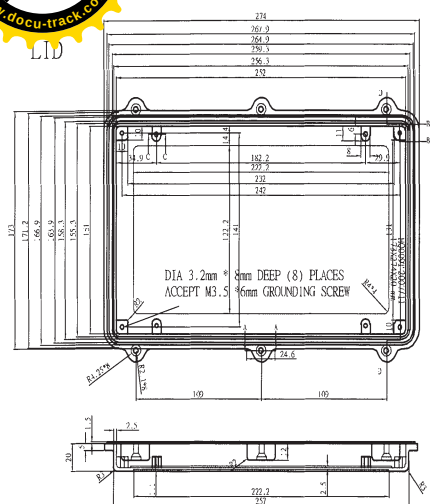
[illegible]

MATERIAL: ALUMINUM ALLOY #ADC-12

FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

1) SIX(6) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.

2) ALL HOLE DIAMETERS HAVE ±0.10mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ±0.30mm TOLERANCE



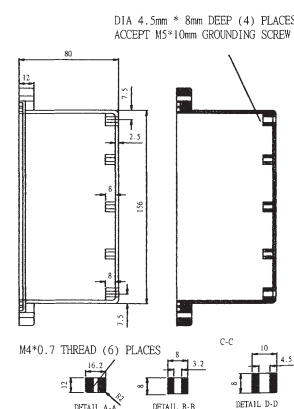
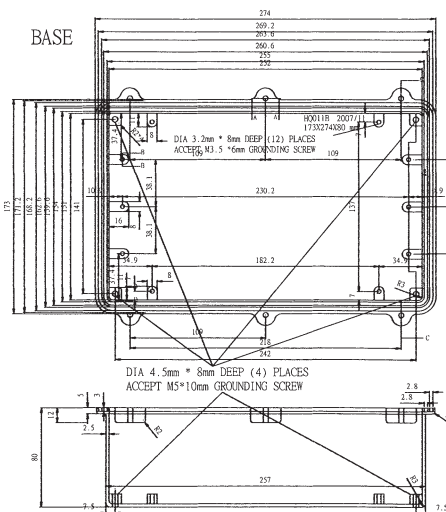
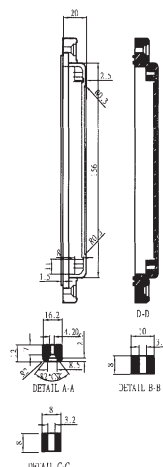
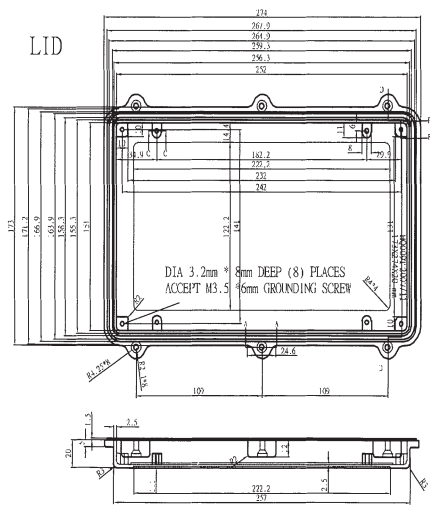
ITEM NO	DESCRIPTION
HQ009	NATURAL ALUMINIUM BOX(WITOUT THE GASKET)
HQ009S	@@ IP67 RATING @@(WITH THE SILICON GASKET)
HQ009EMS	@@ IP67 RATING @@(WITH THE SILICON & SHIELDED GASKET)

MATERIAL: ALUMINIUM ALLOY #ADC-12

FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

- 1) SIX(6) M4 x 20mm (0.787") LG. SCREWS SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
- 2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
- ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

HQ011

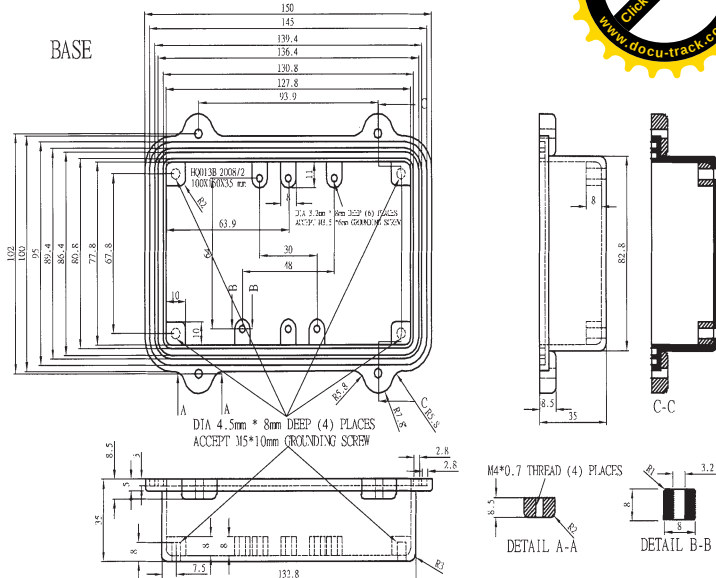
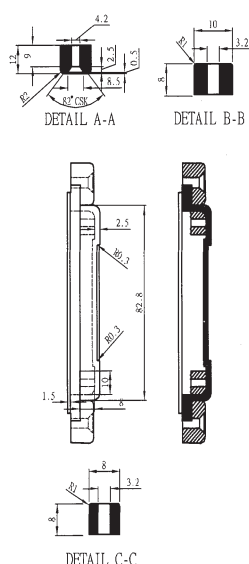
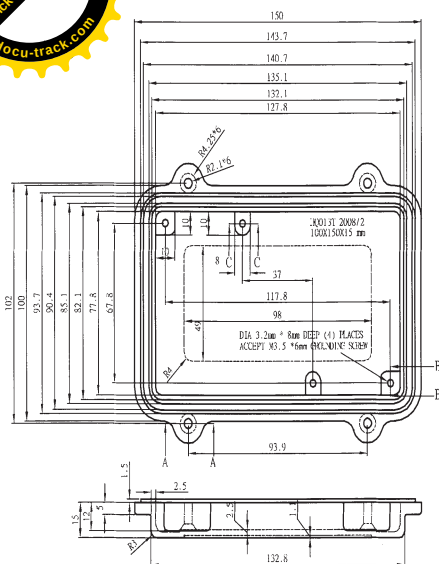


ITEM NO	DESCRIPTION
HQ011	NATURAL ALUMINIUM BOX(WITOUT THE GASKET)
HQ011S	@@ IP67 RATING @@(WITH THE SILICON GASKET)
HQ011EMS	@@ IP67 RATING @@(WITH THE SILICON & SHIELDED GASKET)

MATERIAL: ALUMINIUM ALLOY #ADC-12

FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

- 1) SIX(6) M4 x 20mm (0.787") LG. SCREWS SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
- 2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
- ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE



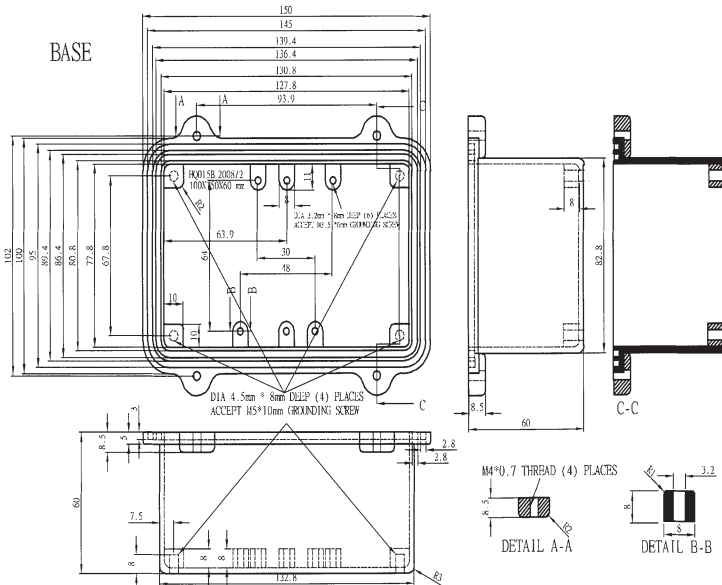
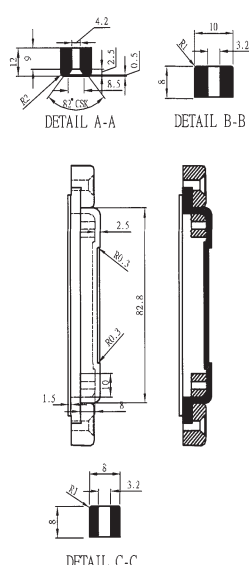
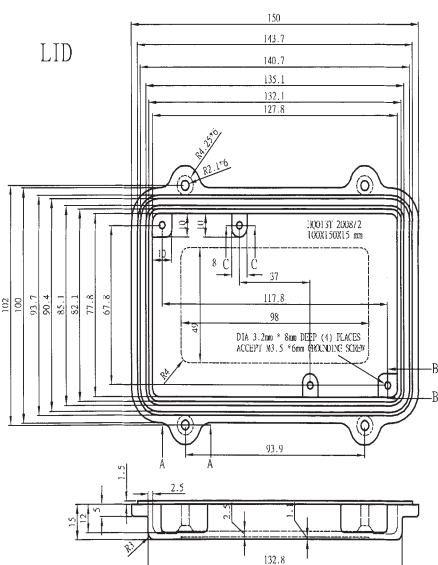
ITEM NO	DESCRIPTION
HQ013	NATURAL ALUMINIUM BOX(WITOUT THE GASKET)
HQ013S	@@ IP67 RATING @@(WITH THE SILICON GASKET)
HQ013EMS	@@ IP67 RATING @@(WITH THE SILICON & SHIELDED GASKET)

MATERIAL: ALUMINIUM ALLOY #ADC-12

FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

1)FOUR(4) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

HQ015

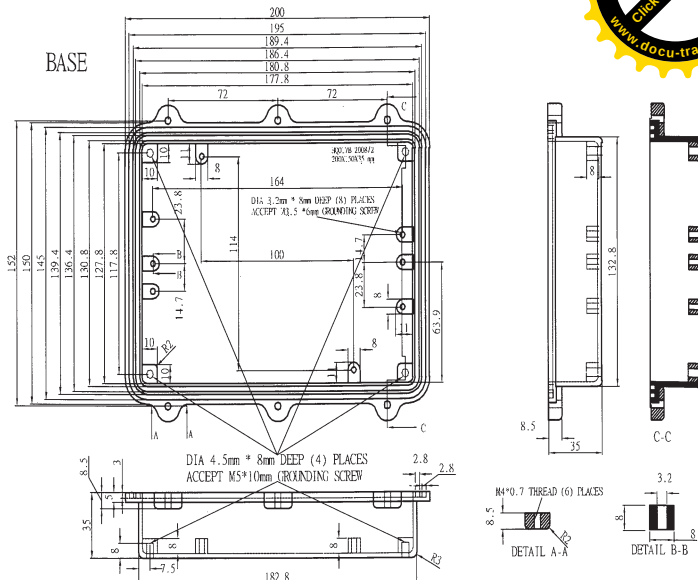


ITEM NO	DESCRIPTION
HQ015	NATURAL ALUMINIUM BOX(WITOUT THE GASKET)
HQ015S	@@ IP67 RATING @@(WITH THE SILICON GASKET)
HQ015EMS	@@ IP67 RATING @@(WITH THE SILICON & SHIELDED GASKET)

MATERIAL: ALUMINIUM ALLOY #ADC-12

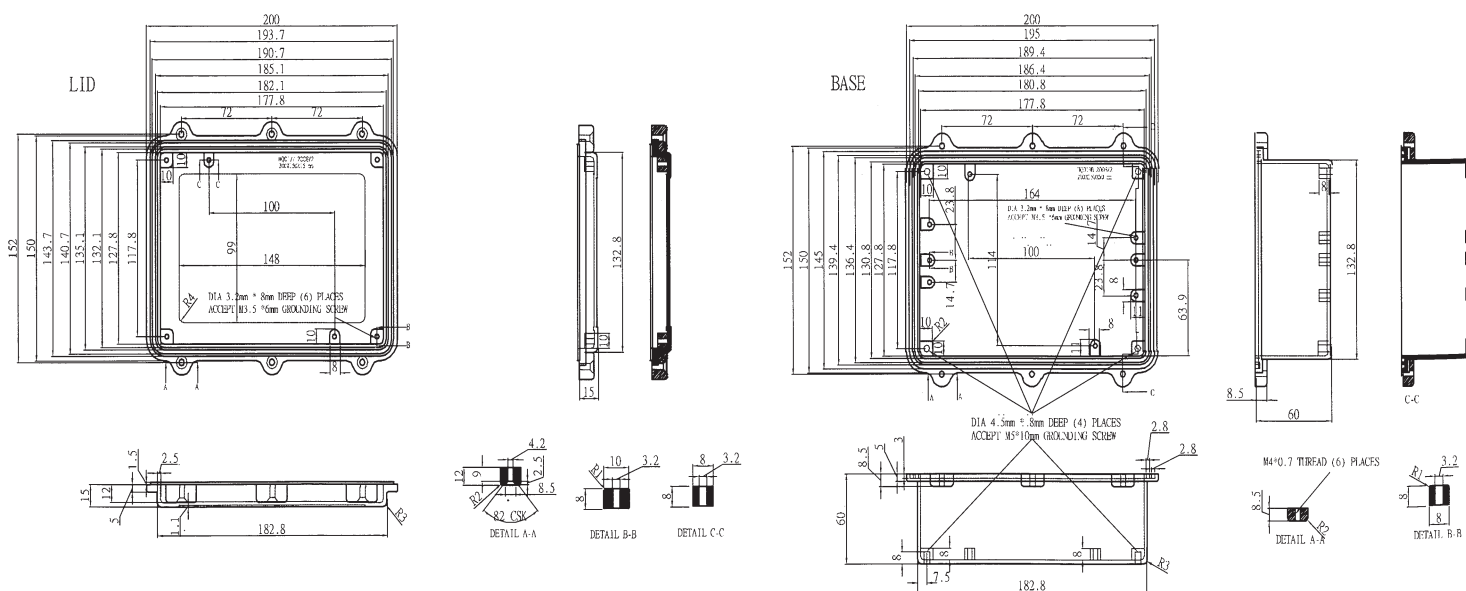
FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

1)FOUR(4) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE



FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

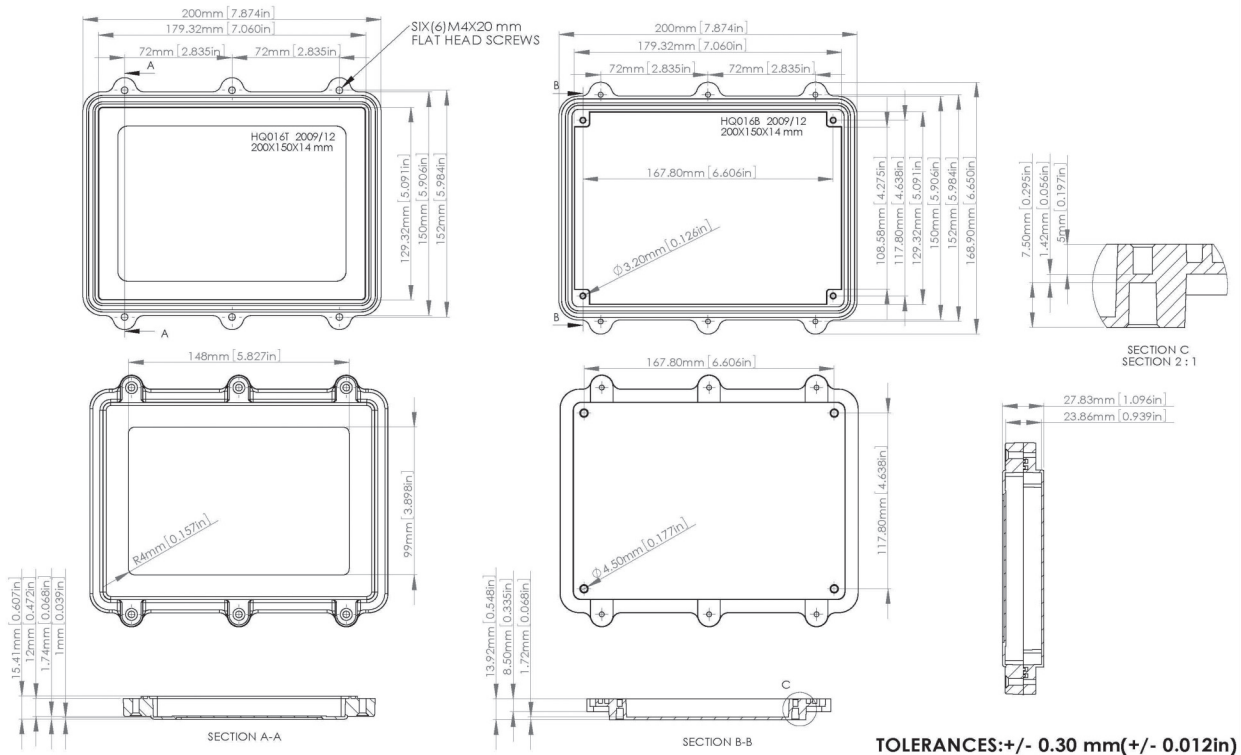
- 1) SIX(6) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

HQ019

FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

- 1) SIX (6) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

HQ016



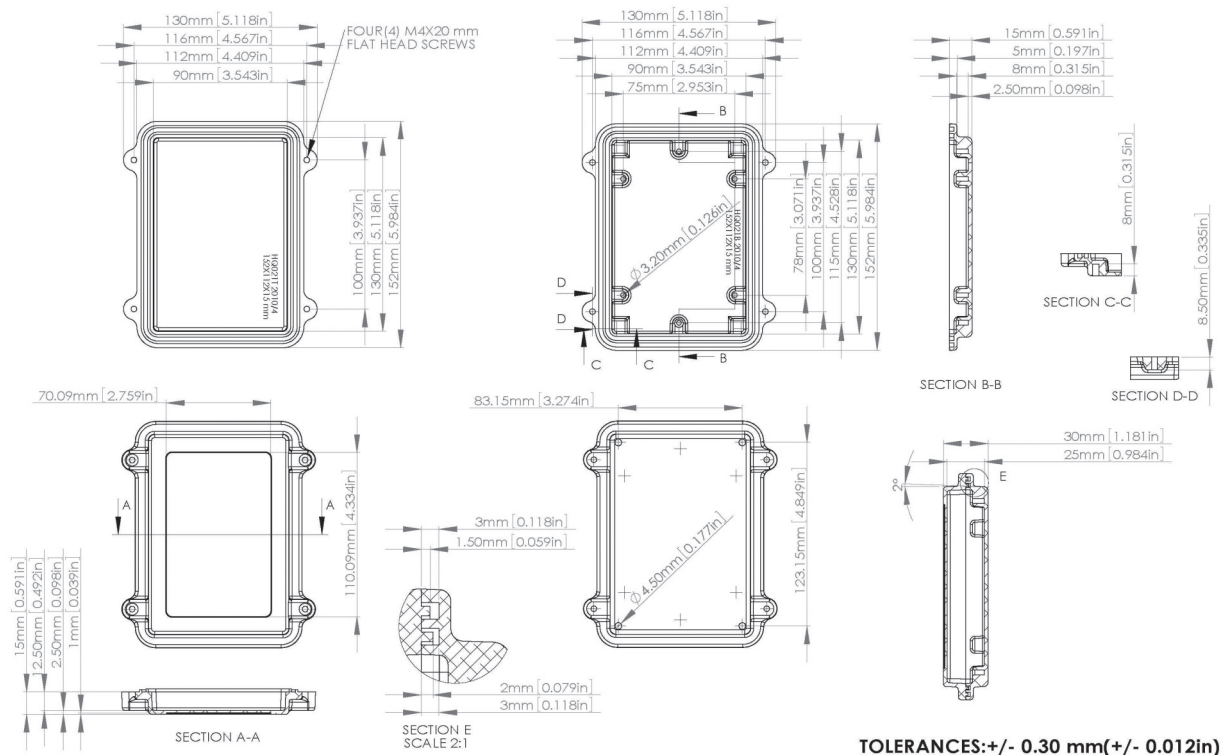
ITEM NO	DESCRIPTION
HQ016	NATURAL ALUMINIUM BOX(WITOUT THE GASKET)
HQ016S	@@ IP67 RATING @@(WITH THE SILICON GASKET)
HQ016EMS	@@ IP67 RATING @@(WITH THE SILICON & SHIELDED GASKET)

MATERIAL: ALUMINIUM ALLOY #ADC-12

FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

1) SIX(6) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
2) ALL HOLE DIAMETERS HAVE ±0.10mm TOLERANCE.
ALL OTHER DIMENSIONS HAVE ±0.30 mm TOLERANCE

HQ021



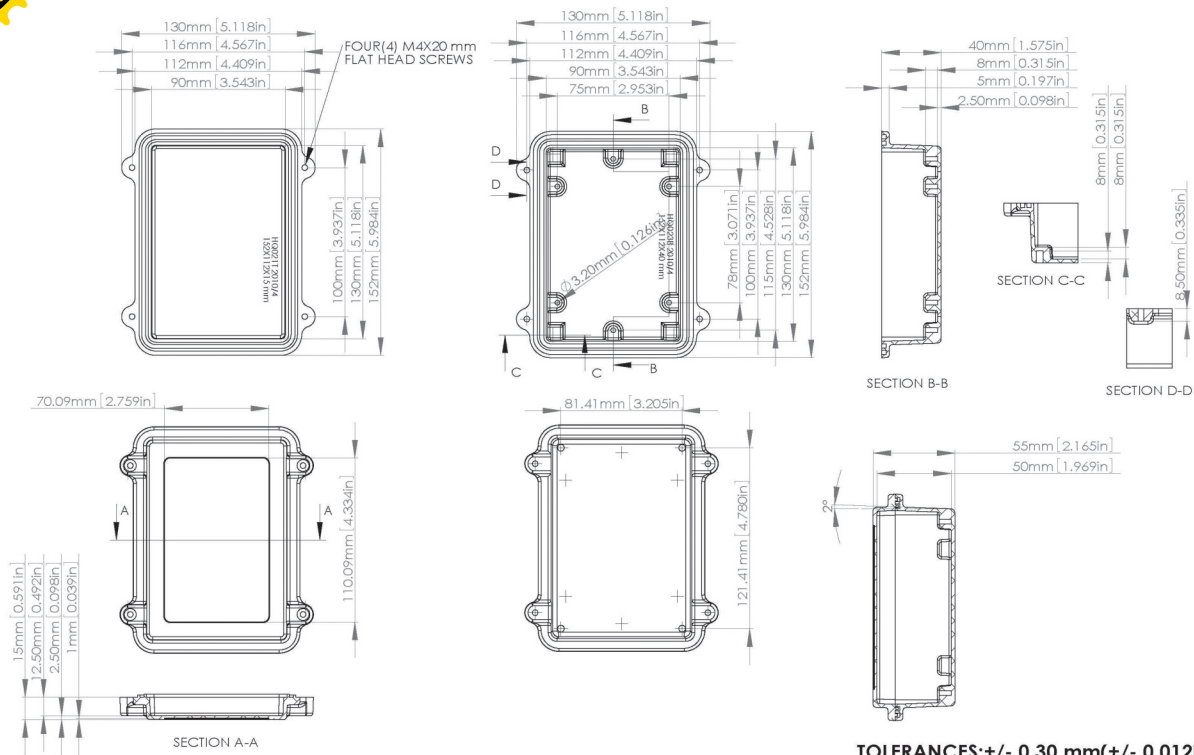
ITEM NO	DESCRIPTION
HQ021	NATURAL ALUMINIUM BOX(WITOUT THE GASKET)
HQ021S	@@ IP67 RATING @@(WITH THE SILICON GASKET)
HQ021EMS	@@ IP67 RATING @@(WITH THE SILICON & SHIELDED GASKET)

MATERIAL: ALUMINIUM ALLOY #ADC-12

FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
2) ALL HOLE DIAMETERS HAVE ±0.10mm TOLERANCE.
ALL OTHER DIMENSIONS HAVE ±0.30 mm TOLERANCE

HQ023



TOLERANCES: +/- 0.30 mm (+/- 0.012in)

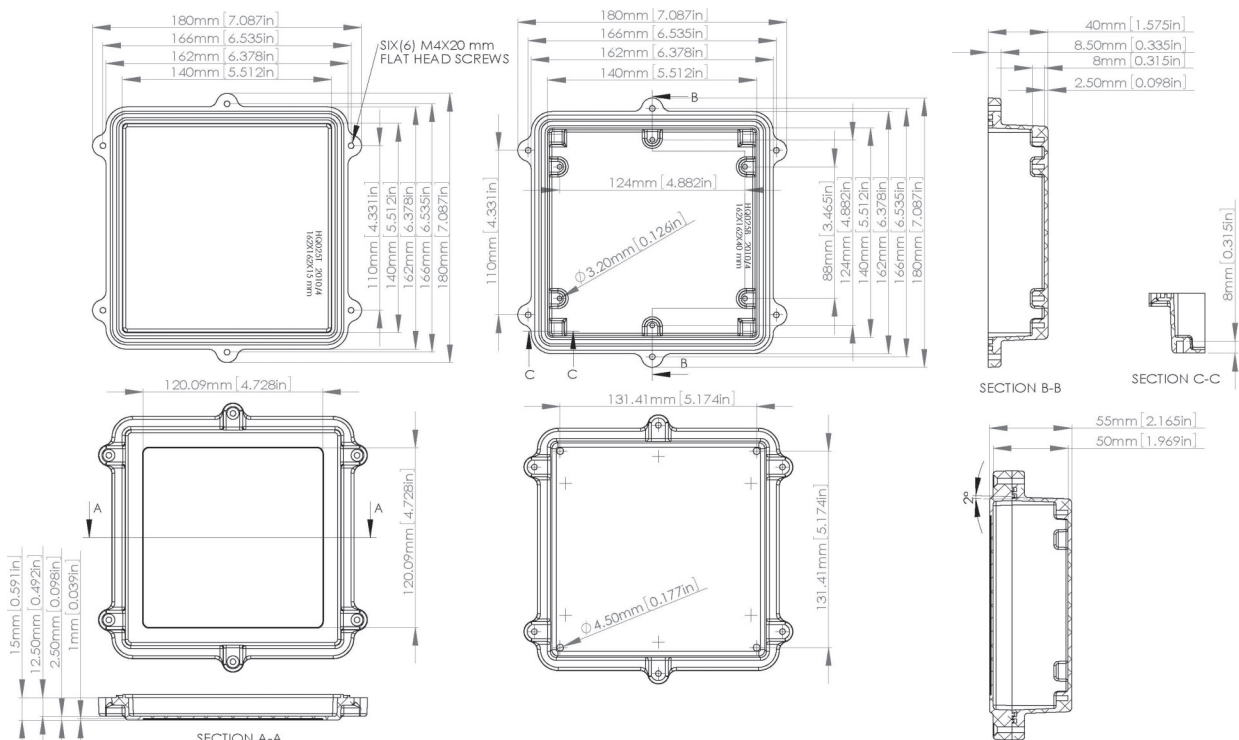
ITEM NO	DESCRIPTION
HQ023	NATURAL ALUMINIUM BOX(WITOUT THE GASKET)
HQ023S	@@ IP67 RATING @@(WITH THE SILICON GASKET)
HQ023EMS	@@ IP67 RATING @@(WITH THE SILICON & SHIELDED GASKET)

MATERIAL: ALUMINIUM ALLOY #ADC-12

FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
2) ALL HOLE DIAMETERS HAVE ±0.10mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ±0.30 mm TOLERANCE

HQ025



TOLERANCES: +/- 0.30 mm (+/- 0.012in)

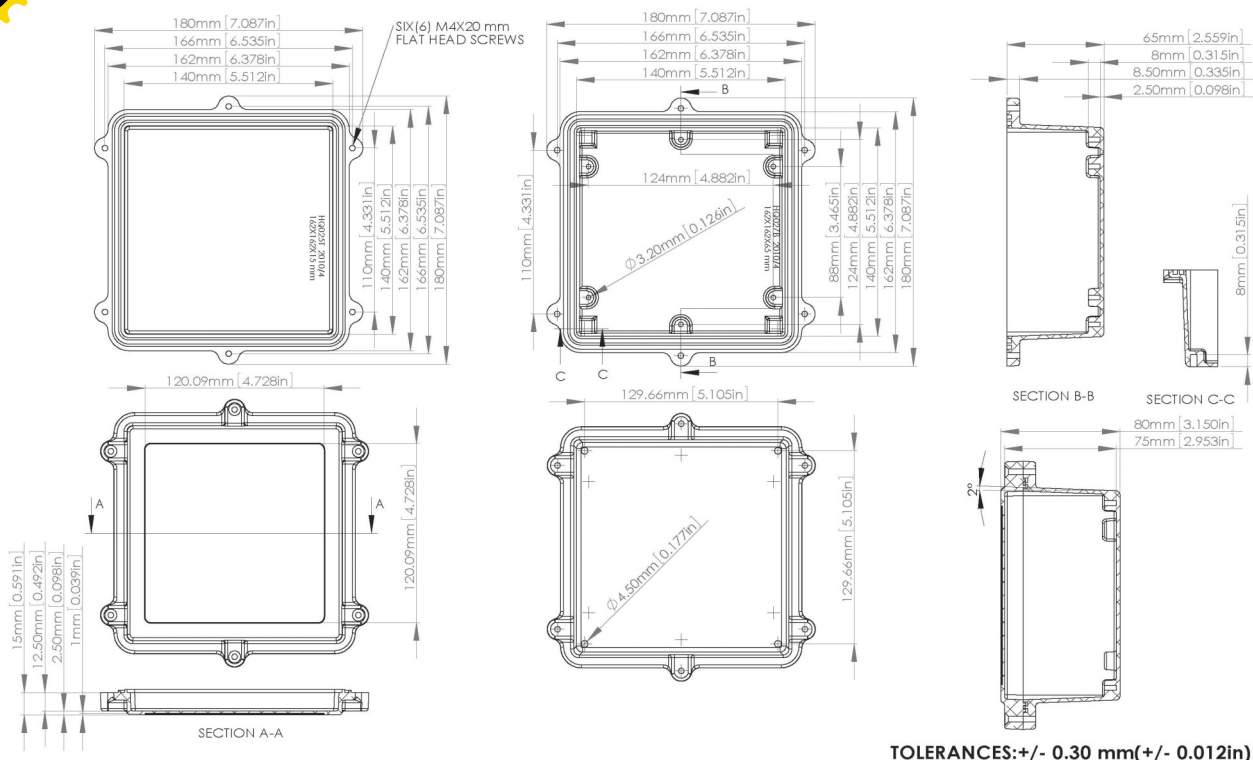
ITEM NO	DESCRIPTION
HQ025	NATURAL ALUMINIUM BOX(WITOUT THE GASKET)
HQ025S	@@ IP67 RATING @@(WITH THE SILICON GASKET)
HQ025EMS	@@ IP67 RATING @@(WITH THE SILICON & SHIELDED GASKET)

MATERIAL: ALUMINIUM ALLOY #ADC-12

FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

1) SIX(6) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
2) ALL HOLE DIAMETERS HAVE ±0.10mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ±0.30 mm TOLERANCE

HQ027



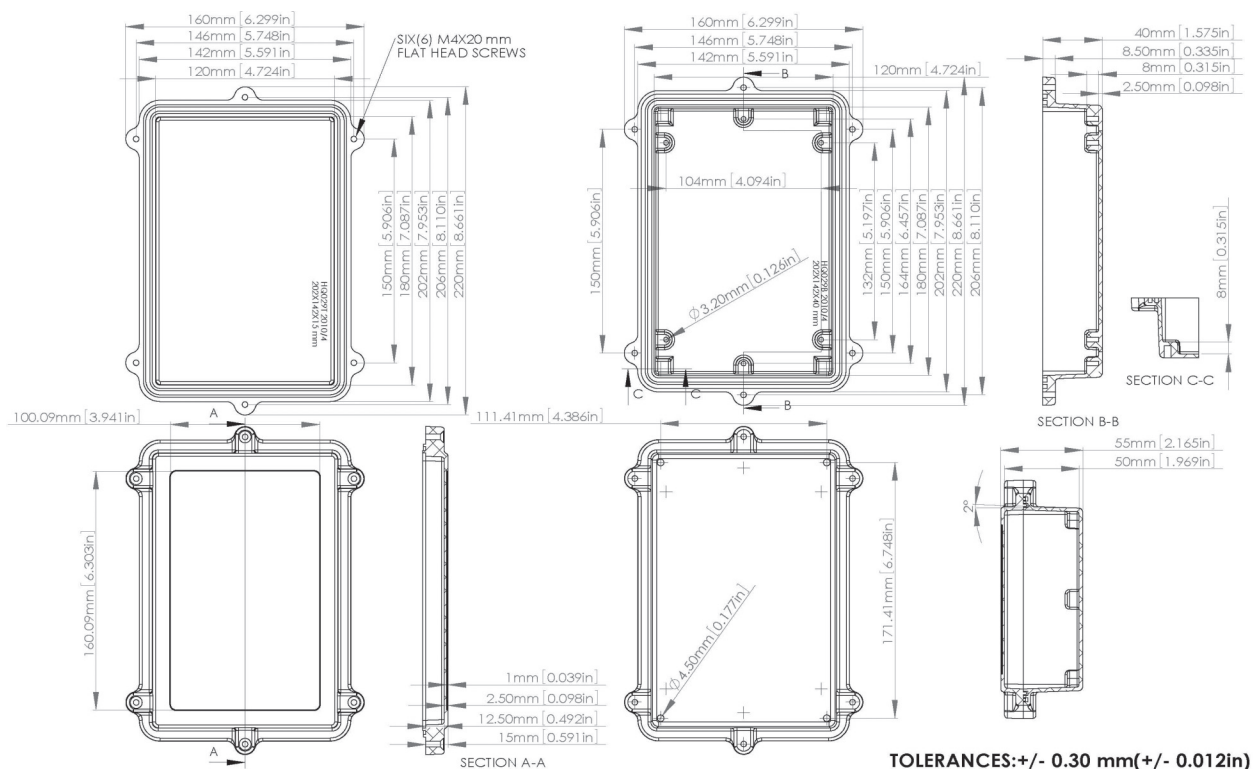
ITEM NO	DESCRIPTION
HQ027	NATURAL ALUMINIUM BOX(WITOUT THE GASKET)
HQ027S	@@ IP67 RATING @@(WITH THE SILICON GASKET)
HQ027EMS	@@ IP67 RATING @@(WITH THE SILICON & SHIELDED GASKET)

MATERIAL: ALUMINIUM ALLOY #ADC-12

FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

1) SIX(6) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
2) ALL HOLE DIAMETERS HAVE +0.10mm TOLERANCE
ALL OTHER DIMENSIONS HAVE +0.30 mm TOLERANCE

HQ029



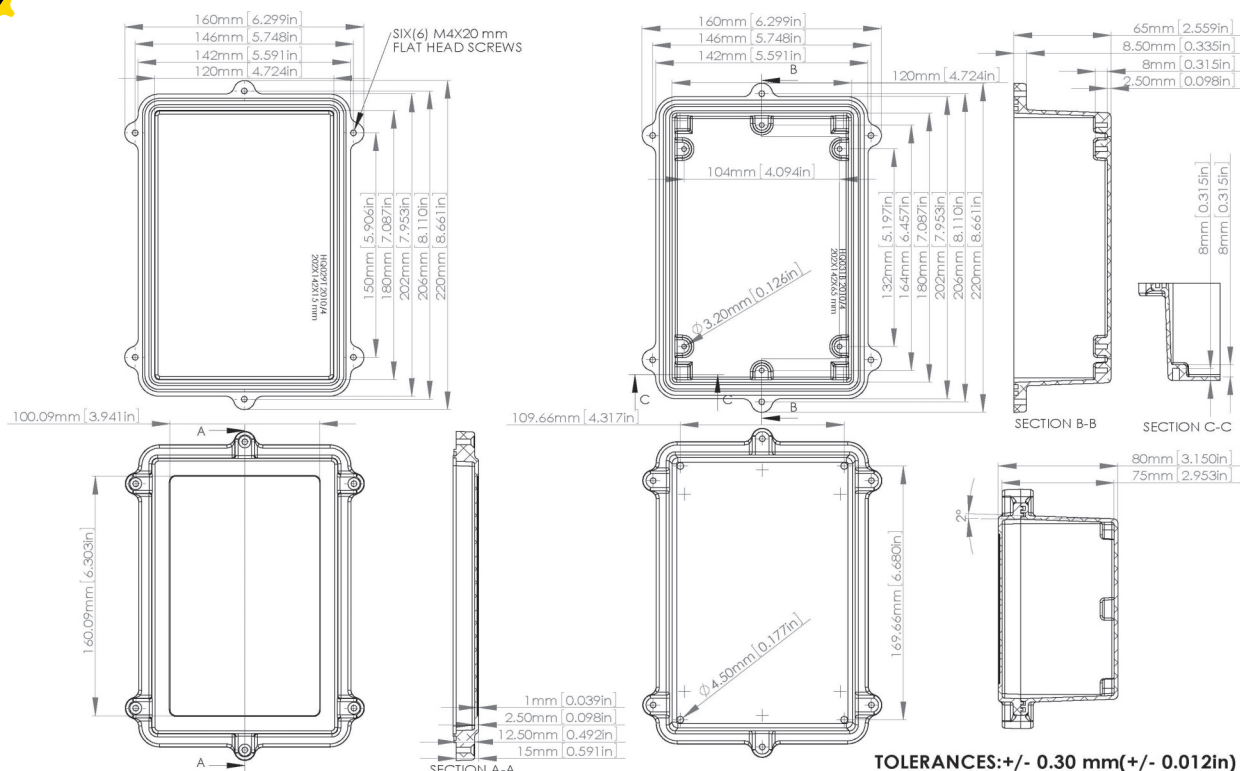
ITEM NO	DESCRIPTION
HQ029	NATURAL ALUMINIUM BOX(WITOUT THE GASKET)
HQ029S	@@ IP67 RATING @@(WITH THE SILICON GASKET)
HQ029EMS	@@ IP67 RATING @@(WITH THE SILICON & SHIELDED GASKET)

MATERIAL: ALUMINIUM ALLOY #ADC-12

FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

1) SIX(6) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
2) ALL HOLE DIAMETERS HAVE +0.10mm TOLERANCE
ALL OTHER DIMENSIONS HAVE +0.30 mm TOLERANCE

Q031



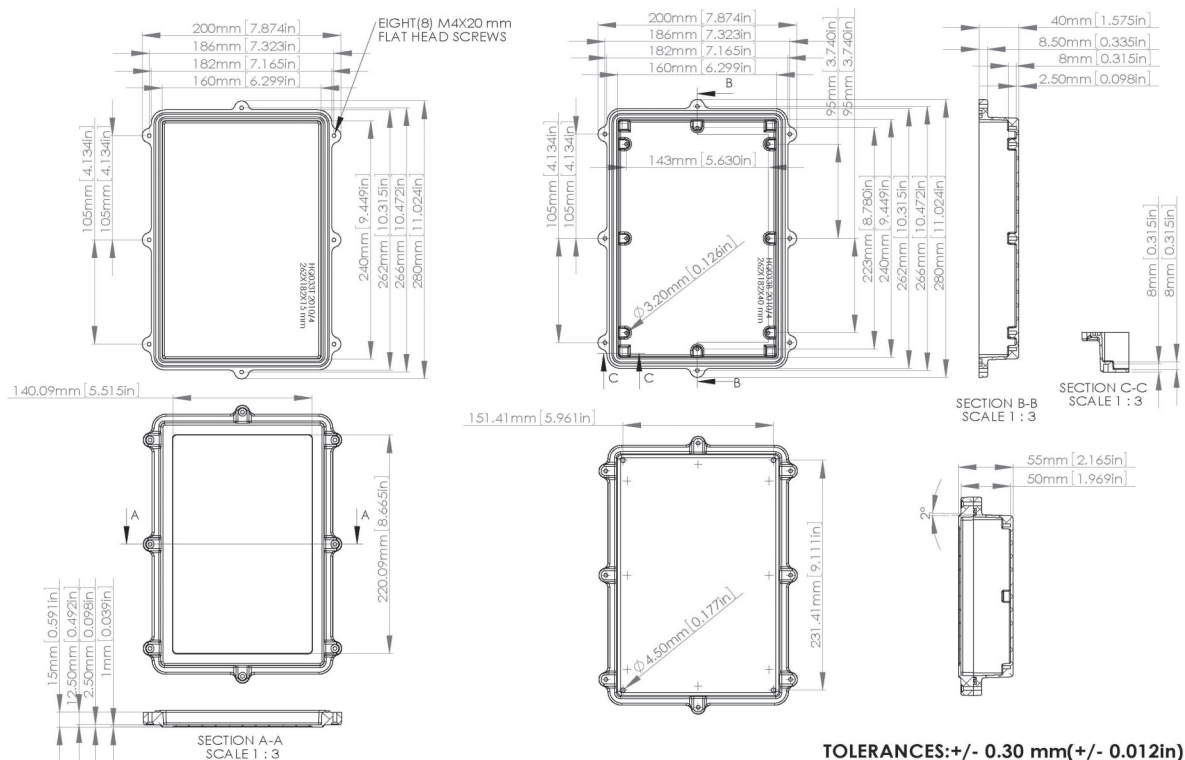
ITEM NO	DESCRIPTION
HQ031	NATURAL ALUMINIUM BOX(WITOUT THE GASKET)
HQ031S	@@ IP67 RATING @@(WITH THE SILICON GASKET)
HQ031EMS	@@ IP67 RATING @@(WITH THE SILICON & SHIELDED GASKET)

MATERIAL: ALUMINIUM ALLOY #ADC-12

FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

1) SIX(6) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
2) ALL HOLE DIAMETERS HAVE +0.10mm TOLERANCE
ALL OTHER DIMENSIONS HAVE +0.30 mm TOLERANCE

HQ033



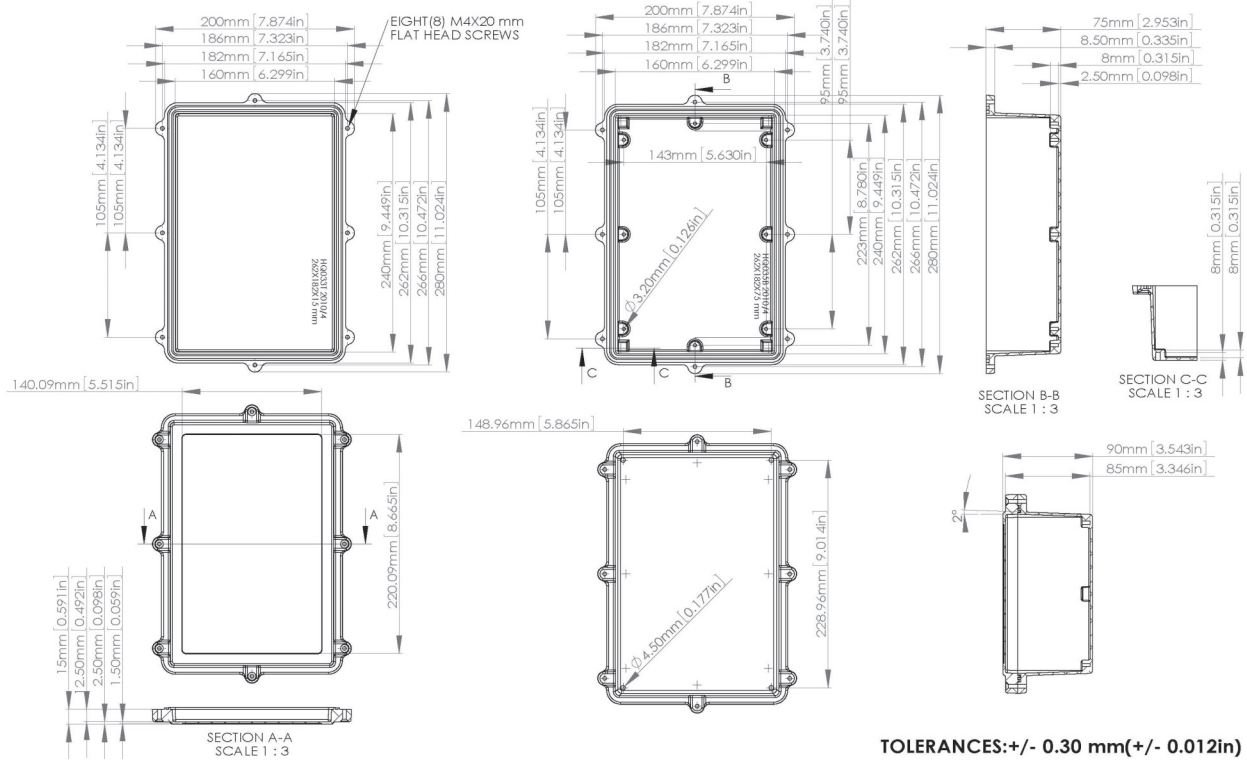
ITEM NO	DESCRIPTION
HQ033	NATURAL ALUMINIUM BOX(WITOUT THE GASKET)
HQ033S	@@ IP67 RATING @@(WITH THE SILICON GASKET)
HQ033EMS	@@ IP67 RATING @@(WITH THE SILICON & SHIELDED GASKET)

MATERIAL: ALUMINIUM ALLOY #ADC-12

FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

1) EIGHT(8) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
2) ALL HOLE DIAMETERS HAVE +0.10mm TOLERANCE
ALL OTHER DIMENSIONS HAVE +0.30 mm TOLERANCE

Q035



ITEM NO	DESCRIPTION
HQ035	NATURAL ALUMINIUM BOX(WITOUT THE GASKET)
HQ035S	@@ IP67 RATING @@(WITH THE SILICON GASKET)
HQ035EMS	@@ IP67 RATING @@(WITH THE SILICON & SHIELDED GASKET)

MATERIAL: ALUMINIUM ALLOY #ADC-12

FINISH: NATURAL (NO SUFFIX)
GRAY (SUFFIX -LG)
BLACK (SUFFIX -BK)

EIGHT(8) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
② ALL HOLE DIAMETERS HAVE $\pm 0.10 \text{ mm}$ TOLERANCE
ALL OTHER DIMENSIONS HAVE $\pm 0.30 \text{ mm}$ TOLERANCE