FIG 1  
JSO-XXXX-01 SHOWN

PATENT PENDING

## NOTES:

1. REPRESENTS CRITICAL DIMENSION
2. STANDOFFS TO BE USED WITH 1.57[.062]MIN THICK BOARDS.
3. COMPONENTS ARE TO BE BULK PACKAGED IN SEPARATE BAGS AND SHOULD NOT LIST INDIVIDUAL COMPONENT QUANTITY ON THE LABEL. ALL COMPONENT BAGS ARE TO BE PACKAGED IN A LARGER BAG WITH THE FINAL PART NUMBER QUANTITY OF ASSEMBLIES ON THE LABEL.
4. STANDOFFS ARE DESIGNED 0.15MM LONGER THAN CONNECTOR STACK HEIGHTS TO ALLOW FOR PROCESSING VARIABLES.
5. TORQUE TO 2.5 – 3.5 IN\*LBS TO SECURE FASTENER IN A STATIC ENVIRONMENT ASSUMING RECOMMENDED BOARD TO BOARD DISTANCES ARE ACHIEVED WITHOUT DAMAGE TO THE PCB, HARDWARE OR OTHER COMPONENTS.

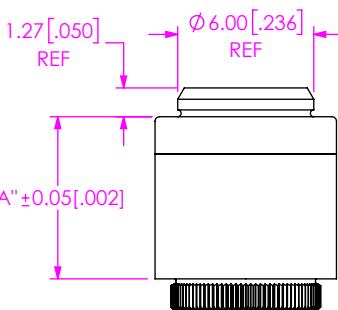
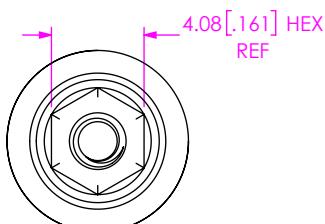
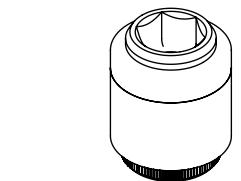
DESIGNED & DIMENSIONED  
IN MILLIMETERS[INCHES]

TABLE 1

BOARD STACK HEIGHT	"A"	"B"
-0400	4.00 [0.157]	2.350 [0.0925]
-0415	4.15 [0.163]	2.500 [0.0984]
-0500	5.00 [0.197]	3.350 [0.1319]
-0515	5.15 [0.203]	3.500 [0.1378]
-0700	7.00 [0.276]	5.350 [0.2106]
-0715	7.15 [0.281]	5.500 [0.2165]
-0815	8.15 [0.321]	6.500 [0.2559]
-1000	10.00 [0.394]	8.350 [0.3287]
-1015	10.15 [0.400]	8.500 [0.3346]
-1115	11.15 [0.439]	9.500 [0.3740]
-1215	12.15 [0.478]	10.500 [0.4134]
-1600	16.00 [0.630]	14.350 [0.5650]
-1615	16.15 [0.636]	14.500 [0.5709]
-1765	17.65 [0.695]	16.000 [0.6299]
-3500	35.00 [1.378]	33.350 [1.3130]

JSO-XXXX-XX-X

## BOARD STACK HEIGHT

-0400, -0415, -0500, -0515, -0700, -0715, -0815, -1000, -1015, -1115, -1215, -1600, -1615, -1765, \*-3500

## LOCKING OPTION

-L: LOCKING COMPOUND  
(NOT AVAILABLE WITH -01 LEAD STYLE, REQUIRED FOR -03 LEAD STYLE)

## LEAD STYLE

-01: PRESS-IN  
(FOR STACK HEIGHTS -0415, -0500, -0515, -0700, -0715, -0815, -1000, -1215, -1600, -1765 ONLY)  
-03: THREADED  
(FOR STACK HEIGHTS -0815, -1015, -1115, -1215, -1615, \*-3500 ONLY)  
(SEE SHT 2, FIG 2)

\*=NOT TOOLED

RECOMMENDED BOARD CUTOUT  
(-01: PRESS-IN AND JACK SCREW)

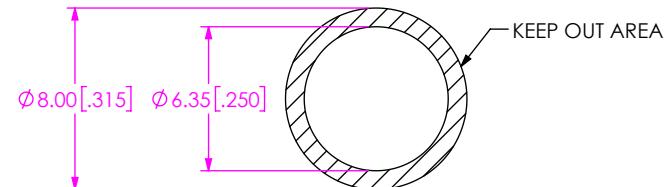


TABLE 2 - BOM

FINISHED GOOD	STAND-OFF BASE	JACK SCREW	SCREW	NUT	WASHER
JSO-0400-01	JSO-B-02.35-01	JSO-T-01.65-01	MS-07-02	N/A	WSH-315-087-039-02
JSO-0415-01	JSO-B-02.50-01	JSO-T-01.65-01	MS-07-02	N/A	WSH-315-087-039-02
JSO-0500-01	JSO-B-03.35-01	JSO-T-01.65-01	MS-07-02	N/A	WSH-315-087-039-02
JSO-0515-01	JSO-B-03.50-01	JSO-T-01.65-01	MS-07-02	N/A	WSH-315-087-039-02
JSO-0700-01	JSO-B-05.35-01	JSO-T-01.65-01	MS-07-02	N/A	WSH-315-087-039-02
JSO-0715-01	JSO-B-05.50-01	JSO-T-01.65-01	MS-07-02	N/A	WSH-315-087-039-02
JSO-0815-01	JSO-B-06.50-01	JSO-T-01.65-01	MS-07-02	N/A	WSH-315-087-039-02
JSO-0815-03-L	JSO-B-06.50-03-L	JSO-T-01.65-01	MS-07-02	SN-03-02	WSH-315-087-039-02
JSO-1000-01	JSO-B-08.35-01	JSO-T-01.65-01	MS-07-02	N/A	WSH-315-087-039-02
JSO-1015-03-L	JSO-B-08.50-03-L	JSO-T-01.65-01	MS-07-02	SN-03-02	WSH-315-087-039-02
JSO-1115-03-L	JSO-B-09.50-03-L	JSO-T-01.65-01	MS-07-02	SN-03-02	WSH-315-087-039-02
JSO-1215-01	JSO-B-10.50-01	JSO-T-01.65-01	MS-07-02	N/A	WSH-315-087-039-02
JSO-1215-03-L	JSO-B-10.50-03-L	JSO-T-01.65-01	MS-07-02	SN-03-02	WSH-315-087-039-02
JSO-1600-01	JSO-B-14.35-01	JSO-T-01.65-01	MS-07-02	N/A	WSH-315-087-039-02
JSO-1615-03-L	JSO-B-14.50-03-L	JSO-T-01.65-01	MS-07-02	SN-03-02	WSH-315-087-039-02
JSO-1765-01	JSO-B-16.00-01	JSO-T-01.65-01	MS-07-02	N/A	WSH-315-087-039-02
JSO-3500-03-L	JSO-B-33.35-03-L	JSO-T-01.65-01	MS-07-02	SN-03-02	WSH-315-087-039-02

QTY = 1 FOR ALL COMPONENTS

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:

DECIMALS

ANGLES

X.X: ±0.3 [0.01]

X.XX: ±0.13 [0.005]

X.XXX: ±0.051 [0.0020]

\* PROPRIETARY NOTE \*

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MATERIAL: DO NOT SCALE DRAWING

SHEET SCALE: 3:1

STAINLESS STEEL  
LOCKING COMPOUND

F:\DWG\MISC\MKTG\JSO-XXXX-XX-X-MKT.SLDDRW



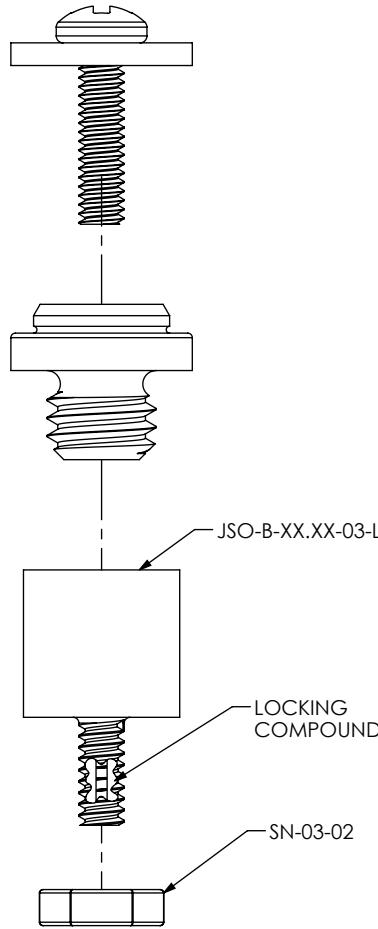
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047

e-Mail: info@SAMTEC.com code 55322

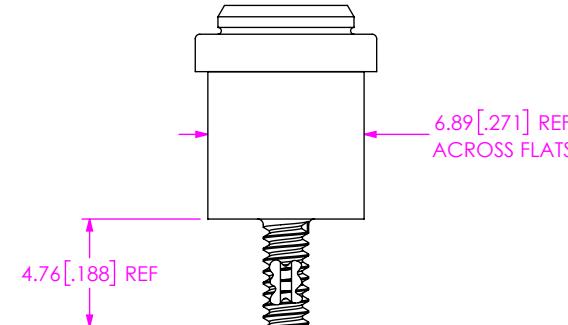
DESCRIPTION: JACK SCREW STAND-OFF

DWG. NO. JSO-XXXX-XX-X

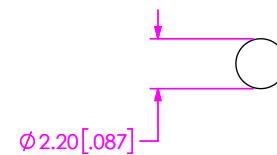
BY: KYLE B 2/4/2014 SHEET 1 OF 2



**FIG 2**  
JSO-XXXX-03-L  
(SAME AS FIG 1, EXCEPT AS SHOWN)



RECOMMENDED BOARD CUTOUT  
(-03: THREADED) (SEE NOTE 2)



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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:	JACK SCREW STAND-OFF	
DWG. NO.	JSO-XXXX-XX-X	
BY:	KYLE B	2/4/2014
		SHEET 2 OF 2