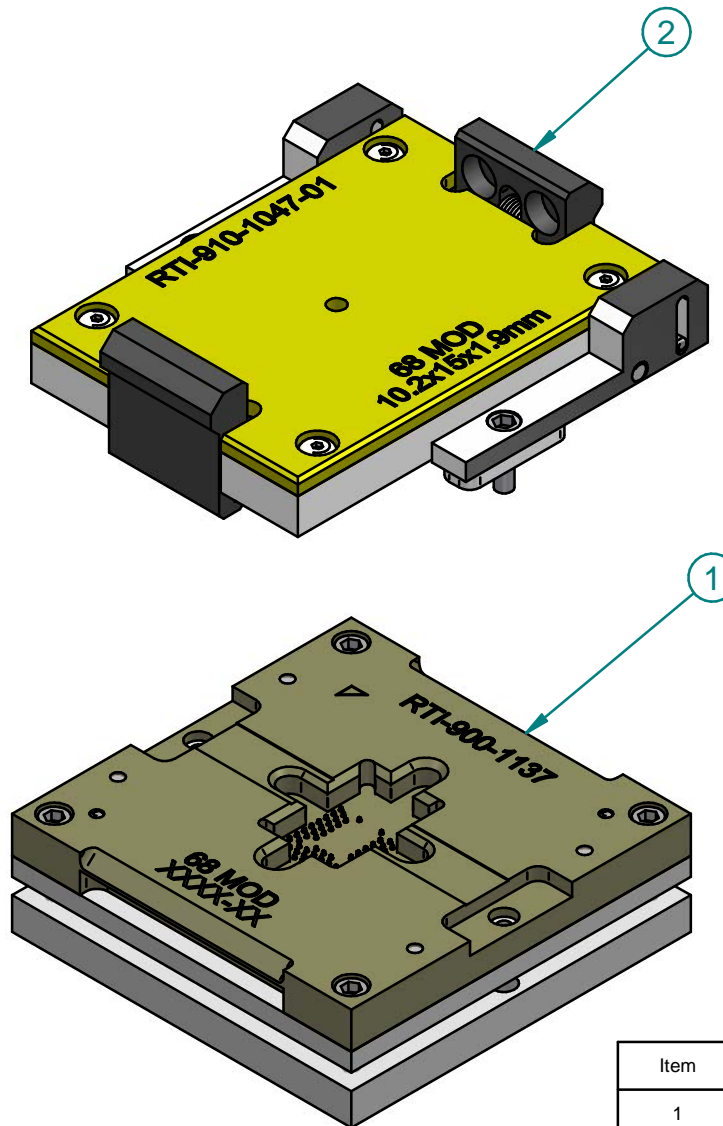


CUSTOMER SPECIFICATION

68 MOD, BLE101

REV	DESCRIPTION	DATE	BY
A	PRELIMINARY DESIGN	05/05/22	ST
B	Updated pressure plate to compress on shield of DUT	05/11/22	ST



Item	Part Number	Rev	Title	Qty.
1	1010562-M	A	Socket Assembly	1
2	1010563-M	A	Hinged Dual Latch Clamshell Lid Assembly	1

RTI CONFIDENTIAL

THESE DRAWINGS AND THE DATA CONTAINED THEREIN, ARE THE EXCLUSIVE PROPERTY OF RTI AND IS ISSUED IN STRICT CONFIDENCE AND SHALL NOT WITHOUT THE WRITTEN PERMISSION OF RTI, BE USED FOR ANY PURPOSE WHATSOEVER, EXCEPT THE MANUFACTURE OF ARTICLES FOR RTI.



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES:
.XX = ± .01
.XXX = ± .002
.XXXX = ± .0005

MATERIAL:
FINISH:

ENG BY: ST

DWN BY: ST

CHECK BY: SG

DATE: 05/05/22



ROBSON TECHNOLOGIES, INC.
135 E. MAIN AVE., STE. 130, MORGAN HILL, CA 95037
PH: 408-779-8008

DRAWING NUMBER: 1010562-C

REV. B PAGE: 1 of 7

TITLE: Customer Specification

RTI CONFIDENTIAL

REV	DESCRIPTION	DATE	BY
A	PRELIMINARY DESIGN	05/05/22	ST
B	Updated pressure plate to compress on shield of DUT	05/11/22	ST

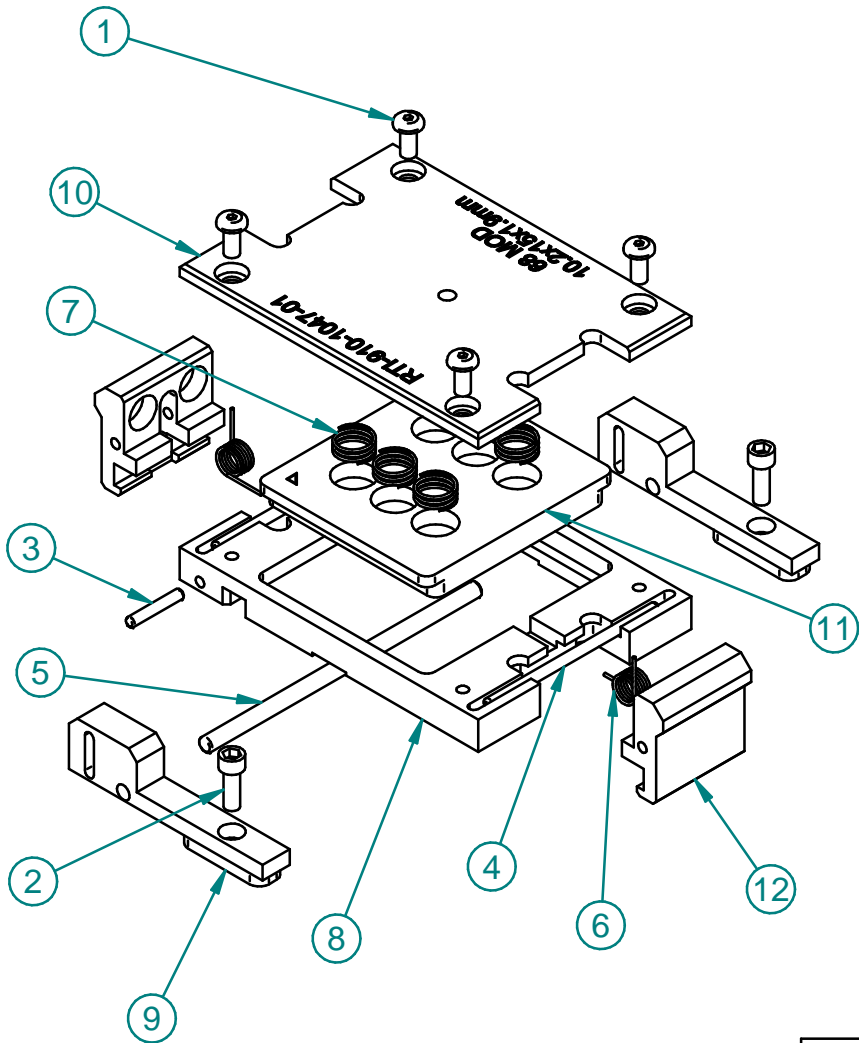
HINGED DUAL LATCH CLAMSHELL LID ASSEMBLY

Sales Part#: 910-1047-01-10.2X15X1.9

Material Specification:

Lid Top/Hinged Lid Bases - Anodized Aluminum

Lid Base/Pressure Plate/Latches - High Performance Plastic



Item	Part Number	Rev	Title	Qty.
1	01-2-56x.187-MA-BNA-SS		Button Head Screw	4
2	01-2-56x.25-MA-SCA-SS		Socket Cap Screw	2
3	02-.0625x.375-S-S		Dowel Pin	2
4	02-.0625x1.25-S-S		Dowel Pin	2
5	02-.093x2-S-S	1	Dowel Pin	1
6	03-.172x.125x.017-TR02-M		Torsion Spring Right-Handed	2
7	03-.24x.50x.016-C-M		Spring	6
8	L-1047-LB-010	B	Lid Base	1
9	L-1047-LHM-001	2	Hinged Lid Base	2
10	L-1047-LT-071	A	Lid Top	1
11	L-1047-P-071	A	Pressure Plate	1
12	L-xxxx-T-042	2	Latch	2

RTI CONFIDENTIAL

WWW.TESTFIXTURES.COM

THESE DRAWINGS AND THE DATA CONTAINED THEREIN, ARE THE EXCLUSIVE PROPERTY OF RTI AND IS ISSUED IN STRICT CONFIDENCE AND SHALL NOT WITHOUT THE WRITTEN PERMISSION OF RTI, BE USED FOR ANY PURPOSE WHATSOEVER, EXCEPT THE MANUFACTURE OF ARTICLES FOR RTI.



MATERIAL:

FINISH:

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES:
.XX = ± .01
.XXX = ± .002
.XXXX = ± .0005

ENG BY: ST

DWN BY: ST

CHECK BY: SG

DATE: 05/05/22



ROBSON TECHNOLOGIES, INC.

135 E. MAIN AVE., STE. 130, MORGAN HILL, CA 95037

PH: 408-779-8008

DRAWING NUMBER: 1010562-C

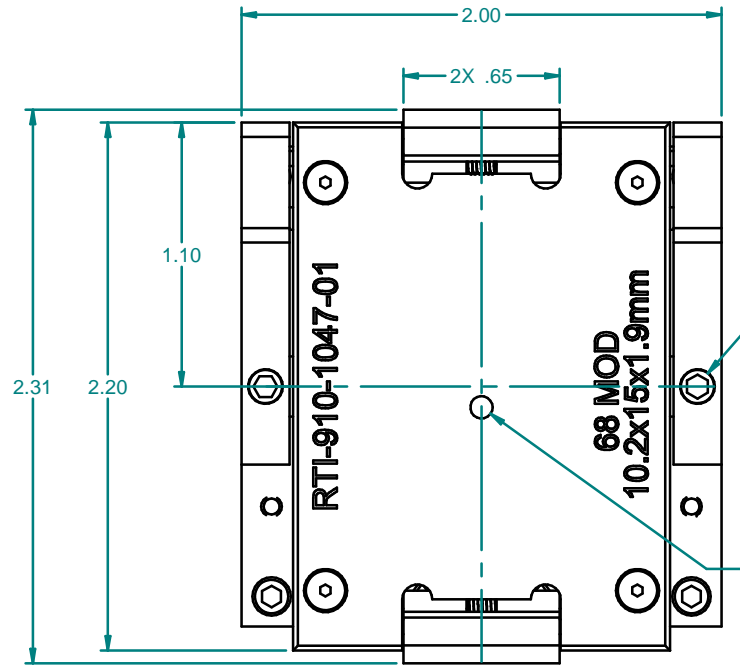
TITLE: Customer Specification

REV. B

PAGE: 2 of 7

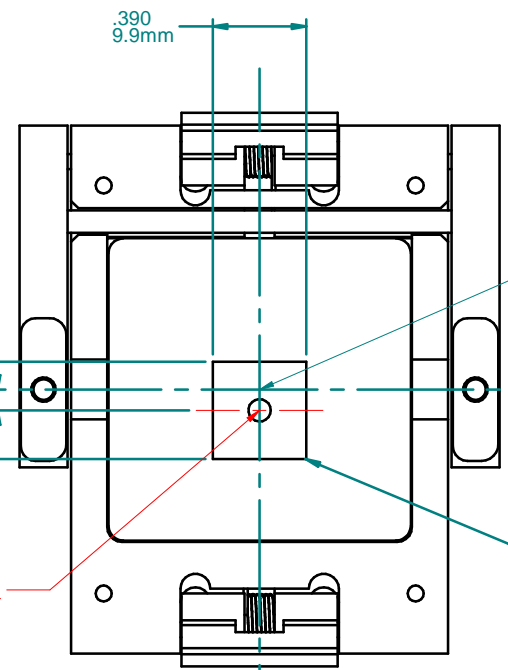
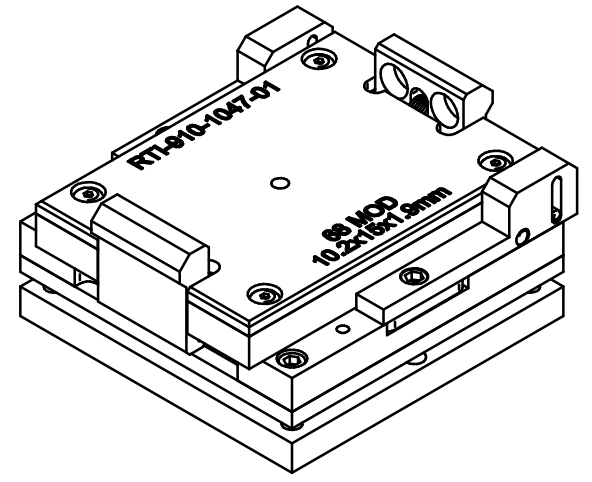
RTI CONFIDENTIAL

REV	DESCRIPTION	DATE	BY
A	PRELIMINARY DESIGN	05/05/22	ST
B	Updated pressure plate to compress on shield of DUT	05/11/22	ST



2X Lid to Socket Mounting Hardware

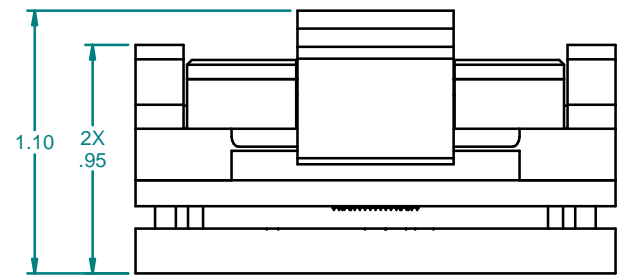
Ø .093 THRU View/Vent Hole






SOCKET ⌀

Pressure Plate will have a total travel of .050" up and down.

SHIELD ⌀



RTI CONFIDENTIAL				WWW.TESTFIXTURES.COM					
THESE DRAWINGS AND THE DATA CONTAINED THEREIN, ARE THE EXCLUSIVE PROPERTY OF RTI AND IS ISSUED IN STRICT CONFIDENCE AND SHALL NOT WITHOUT THE WRITTEN PERMISSION OF RTI, BE USED FOR ANY PURPOSE WHATSOEVER, EXCEPT THE MANUFACTURE OF ARTICLES FOR RTI.	THIRD ANGLE PROJECTION	MATERIAL:	ENG BY:	ST		ROBSON TECHNOLOGIES, INC.			
		FINISH:	DWN BY:	ST		135 E. MAIN AVE., STE. 130, MORGAN HILL, CA 95037			
		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES: .XX = ± .01 .XXXX = ± .002 .XXXXX = ± .0005	CHECK BY:	SG	DRAWING NUMBER:	1010562-C	REV.	PAGE:	
			DATE:	05/05/22	TITLE:		Customer Specification	B	3 of 7

RTI CONFIDENTIAL

REV	DESCRIPTION	DATE	BY
A	PRELIMINARY DESIGN	05/05/22	ST
B	Updated pressure plate to compress on shield of DUT	05/11/22	ST

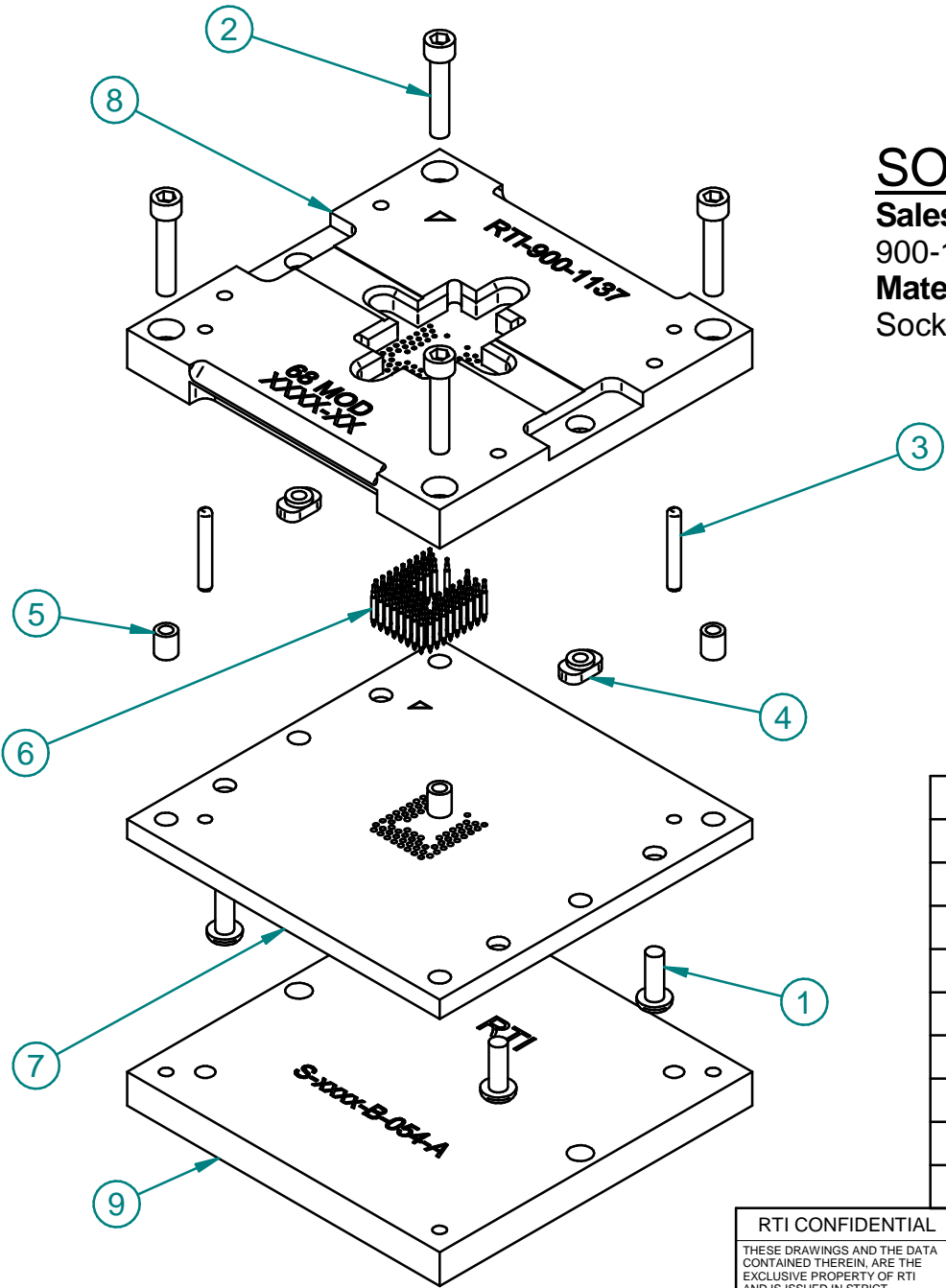
SOCKET ASSEMBLY

Sales Part#:

900-1137-01-68+0MOD-10.2X15-1.05-00-CNT-0.62-C-S-5.01-27

Material Specification:

Socket Top/Base/Backing Plate - High Performance Plastic



Item	Part Number	Rev	Title	Qty.
1	01-2-56x.25-MA-BNA-SS		Button Head Screw	4
2	01-2-56x.4375-MA-SCA-SS		Socket Head Screw	4
3	02-.0625x.437-S-S		Dowel Pin	2
4	04-2-56x.080-Custom	1	Custom Insert	2
5	04-2-56x1.5-ST-SS-DF		Threaded Insert	4
6	CNT-0.62-C-S-5.01-27		Pogo Pin	68
7	S-1137-SB-112	A	Socket Base	1
8	S-1137-ST-112	A	Socket Top	1
9	S-xxxx-B-054	A	Backing Plate	1

RTI CONFIDENTIAL

WWW.TESTFIXTURES.COM

THESE DRAWINGS AND THE DATA CONTAINED THEREIN, ARE THE EXCLUSIVE PROPERTY OF RTI AND IS ISSUED IN STRICT CONFIDENCE AND SHALL NOT WITHOUT THE WRITTEN PERMISSION OF RTI, BE USED FOR ANY PURPOSE WHATSOEVER, EXCEPT THE MANUFACTURE OF ARTICLES FOR RTI.



MATERIAL:
FINISH:

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES:
.XX = ± .01
.XXX = ± .002
.XXXX = ± .0005

ENG BY: ST

DWN BY: ST

CHECK BY: SG

DATE: 05/05/22



ROBSON TECHNOLOGIES, INC.
135 E. MAIN AVE., STE. 130, MORGAN HILL, CA 95037
PH: 408-779-8008

DRAWING NUMBER: 1010562-C

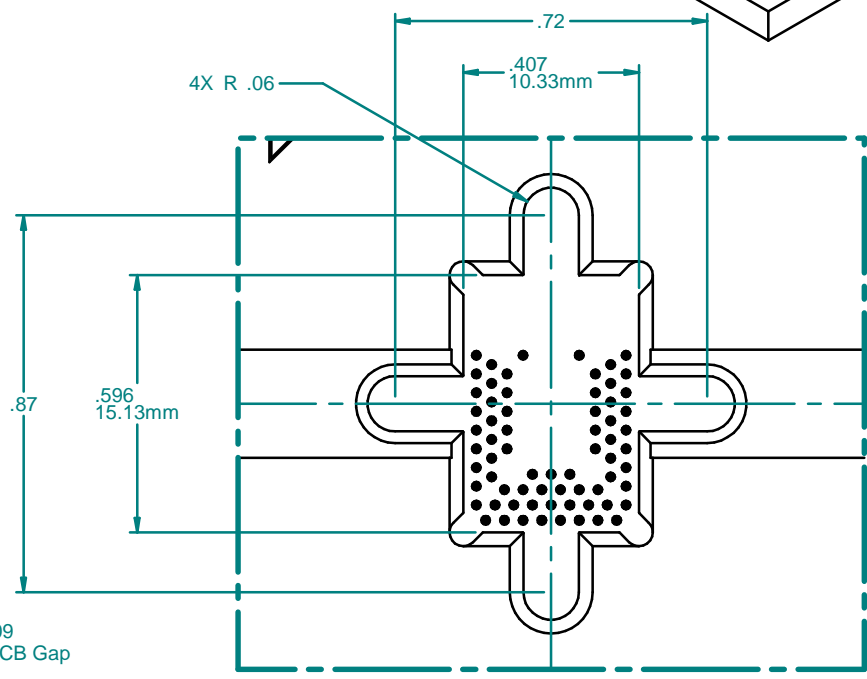
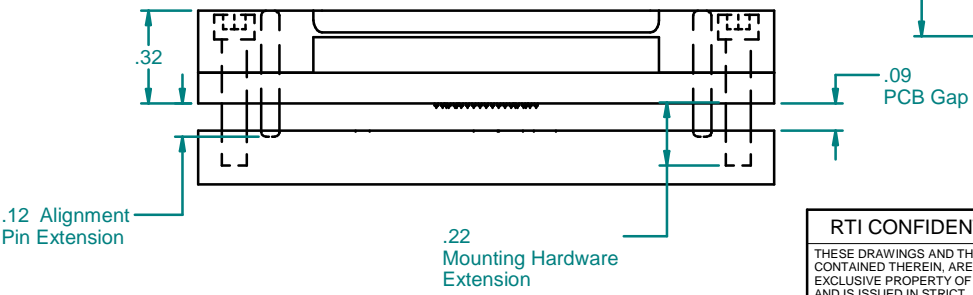
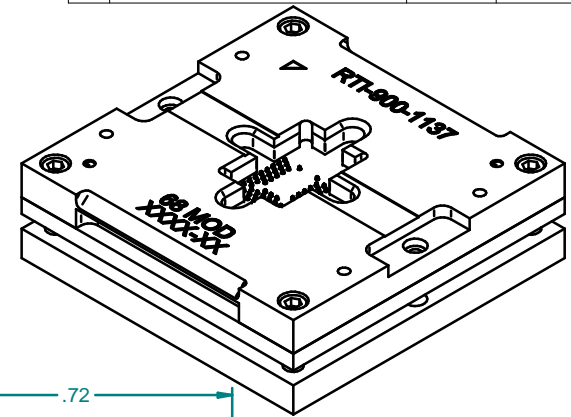
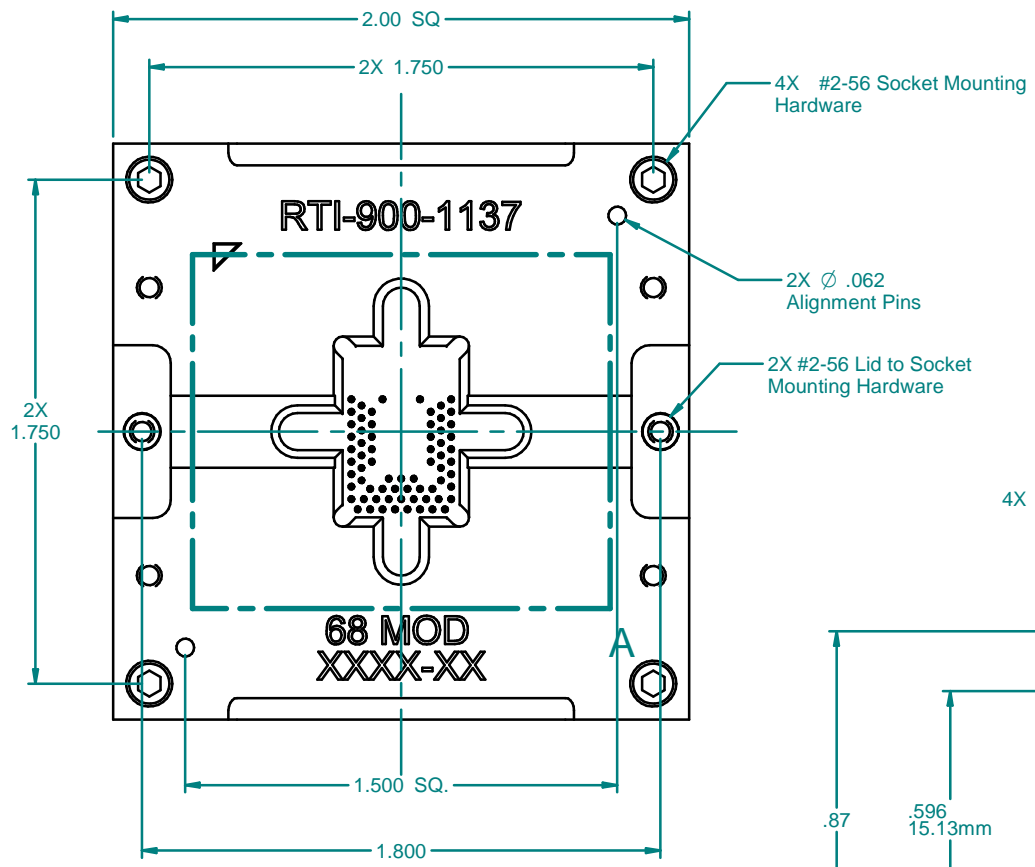
TITLE: Customer Specification

REV. B

PAGE: 4 of 7

RTI CONFIDENTIAL

REV	DESCRIPTION	DATE	BY
A	PRELIMINARY DESIGN	05/05/22	ST
B	Updated pressure plate to compress on shield of DUT	05/11/22	ST



DETAIL A

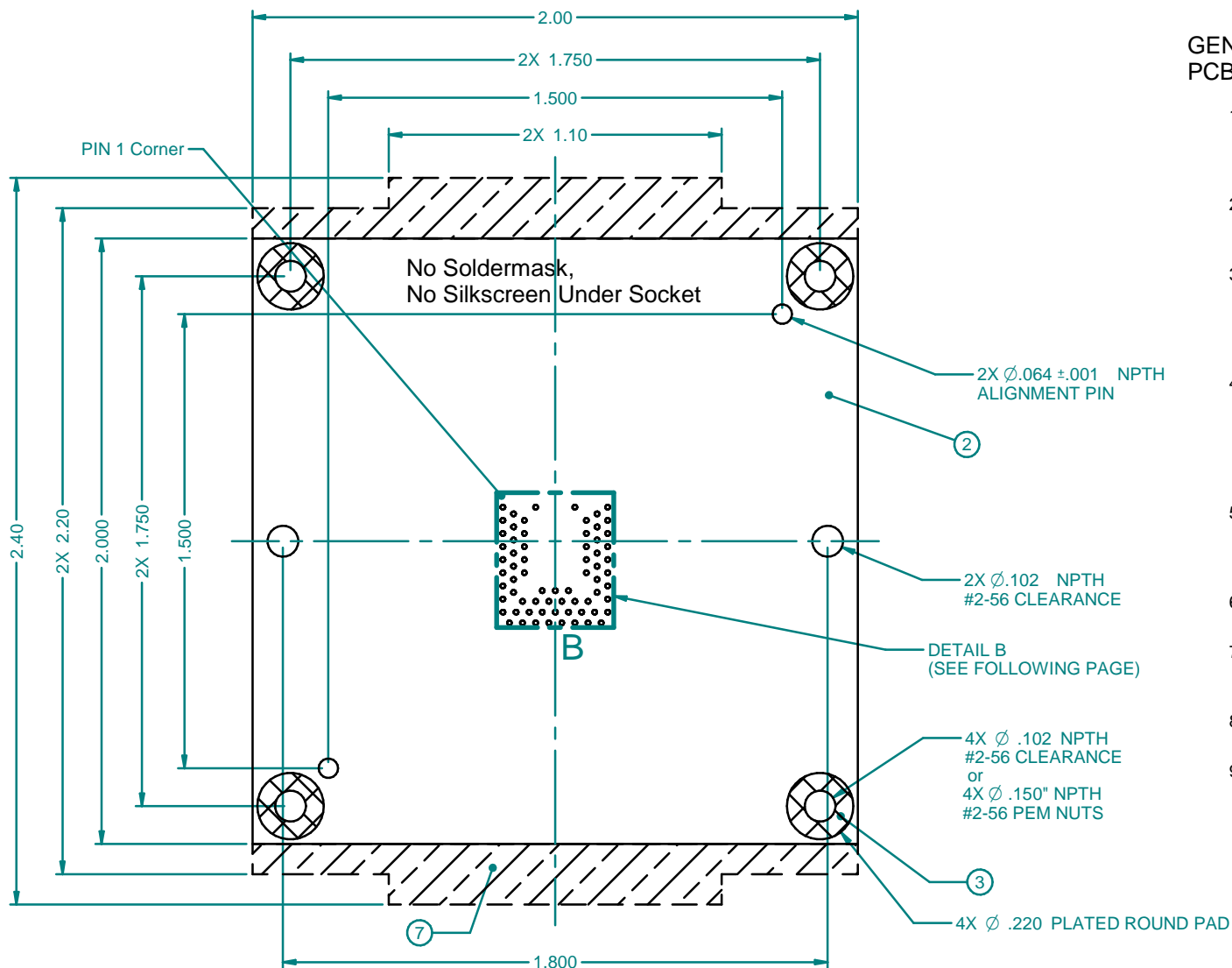
RTI CONFIDENTIAL		WWW.TESTFIXTURES.COM	
THESE DRAWINGS AND THE DATA CONTAINED THEREIN, ARE THE EXCLUSIVE PROPERTY OF RTI AND IS ISSUED IN STRICT CONFIDENCE AND SHALL NOT WITHOUT THE WRITTEN PERMISSION OF RTI, BE USED FOR ANY PURPOSE WHATSOEVER, EXCEPT THE MANUFACTURE OF ARTICLES FOR RTI.		MATERIAL:	ENG BY: ST
		FINISH:	DWN BY: ST
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES: .XX = ± .01 .XXX = ± .002 .XXXX = ± .0005	CHECK BY: SG DATE: 05/05/22	DRAWING NUMBER: 1010562-C TITLE: Customer Specification	
		REV. B	PAGE: 5 of 7

RTI CONFIDENTIAL

SOCKET FOOTPRINT

Sales Part #: 900-1137-01-68+0MOD-10.2X15-1.05-00-CNT-0.62-C-S-5.01-27

REV	DESCRIPTION	DATE	BY
A	PRELIMINARY DESIGN	05/05/22	ST
B	Updated pressure plate to compress on shield of DUT	05/11/22	ST



GENERAL LAYOUT SPECIFICATIONS FOR PCBs USING RTI POGO-PIN SOCKETS:

1. BOARD MUST HAVE A MINIMUM OF 30 MICRO-INCHES OF HARD GOLD OVER 200 MICRO-INCHES OF NICKEL.
2. AREA UNDER SOCKET MUST BE FREE OF ALL SOLDER MASK, SILKSCREEN, HOLE BURRS, ETC.
3. THERE MUST BE PLATED PADS AROUND THE MOUNTING HOLES. THIS IS TO KEEP THE SOCKET AT THE SAME HEIGHT AS THE POGO-PIN AREA OF THE SOCKET.
4. IF THE DUT BOARD IS LESS THAN .095 INCHES THICK, THE USE OF A STIFFENER ON THE BACK SIDE OF THE DUT BOARD IS RECOMMENDED TO PREVENT THE DUT BOARD FROM BEING WARPED.
5. THERE CAN BE NO VIAS IN THE PADS. RTI RECOMMENDS AN OFF-SET VIA PATTERN IF REQUIRED, OR THE USE OF PLATED-OVER VIAS.
6. ALL HOLE SIZES ARE FINISHED SIZE.
7. SHADED AREA MUST BE CLEAR OF ALL DEVICES ON TOP SIDE OF PCB WHEN USING LATCH LIDS.
8. WHERE STATED, mm ARE CONTROLLING.
9. RTI DOES NOT RECOMMEND THE USE OF THREAD LOCKING COMPOUNDS, CYANOACRYLATE CONTAINING COMPOUNDS OR ACRYLIC SOLVENTS NEAR OR ON ANY SOCKET COMPONENT. DAMAGE TO PLASTICS MAY OCCUR.

RTI CONFIDENTIAL

WWW.TESTFIXTURES.COM

THESE DRAWINGS AND THE DATA CONTAINED THEREIN, ARE THE EXCLUSIVE PROPERTY OF RTI AND IS ISSUED IN STRICT CONFIDENCE AND SHALL NOT WITHOUT THE WRITTEN PERMISSION OF RTI, BE USED FOR ANY PURPOSE WHATSOEVER, EXCEPT THE MANUFACTURE OF ARTICLES FOR RTI.



MATERIAL:
FINISH:

ENG BY: ST

DWN BY: ST

CHECK BY: SG

DATE: 05/05/22

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES:
.XX = ± .01
.XXX = ± .002
.XXXX = ± .0005



ROBSON TECHNOLOGIES, INC.

135 E. MAIN AVE., STE. 130, MORGAN HILL, CA 95037

PH: 408-779-8008

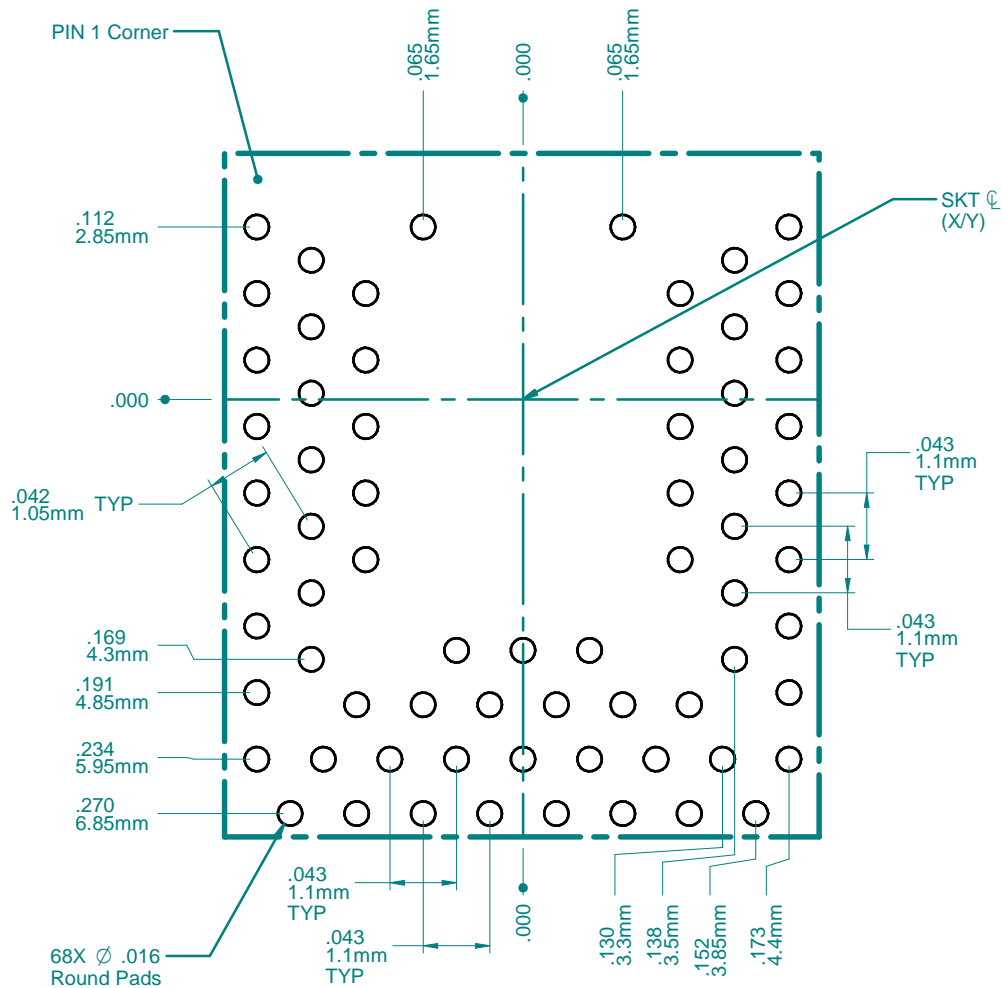
DRAWING NUMBER: 1010562-C

REV. B PAGE: 6 of 7

TITLE: Customer Specification

RTI CONFIDENTIAL

REV	DESCRIPTION	DATE	BY
A	PRELIMINARY DESIGN	05/05/22	ST
B	Updated pressure plate to compress on shield of DUT	05/11/22	ST



PCB PAD NOTES:

1. CONTROLLING DIMENSIONS ARE IN mm.
2. PAD LAYOUT MATCHES DUT PLACEMENT.
3. NOTE PIN 1 LOCATION WITH REPECT TO MOUNTING HOLES.
4. PAD SIZES ARE FINISHED DIMENSIONS.

RTI CONFIDENTIAL

WWW.TESTFIXTURES.COM

THESE DRAWINGS AND THE DATA CONTAINED THEREIN, ARE THE EXCLUSIVE PROPERTY OF RTI AND IS ISSUED IN STRICT CONFIDENCE AND SHALL NOT WITHOUT THE WRITTEN PERMISSION OF RTI, BE USED FOR ANY PURPOSE WHATSOEVER, EXCEPT THE MANUFACTURE OF ARTICLES FOR RTI.



MATERIAL:

FINISH:

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES:
 .XX = ± .01
 .XXX = ± .002
 .XXXX = ± .0005

ENG BY: ST

DWN BY: ST

CHECK BY: SG

DATE: 05/05/22



ROBSON TECHNOLOGIES, INC.

135 E. MAIN AVE., STE. 130, MORGAN HILL, CA 95037

PH: 408-779-8008

DRAWING NUMBER: 1010562-C

REV. B PAGE: 7 of 7

TITLE: Customer Specification

RTI CONFIDENTIAL