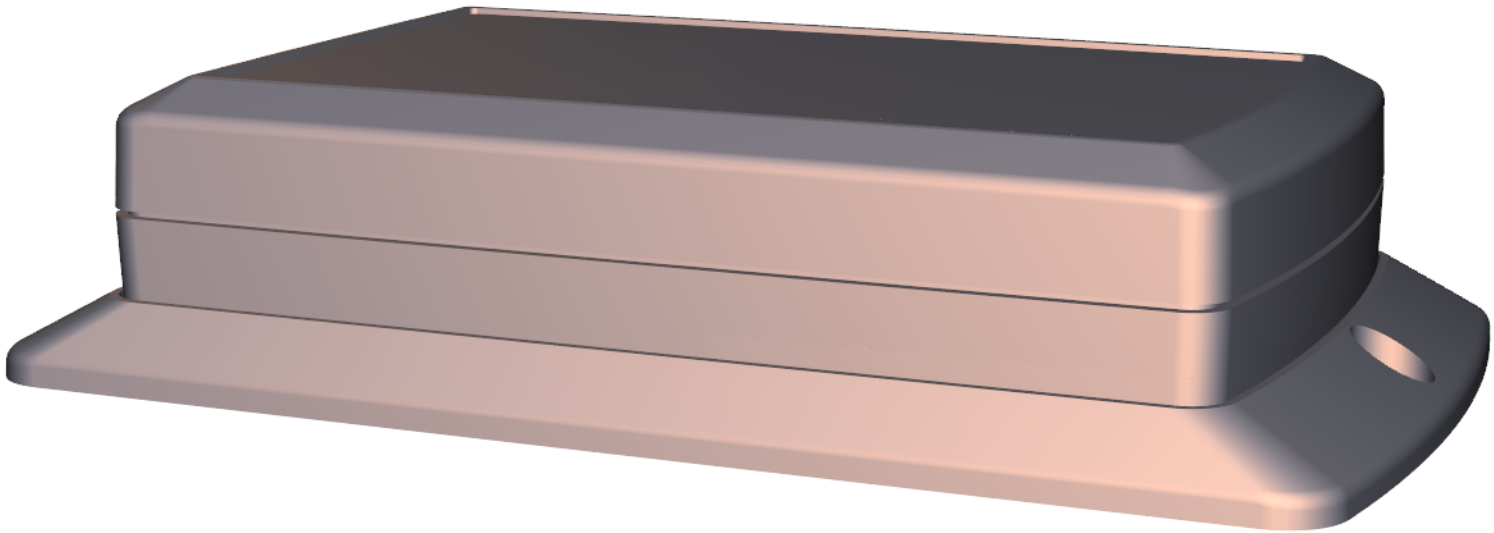

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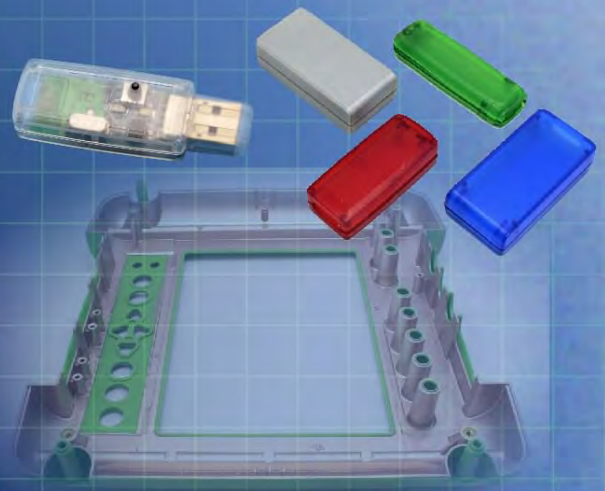

nqa. AS9100 Registered

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off-the-shelf
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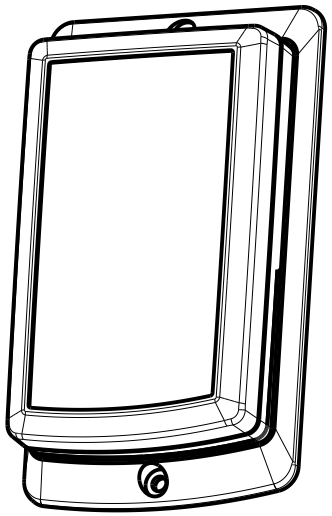
NAE Cover H8 Boyer

NOTES: UNLESS OTHERWISE SPECIFIED

1. CORNERS DRAWN SHARP TO BE R.005 MAXIMUM.
2. EXTERIOR SURFACE TEXTURE TO BE LIGHT EDM FINISH. EQUIVELANT TO MT-11010.
3. INTERIOR SURFACE TEXTURE: NONE.
4. ALL INSIDE RADII .010R. ALL OUTSIDE RADII .020R MAX, UNLESS OTHERWISE SPECIFIED.
5. ALL EXTERNAL DIMENSIONS AFFECTED BY THE DRAFT APPLY AT THE LARGE END OF THE FEATURE, AND ALL INTERNAL FEATURES AFFECTED BY THE DRAFT APPLY AT THE SMALL END OF THE FEATURE UNLESS OTHERWISE SPECIFIED.
6. 1 DEGREE DRAFT IN THE DIRECTION OF PULL IS PERMISSIBLE UNLESS OTHERWISED SPECIFIED.
7. MATERIAL / COLOR: ABS PLASTIC IS STANDARD IN BLACK OR WHITE. CUSTOM MATERIALS AND COLORS MAY BE AVAILABLE UPON REQUEST FOR QUOTE.
8. PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL SIZES AND VERIFICATION OF IT'S FIT ARE THE SOLE RESPONSIBILITY OF EACH OEM.
9. CUSTOM LABEL RECESSES MAY BE AVAILABLE UPON REQUEST FOR QUOTE.
10. ASSEMBLY SCREWS PROVIDED. PCB SCREWS AND BATTERY CONTACTS SOLD SEPERATELY.
11. ANY SPECIFIC DIMENSIONS NOT PROVIDED HERE CAN BE OBTAINED FROM OUR SOLID MODELS (.STEP), AVAILABLE AT OUR WEBSITE. MODIFIED CUSTOMER MODELS ARE AVAILABLE UPON REQUEST.

REVISION					
REV.	DRAWN BY	ECO No	DESCRIPTION	DATE	APPROVED
1	M BOYER	---	RELEASE	27-Jun-09	D.C.
3	M BOYER	3109	CONSOLIDATE ALL 442710 CONFIG INTO ONE DOCUMENT	05-Sep-09	D.C.
4	M BOYER	3809	INCREASE HATCH RELIEF TOLERANCE	27-Oct-09	D.C.
4.1	M BOYER	0710	UPDATE FORMAT	26-Mar-10	



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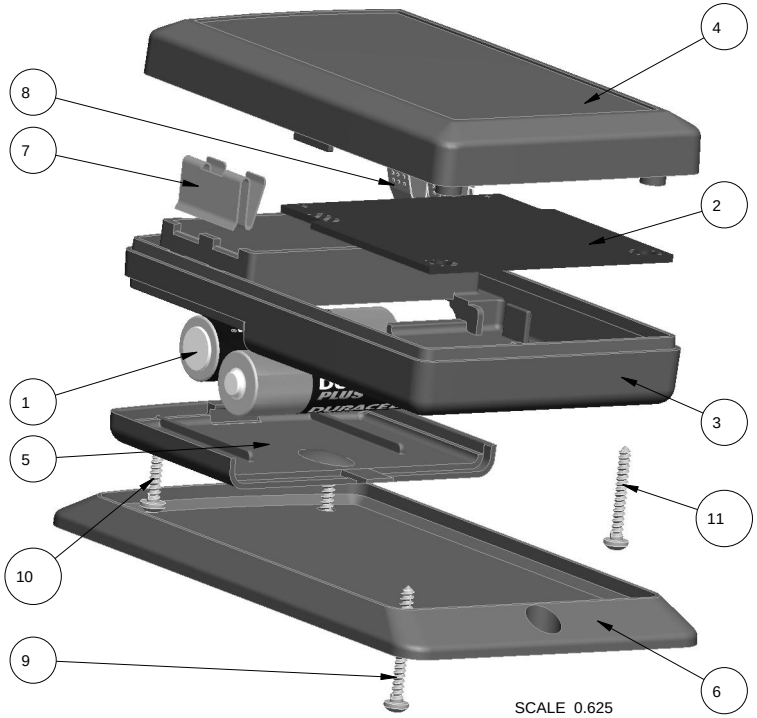

SCALE 0.625

S442710(x) CONFIGURATIONS				
	-Blank	-WE	-WP	-LCD
S442710 COVER	1	1		
S442710 COVER W/ LCD CUTOUT				1
S442710 BATTERY BASE	1	1		1
S442710 WALL BASE		1	1	
S442710 HATCH	1	1		1
#4 HiLo SCREW 1.00"		1	1	
#4 HiLo SCREW .750"	2	1		2
#4 HiLo SCREW .500"	2	2		2
SINGLE AA CLIP	2*	2*		2*
DOUBLE AA CLIP	1*	1*		1*

* = SOLD SEPERATELY

ITEM	FILE NAME	DESCRIPTION	MATERIAL	COLOR	QTY.
11	NO_4_750_SCREW	HiLo4 x 3/4"	S-HiLo x 3/4"	ZINC PLATED	1
10	NO_4_500_SCREW	HiLo4 x 1/2"	S-HiLo x 1/2"	ZINC PLATED	1
9	NO_4_1000_SCREW	HiLo4 x 1"	S-HiLo x 1.0"	ZINC PLATED	2
8	SM_CLIP	PartNo: 209	SINGLE AA	NICKEL PLATED	2
7	LG_CLIP	PartNo:210	DOUBLE AA	NICKEL PLATED	1
6	442710-WALL	S442710 WALL - STANDARD	ABS	BLACK or WHITE	1
5	442710-HATCH	S442710WE HATCH - STANDARD	ABS	BLACK or WHITE	1
4	442710-COVER	S442710 COVER - STANDARD	ABS	BLACK or WHITE	1
3	442710-BASE	S442710 BASE - STANDARD	ABS	BLACK or WHITE	1
2	442710-PCB	REFERENCE ONLY	CUSTOMER SUPPLIED	.062" THICK	1
1	AA_BATTERY	REFERENCE ONLY	CUSTOMER SUPPLIED	-	2

BILL OF MATERIALS

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

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X.XX = .015 X.XXX = .001
X.XXX = .010 X.X° = 1°

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Customer's Part No: 442710

APPROVAL	BY	DATE
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ENG.		
SCALE		
DRAWN BY	M BOYER	27-Jun-09

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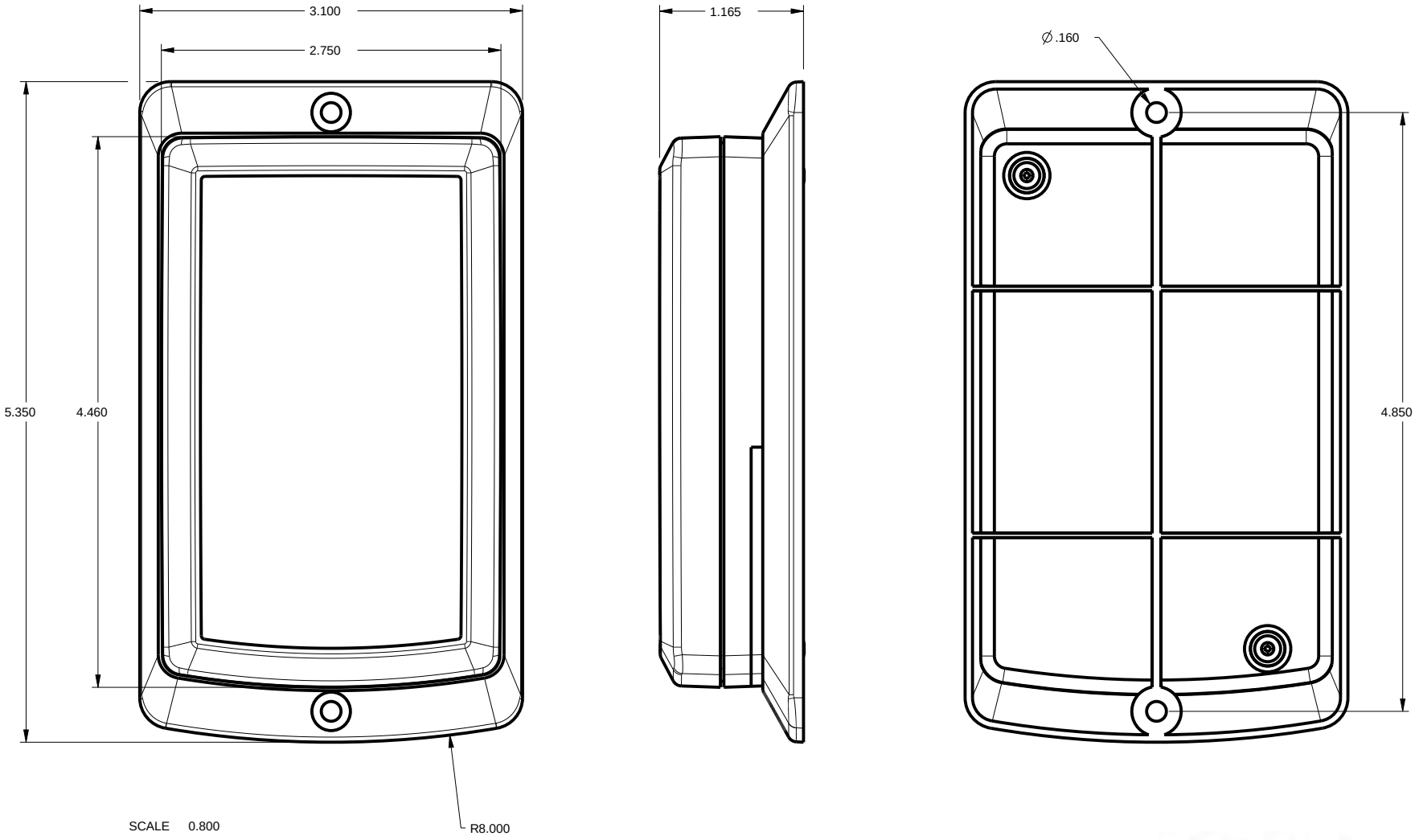
MED. HANDHELD/WALL UTIL. SXX-442710X ASSEMBLY

SIZE	DRAWING NAME	SHEET	REV.DOC
A	442710X_R4_1	1 OF 11	4.1



SCALE 0.800

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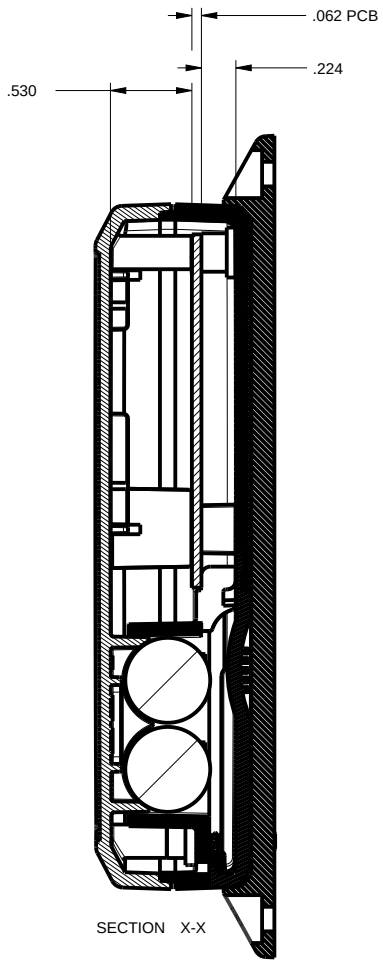
ENG.			
SCALE			
DRAWN BY: M BOYER 27-Jun-09	SIZE: A	DRAWING NAME: 442710X_R4_1	SHEET: 2 OF 11 / REV.DOC: 4.1



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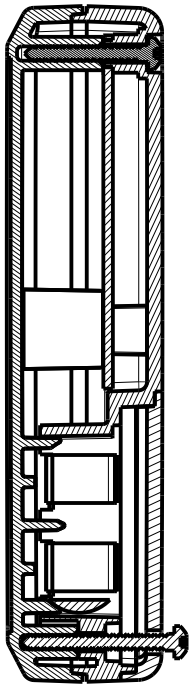

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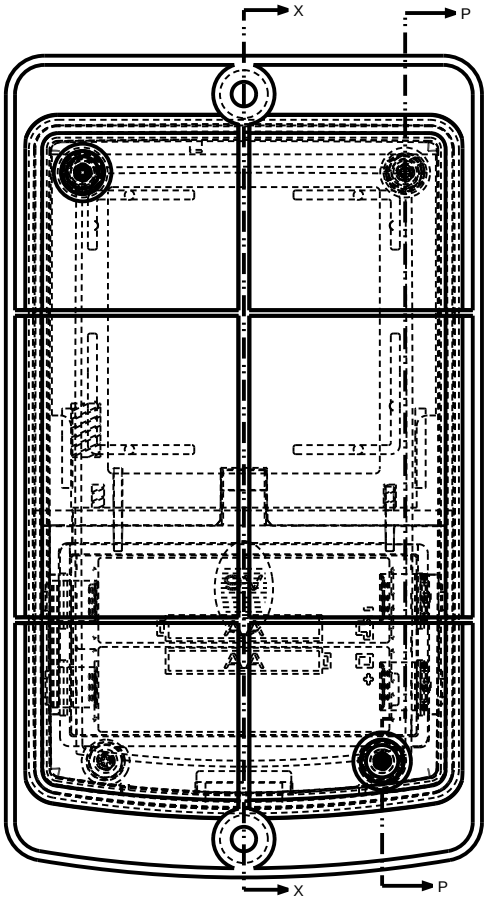

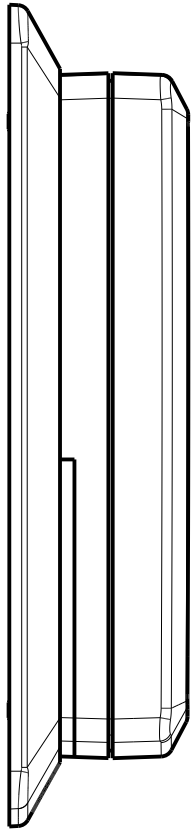

SCALE 0.800

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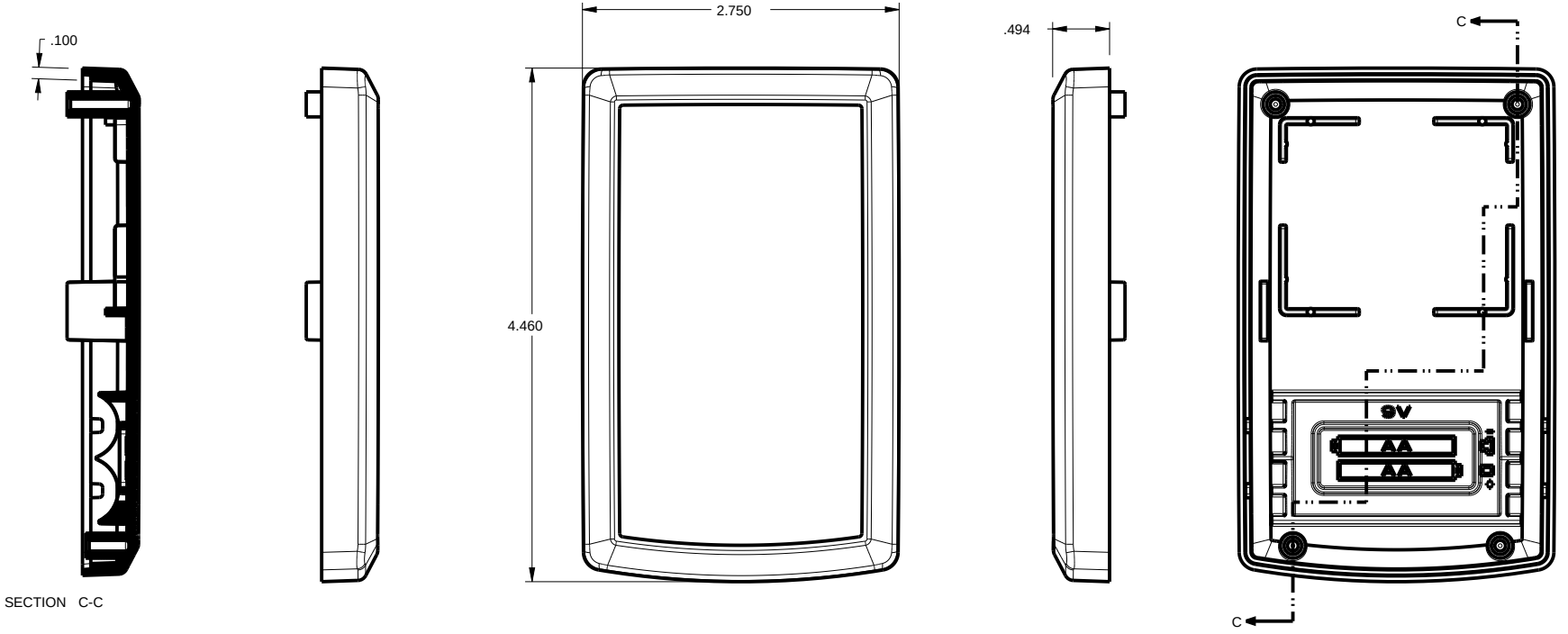
ENG.					
SCALE					
DRAWN BY M BOYER 27-Jun-09		SIZE A	DRAWING NAME 442710X_R4_1	SHEET 3 OF 11	REV.DOC 4.1

442710 COVER



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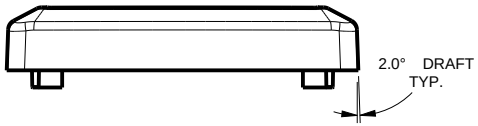

SPECIFIC GEOMETRIC DATA CAN BE OBTAINED FROM THE CAD MODEL AND DOWNLOADED VIA OUR WESITE. ALTERNATE FORMS OF CAD INFORMATION ARE AVAILABLE UPON REQUEST.

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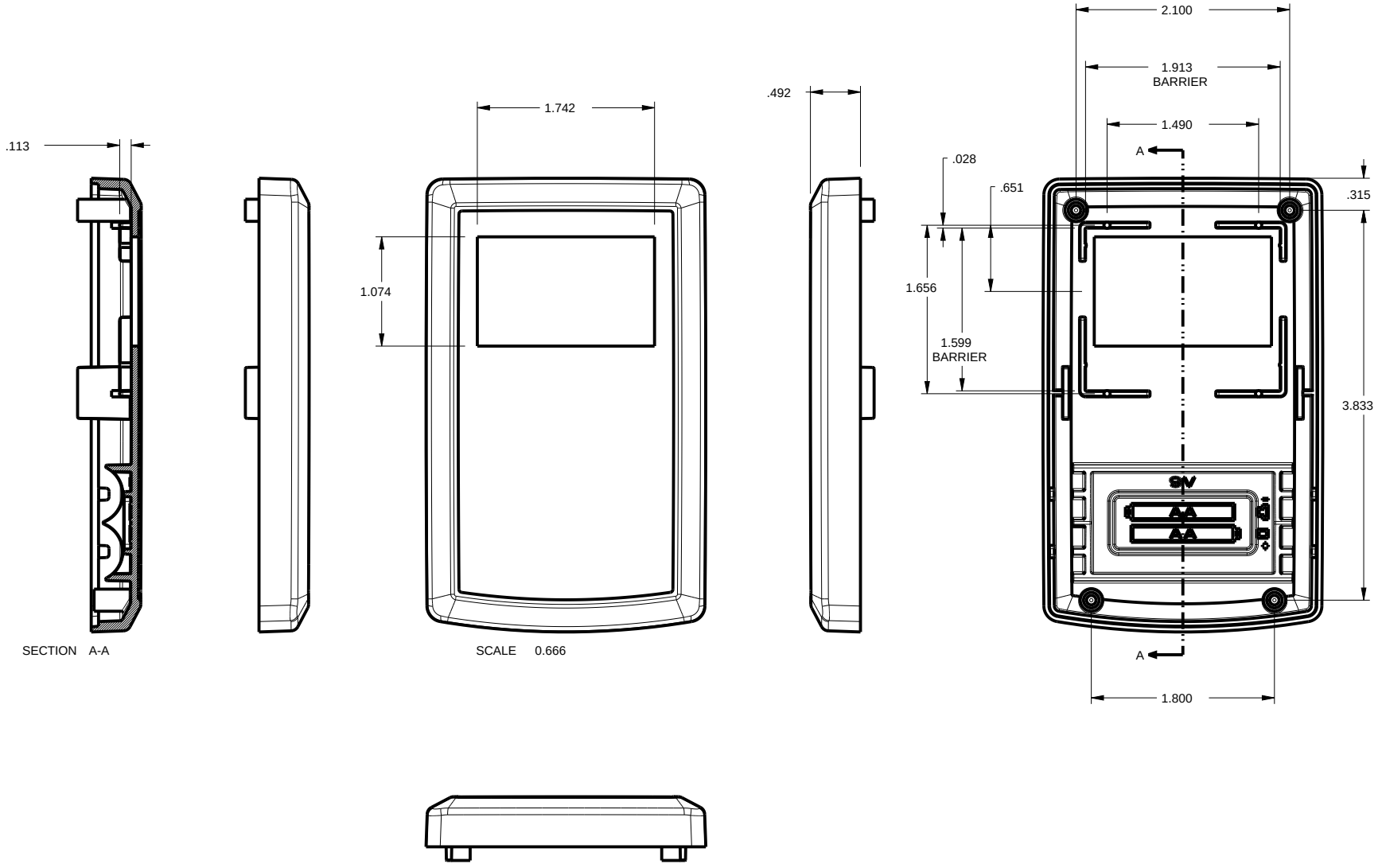
ENG.			
SCALE			
DRAWN BY M BOYER 27-Jun-09	SIZE A	DRAWING NAME 442710X_R4_1	SHEET 4 OF 11 / REV.DOC 4.1

442710 COVER w/ LCD



SECTION A-A

SCALE 0.666

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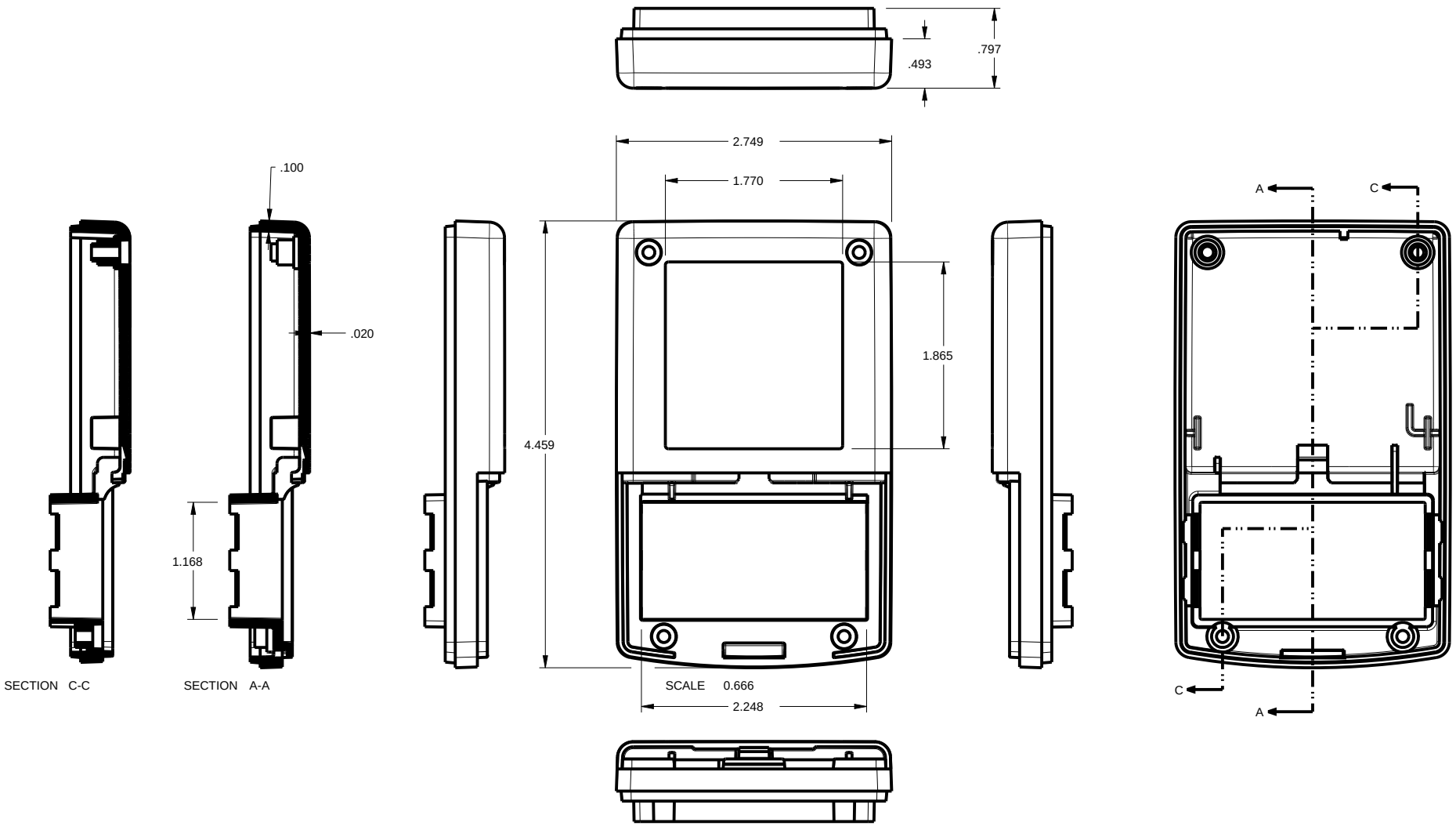
CHECK			
ENG.			
SCALE			
DRAWN BY M BOYER 27-Jun-09	SIZE A	DRAWING NAME 442710X_R4_1	SHEET 5 OF 11 / REV.DOC 4.1

442710 BASE



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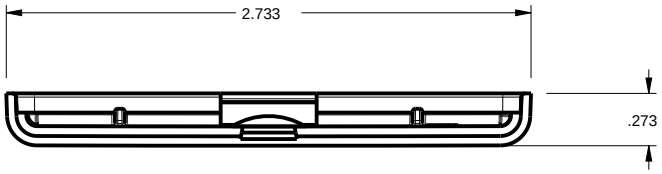
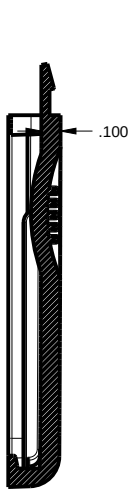
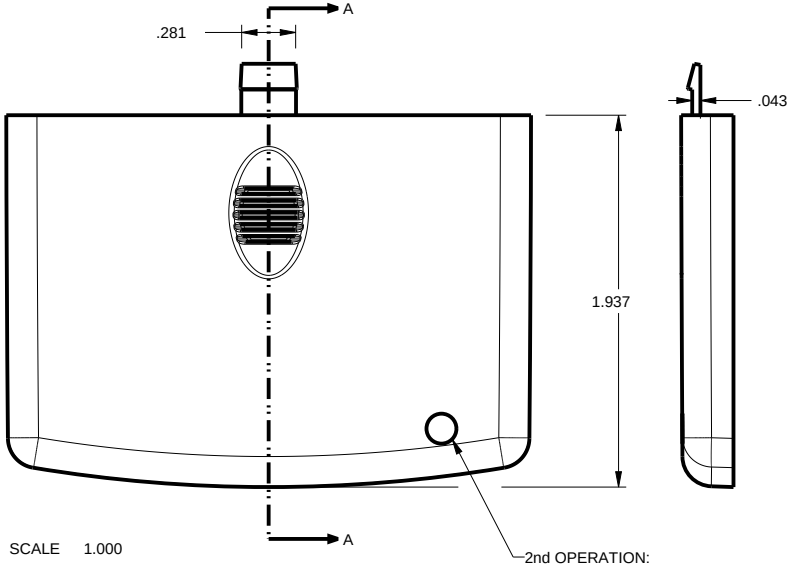
CHECK					
ENG.					
SCALE					
DRAWN BY M BOYER 27-Jun-09	SIZE A	DRAWING NAME 442710X_R4_1	SHEET 6 OF 11	REV.DOC 4.1	

442710 HATCH



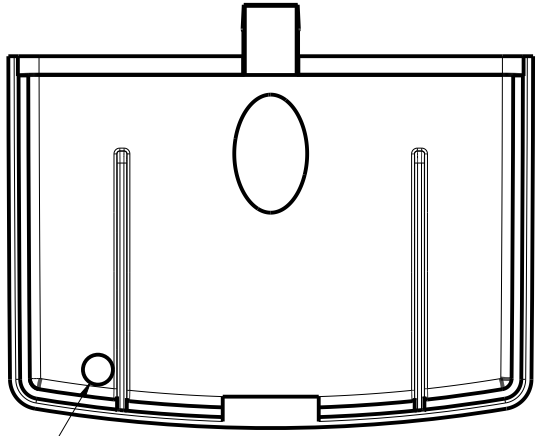


SECTION A-A

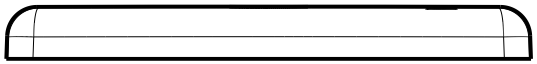


SCALE 1.000

2nd OPERATION:
CLEARANCE FOR ATTACHMENT
OF WALL PLATE (S442710WE)



∅.156



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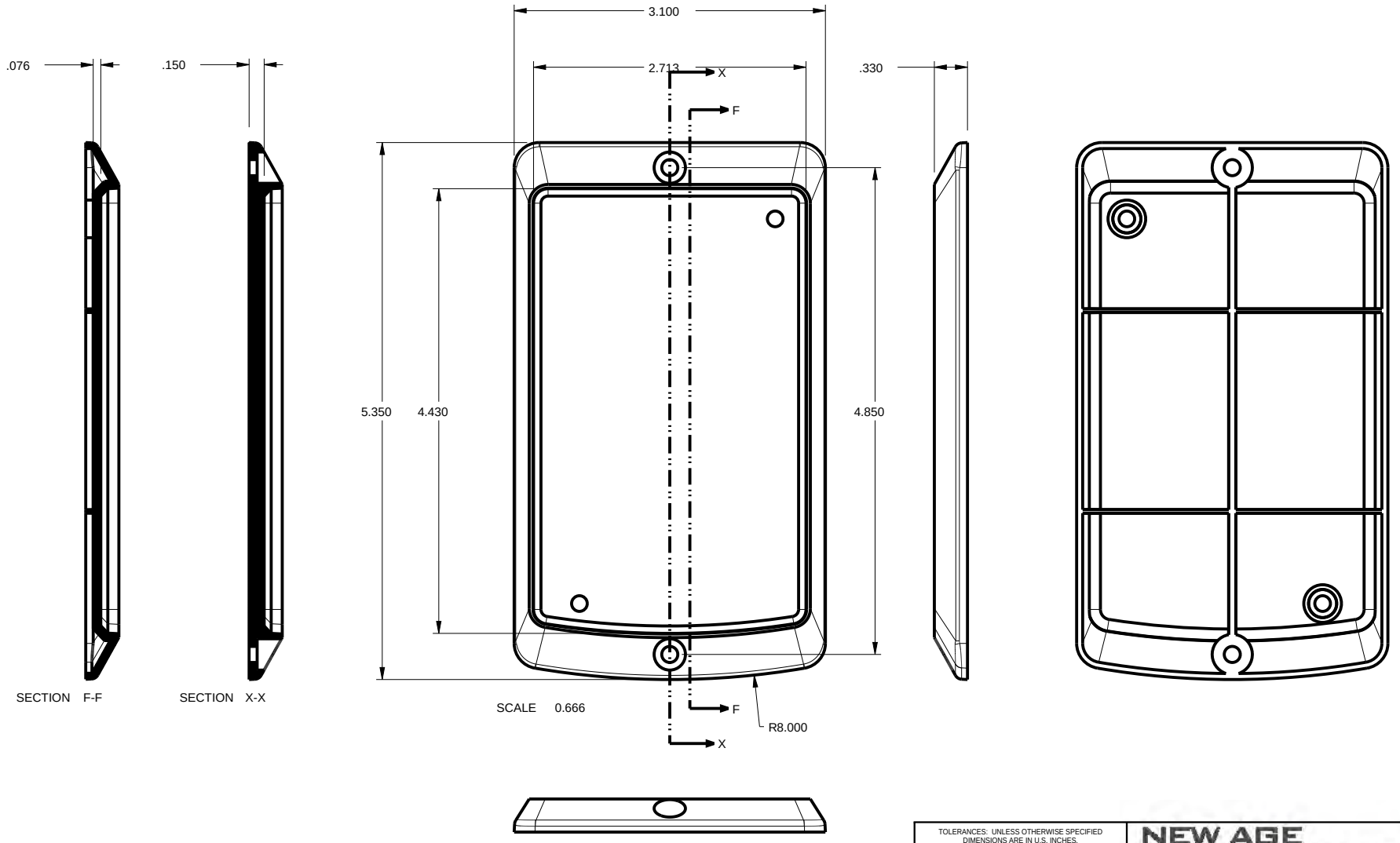
ENG.			
SCALE			
DRAWN BY M BOYER 27-Jun-09		SIZE A / DRAWING NAME 442710X_R4_1	SHEET 7 OF 11 / REV.DOC 4.1

442710 WALL PLATE



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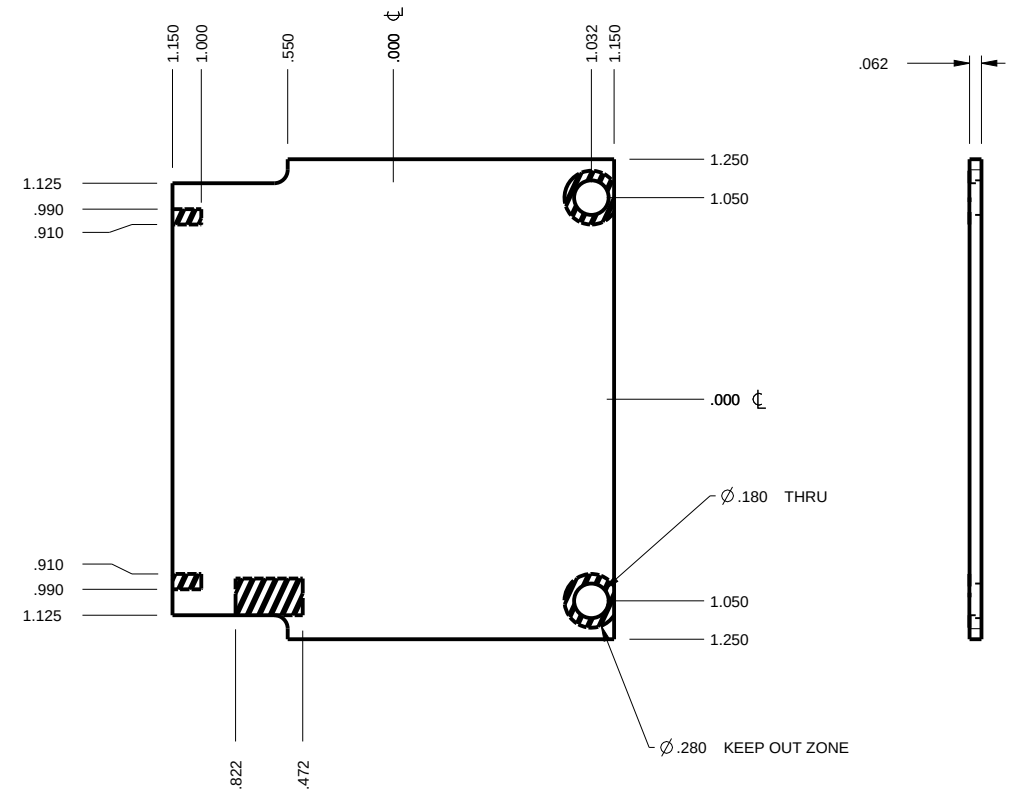
Customer's Part No: 442710			
APPROVAL	BY DATE		
CHECK			
ENG.			
SCALE			
DRAWN BY M BOYER 27-Jun-09	SIZE A	DRAWING NAME 442710X_R4_1	SHEET 8 OF 11 / REV.DOC 4.1

S442710 PCB - CUSTOMER SUPPLIED

PCB SIZES ARE RECOMMENDATIONS ONLY. FINAL
SIZES AND VERIFICATION OF IT'S FIT ARE THE
SOLE RESPONSIBILITY OF THE OEM.



SCALE 1.000

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Customer's Part No: 442710			
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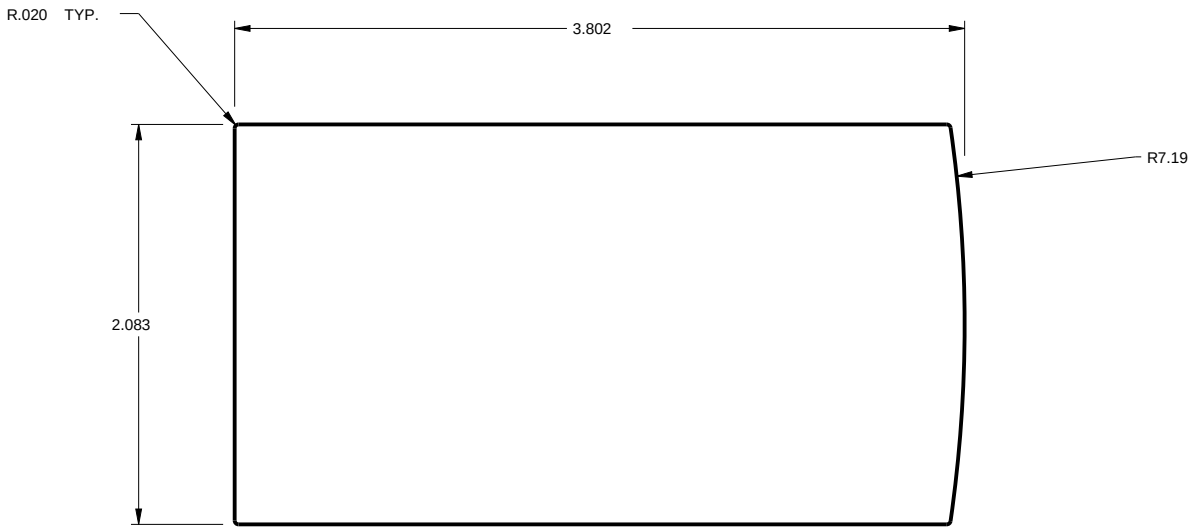
ENG.			
SCALE			
DRAWN BY M BOYER 27-Jun-09	SIZE A	DRAWING NAME 442710X_R4_1	SHEET 9 OF 11 / REV.DOC 4.1

SUGGESTED LABEL SIZE

(w/ .01" minimum gap per side)
CUSTOMER SUPPLIED



SCALE 1.000

TOLERANCES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. INCHES. X.XX = .015 X.XXX = .001 X.XXX = .010 X.X° = 1°			NEW AGE ENCLOSURES 4330 Santa Fe Road San Luis Obispo, CA. 93401 ph. (805) 595-1310 fax (805) 595-1024 www.newageenclosures.com		
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APPROVAL	BY	DATE			
CHECK					
ENG.					
SCALE					
DRAWN BY M BOYER 27-Jun-09	SIZE A	DRAWING NAME 442710X_R4_1	SHEET 10 OF 11	REV.DOC 4.1	

2nd OPERATION DETAILS

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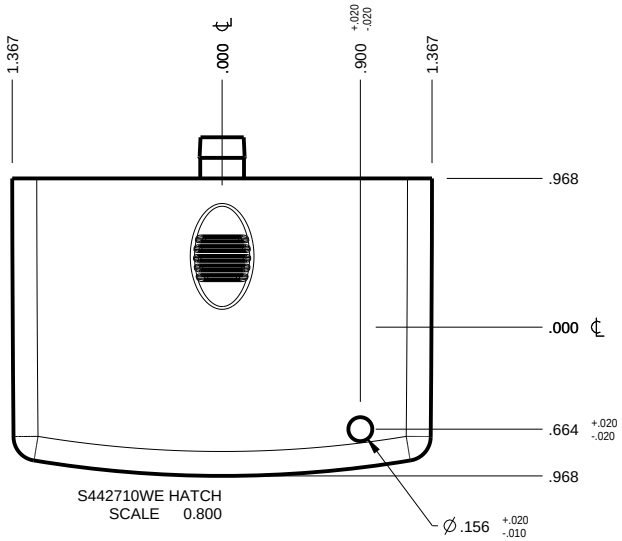
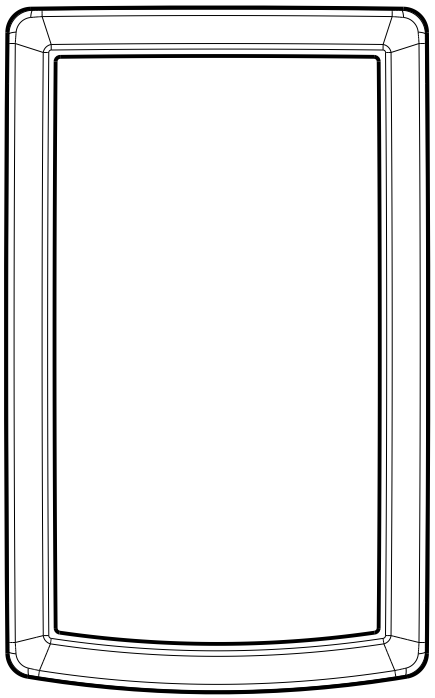
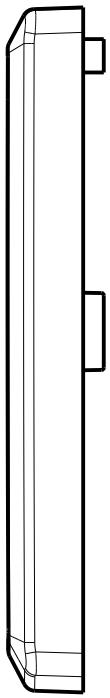
CALL (805) 595-1310 FOR PRICING AND SCHEDULE.
THE INSIDE RADIUS OF ANY MACHINED FEATURES SHOULD BE NO SMALLER THAN .031"



S442710WE HATCH
SCALE 0.800





S442710 COVER
SCALE 0.800

SXX-442710WE-XXX HATCH - ABS, BLACK					
STEP NO	DESCRIPTION	CUTTER	FIXTURE	ORIENTATION	PROGRAM
1	∅.156 ASSEMBLY HOLE	T2 = .062" EM	113	USE ENCLOSURE ASSEMBLY	o4977

SXX-442710-XXX COVER - ABS, BLACK					
STEP NO	DESCRIPTION	CUTTER	FIXTURE	ORIENTATION	PROGRAM
2	-	T2 = .062" EM	113	CENTER BLOCK - RAD. RIGHT	-

SXX-442710-XXX BASE - ABS, BLACK					
STEP NO	DESCRIPTION	CUTTER	FIXTURE	ORIENTATION	PROGRAM
3	-	T2 = .062" EM	113	CENTER BLOCK - RAD. RIGHT	-

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X.XX = .015 X.XXX = .001
X.XXX = .010 X.X° = 1°

NEW AGE ENCLOSURES

Customer's Part No: 442710

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DRAWN BY M BOYER 27-Jun-09

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www.newageenclosures.com

MED. HANDHELD/WALL UTIL.
SXX-442710X ASSEMBLY

SIZE	DRAWING NAME	SHEET	REV.DOC
A	442710X_R4_1	11 OF 11	4.1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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S1A-442710-WE S1A-442710 S3A-442710-WP S3A-442710-WE S3A-442710 S1A-442710-WP S1A-442710LCD

OCEAN CHIPS
Океан Электроники
Поставка электронных компонентов

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «**JONHON**», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «**FORSTAR**».

AVIC JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

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«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).

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Телефон: 8 (812) 309-75-97 (многоканальный)
Факс: 8 (812) 320-03-32
Электронная почта: ocean@oceanchips.ru
Web: http://oceanchips.ru/
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А