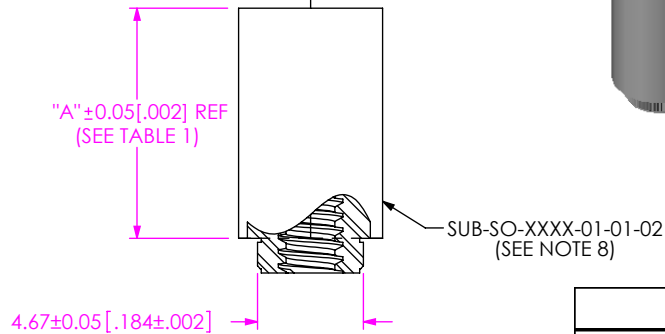
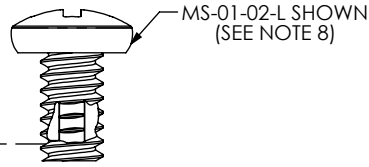
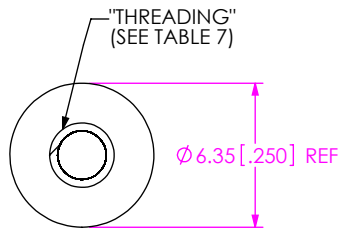


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SCALE FROM
THIS PRINTDESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

-01 LEAD STYLE

FIG 1
SO-XXXX-01-01-02-L SHOWN

- NOTES:
1. DELETED
 2. DELETED
 3. DELETED
 4. STANDOFFS TO BE USED WITH 1.57[.062] MIN THICK BOARDS.
 5. PARTS TO BE PACKAGED IN BAGS.
 6. -01 LEAD STYLE ONLY AVAILABLE FOR BOARD STACK HEIGHTS -0515 THRU -0965.
 7. -02 LEAD STYLE ONLY AVAILABLE FOR TOOLED BOARD STACK HEIGHTS, SEE TABLE 3, SHT 2 FOR TOOLED STACKS.
 8. COMPONENTS ARE TO BE PACKAGED IN SEPARATE BAGS UNASSEMBLED.
 9. -04 LEAD STYLE ONLY AVAILABLE FOR BOARD STACK HEIGHT -0165 AND -0318.
 10. -03 LEAD STYLE ONLY AVAILABLE FOR TOOLED BOARD STACK HEIGHTS, SEE TABLE 4, SHT 3.
 11. ONLY AVAILABLE FOR HDR APPLICATIONS.
 12. REPRESENTS A CRITICAL DIMENSION.

BOARD STACK HEIGHT
-0515,-0715,-0815,-0865,-0915,-0965,
-1015,-1115,-1215,-1315,-1415,-1515,
-1524,-1615,-1715,-1890,-1915,-2015,
-2200,-2215,-2515,-3015
-0165,-0318 (SEE NOTE 9)

LEAD STYLE

- 01: FEMALE THREAD/PRESS-IN
(SEE FIG. 1, SHT. 1)
SEE NOTE 6
- 02: MALE/MALE THREADED
(SEE FIG 2, SHT. 2)
SEE NOTE 7
- 03: MALE/FEMALE THREADED
(SEE FIG. 3, SHT. 3)
SEE NOTE 10
- 04: FEMALE/PRESS-IN
(SEE FIG. 4, SHT. 4)
SEE NOTE 9 & 11
- 05: FEMALE/FEMALE
THREADED
(SEE FIG. 5 SHT. 5)
- 06: MALE/MALE THREADED
(SEE FIG 6, SHT. 6)

SO-XXXX-XX-XX-XX-X-X

KIT OPTION
-N: NO HARDWARE
(STANDOFF ONLY; SEE TABLE 2)
LEAVE BLANK FOR KIT

LOCKING OPTION
-L: LOCKING COMPOUND
(NOT AVAILABLE WITH -N OPTION ON -01, -04
OR -05 LEAD STYLES)

MATERIAL
-01: 6061 ALUMINUM
-02: 303 STAINLESS STEEL

THREADING
-01: #4-40
-02: M3 x 0.5
-03: M2 x 0.4

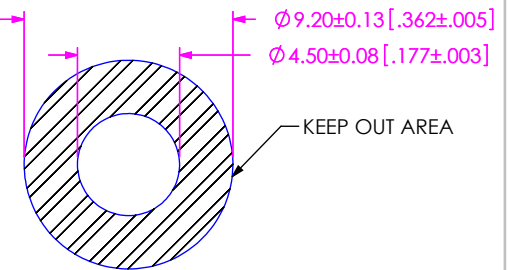
RECOMMENDED BOARD
CUTOUT (PRESS-IN)

TABLE 2 - BOM

FINISHED GOOD	STANDOFF	QTY	SCREW	QTY	NUT	QTY
SO-XXXX-01-01-XX	SUB-SO-XXXX-01-01-XX	1	MS-01-XX	1	N/A	
SO-XXXX-01-01-XX-N	SUB-SO-XXXX-01-01-XX	1	N/A		N/A	
SO-XXXX-01-01-XX-L	SUB-SO-XXXX-01-01-XX	1	MS-01-XX-L	1	N/A	
SO-XXXX-02-01-XX	SUB-SO-XXXX-02-01-XX	1	N/A		SN-01-02	2
SO-XXXX-02-01-XX-N	SUB-SO-XXXX-02-01-XX	1	N/A		N/A	
SO-XXXX-02-01-XX-L	SUB-SO-XXXX-02-01-XX-L	1	N/A		SN-01-02	2
SO-XXXX-02-01-XX-L-N	SUB-SO-XXXX-02-01-XX-L	1	N/A		N/A	
SO-XXXX-03-01-XX	SUB-SO-XXXX-03-01-XX	1	MS-01-XX	1	SN-01-02	1
SO-XXXX-03-01-XX-N	SUB-SO-XXXX-03-01-XX	1	N/A		N/A	
SO-XXXX-03-01-XX-L	SUB-SO-XXXX-03-01-XX-L	1	MS-01-XX-L	1	SN-01-02	1
SO-XXXX-03-01-XX-L-N	SUB-SO-XXXX-03-01-XX-L	1	N/A		N/A	
SO-XXXX-05-01-XX	SUB-SO-XXXX-05-01-XX	1	MS-01-XX	2	N/A	
SO-XXXX-05-01-XX-N	SUB-SO-XXXX-05-01-XX	1	N/A		N/A	
SO-XXXX-05-01-XX-L	SUB-SO-XXXX-05-01-XX	1	MS-01-XX-L	2	N/A	
SO-XXXX-01-02-XX	SUB-SO-XXXX-01-02-XX	1	MS-02-XX	1	N/A	
SO-XXXX-01-02-XX-N	SUB-SO-XXXX-01-02-XX	1	N/A		N/A	
SO-XXXX-01-02-XX-L	SUB-SO-XXXX-01-02-XX	1	MS-02-XX-L	1	N/A	
SO-XXXX-02-02-XX	SUB-SO-XXXX-02-02-XX	1	N/A		SN-02-02	2
SO-XXXX-02-02-XX-N	SUB-SO-XXXX-02-02-XX	1	N/A		N/A	
SO-XXXX-02-02-XX-L	SUB-SO-XXXX-02-02-XX-L	1	N/A		SN-02-02	2
SO-XXXX-02-02-XX-L-N	SUB-SO-XXXX-02-02-XX-L	1	N/A		N/A	
SO-XXXX-03-02-XX	SUB-SO-XXXX-03-02-XX	1	MS-02-XX	1	SN-02-02	1
SO-XXXX-03-02-XX-N	SUB-SO-XXXX-03-02-XX	1	N/A		N/A	
SO-XXXX-03-02-XX-L	SUB-SO-XXXX-03-02-XX-L	1	MS-02-XX-L	1	SN-02-02	1
SO-XXXX-03-02-XX-L-N	SUB-SO-XXXX-03-02-XX-L	1	N/A		N/A	
SO-XXXX-05-02-XX	SUB-SO-XXXX-05-02-XX	1	MS-02-XX	2	N/A	
SO-XXXX-05-02-XX-N	SUB-SO-XXXX-05-02-XX	1	N/A		N/A	
SO-XXXX-05-02-XX-L	SUB-SO-XXXX-05-02-XX	1	MS-02-XX-L	2	N/A	
SO-XXXX-05-03-XX	SUB-SO-XXXX-05-03-XX	1	MS-06-XX	2	N/A	
SO-XXXX-05-03-XX-L	SUB-SO-XXXX-05-03-XX	1	MS-06-XX-L	2	N/A	

TABLE 7

STYLE	THREADING
-01	#4-40 UNC 2A #4-40 UNC 2B
-02	M3 x 0.5 6g M3 x 0.5 6H
-03	M2 x 0.4 6g M2 x 0.4 6H

TABLE 1

01 LEAD STYLE AVAILABILITY

BOARD STACK HEIGHT	"A"
-0515	5.15[.203]
-0715	7.15[.282]
-0815	8.15[.321]
-0865	8.65[.341]
-0915	9.15[.360]
-0965	9.65[.380]

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:

DECIMALS ANGLES
X.X: ±0.25 [.01]
X.XX: ±0.05 [.002]

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SEE PART CALL OUT FOR MATERIAL

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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
BOARD TO BOARD STANDOFF

DWG. NO.
SO-XXXX-XX-XX-XX-X

BY: T. NEWTON 12/6/2007 SHEET 1 OF 6

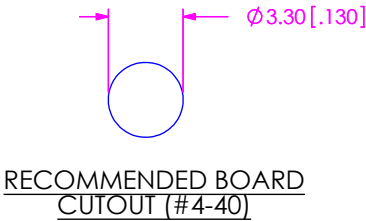
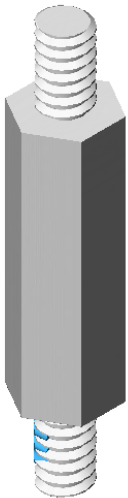
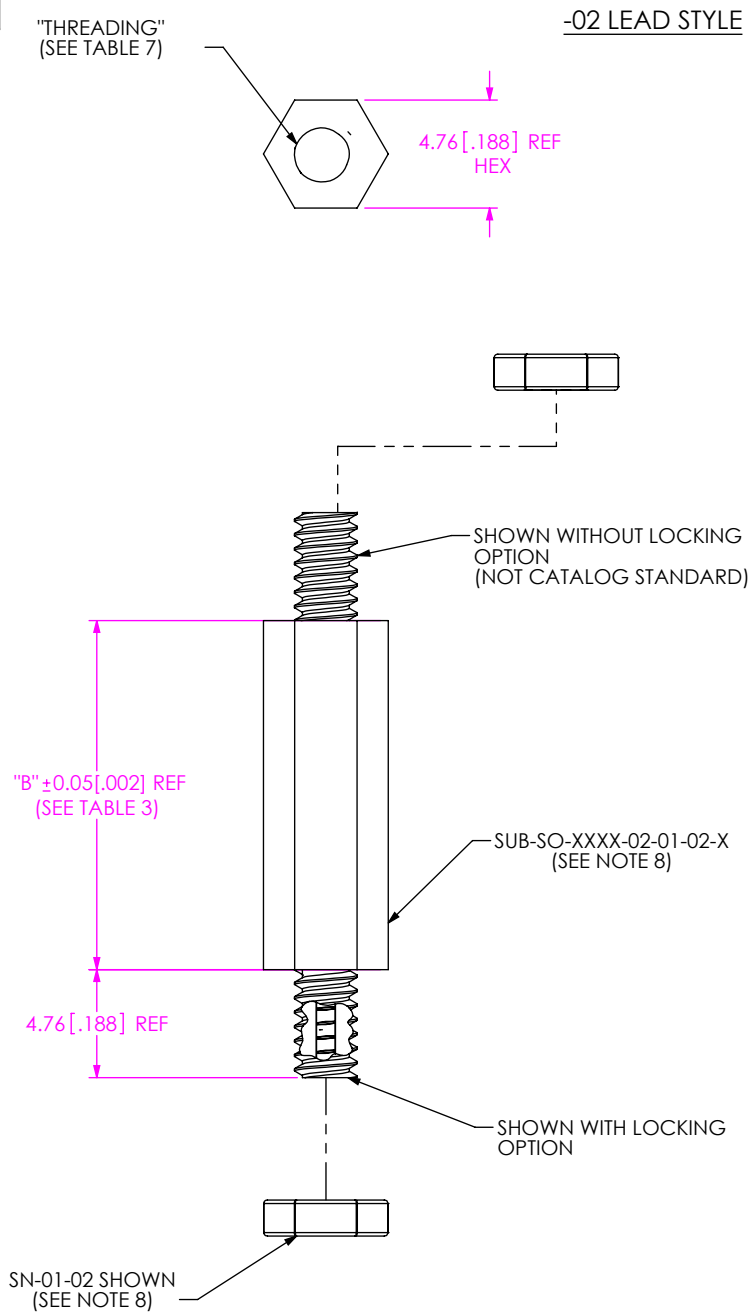


TABLE 3	
02 LEAD STYLE AVAILABILITY	
BOARD STACK HEIGHT	"B"
-0515	5.15[.203]
-0715	7.15[.282]
-0865	8.65[.341]
-1015	10.15[.400]
-1115	11.15[.439]
-1215	12.15[.478]
-1315	13.15[.518]
-1415	14.15[.557]
-1515	15.15[.597]
-1524	15.24[.600]
-1615	16.15[.636]
-1715	17.15[.675]
-1890	18.90[.744]
-1915	19.15[.754]
-2015	20.15[.793]
-2215	22.15[.872]
-2515	25.15[.990]
-3015	30.15[1.187]

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e-Mail info@SAMTEC.com code 55322

DESCRIPTION: BOARD TO BOARD STANDOFF

DWG. NO. SO-XXXX-XX-XX-XX-X

BY: T.NEWTON 12/6/2007 SHEET 2 OF 6

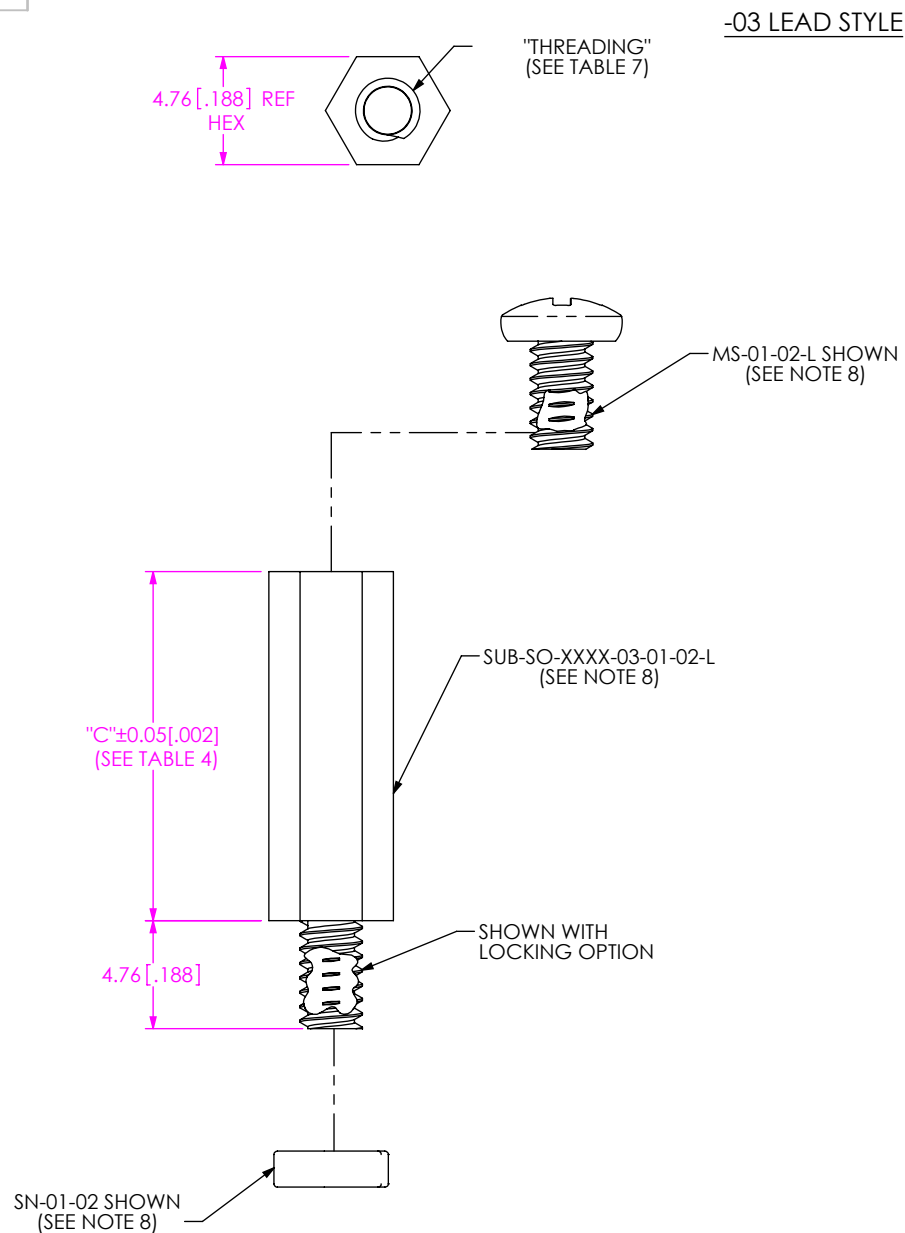
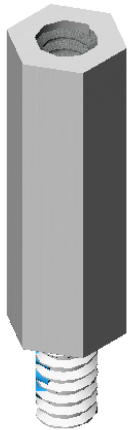


FIG 3
SO-XXXX-03-01-02-X SHOWN
(SAME AS -02 LEAD STYLE,
EXCEPT WHERE STATED)

TABLE 4	
03 LEAD STYLE AVAILABILITY	
BOARD STACK HEIGHT	"C"
-0815	8.15[.321]
-0865	8.65[.341]
-0915	9.15[.360]
-0965	9.65[.380]
-1015	10.15[.400]
-1115	11.15[.439]
-1215	12.15[.478]
-1315	13.15[.518]
-1415	14.15[.557]
-1515	15.15[.597]
-1524	15.24[.600]
-1615	16.15[.636]
-1715	17.15[.675]
-1890	18.90[.744]
-1915	19.15[.754]
-2015	20.15[.793]
-2200	22.00[.866]
-2215	22.15[.872]
-2515	25.15[.990]
-3015	30.15[1.187]



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	DWG. NO.	SO-XXXX-XX-XX-XX-X
	BY:	T.NEWTON 12/6/2007
		SHEET 3 OF 6

-04 LEAD STYLE

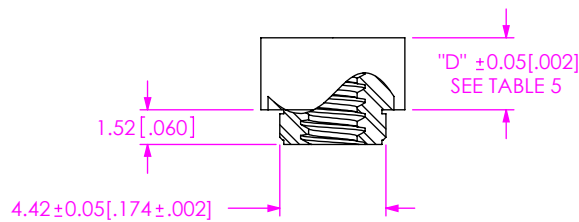
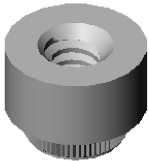
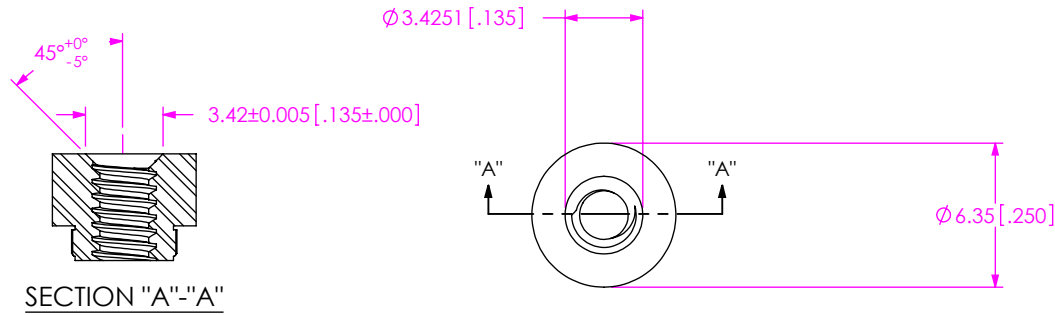
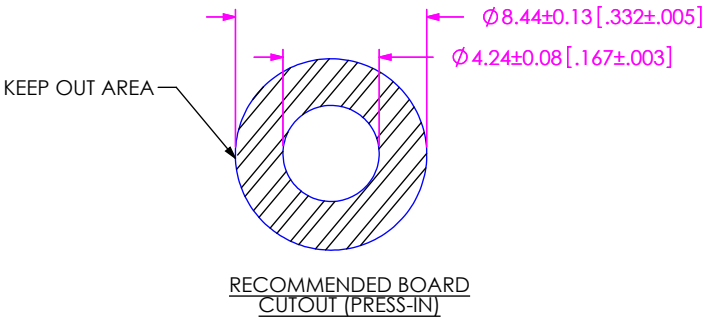


FIG 4
SO-XXXX-04-01-02 SHOWN

TABLE 5	
04 LEAD STYLE AVAILABILITY	
BOARD STACK HEIGHT	"D"
-0318	3.18 [.125]
-0165	1.65 [.065]



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e-Mail info@SAMTEC.com code 55322

DESCRIPTION: BOARD TO BOARD STANDOFF

DWG. NO. SO-XXXX-XX-XX-XX-X

BY: T.NEWTON 12/6/2007 SHEET 4 OF 6

-05 LEAD STYLE

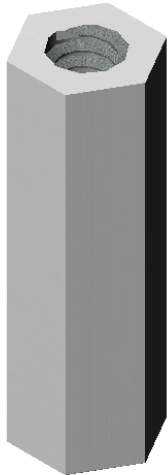
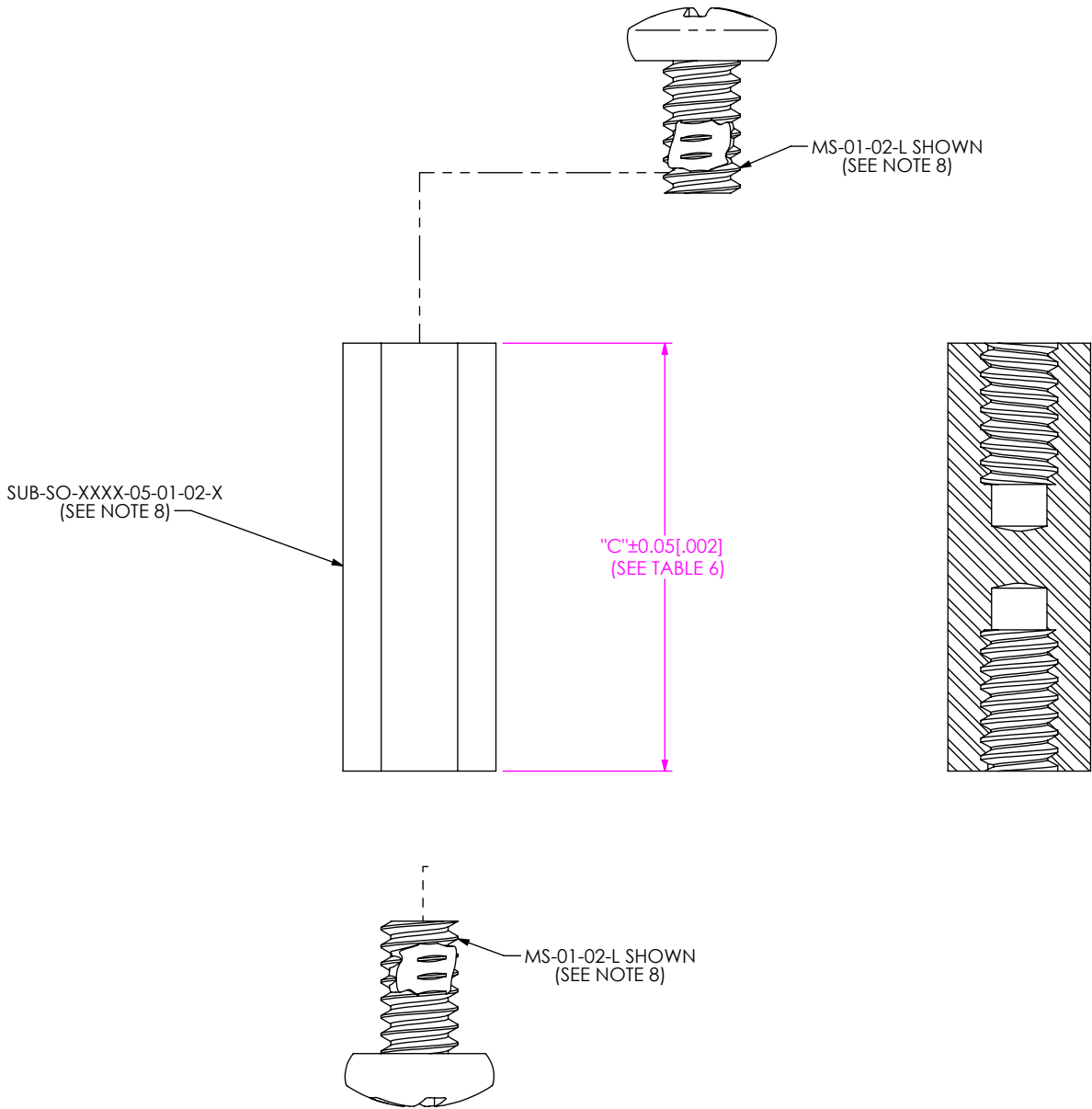


TABLE 6

05 LEAD STYLE
AVAILABILITY

BOARD STACK HEIGHT	"C"
-0515	5.15[.002]
-0915	9.15[.004]
-1015	10.15[.400]
-1115	11.15[.440]
-1215	12.15[.492]
-1315	13.15[.518]
-1415	14.15[.557]
-1515	15.15[.597]
-1524	15.24[.600]
-1615	16.15[.636]
-1715	17.15[.675]
-1890	18.90[.744]
-1915	19.15[.754]
-2015	20.15[.793]
-2200	22.00[.866]
-2215	22.15[.872]
-2515	25.15[.990]

FIG 5
SO-XXXX-05-01-02-X SHOWN
(SAME AS -02 LEAD STYLE,
EXCEPT WHERE STATED)

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	DWG. NO. SO-XXXX-XX-XX-XX-X	
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-06 LEAD STYLE

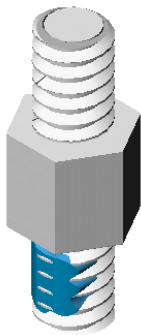
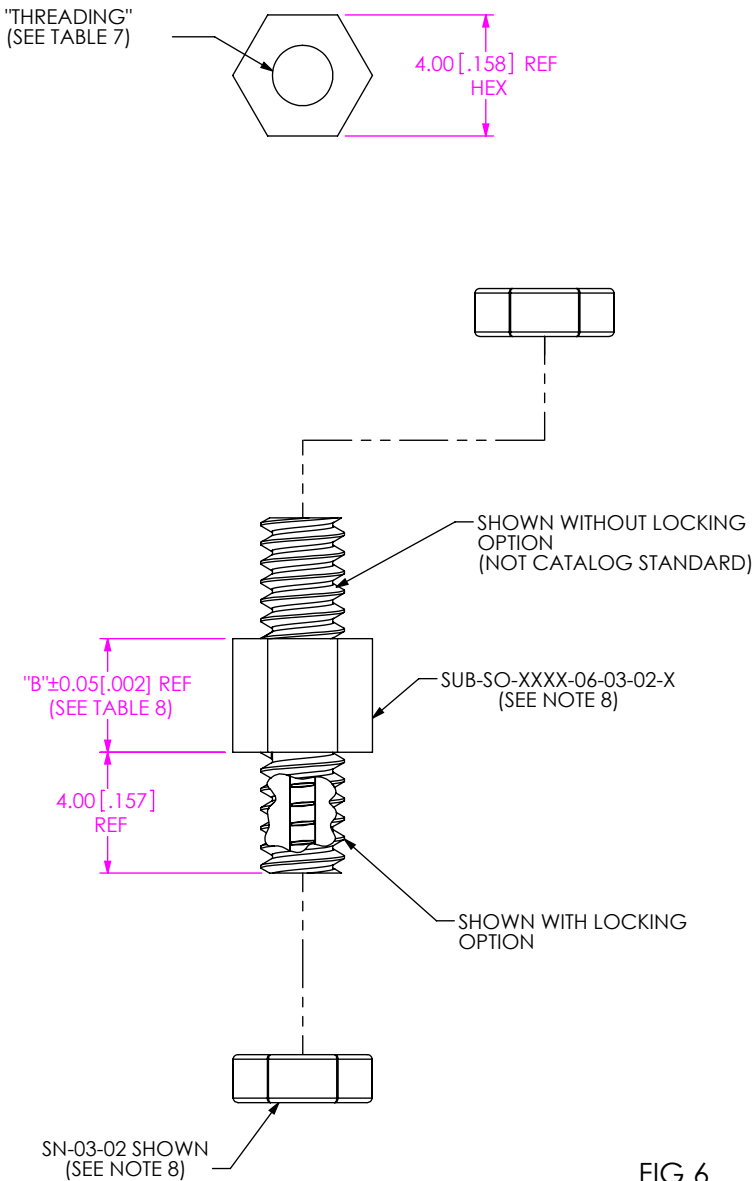
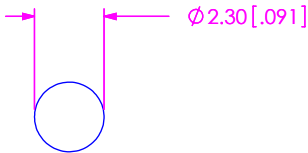


TABLE 8	
06 LEAD STYLE AVAILABILITY	
BOARD STACK HEIGHT	"B"
-0375	3.75[.148]



RECOMMENDED BOARD
CUTOUT (M2 x 0.4)

FIG 6
SO-XXXX-06-03-02-X SHOWN
(SAME AS -02 LEAD STYLE,
EXCEPT WHERE STATED)

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	DESCRIPTION: BOARD TO BOARD STANDOFF	
	DWG. NO. SO-XXXX-XX-XX-XX-X	
BY: T.NEWTON 12/6/2007		SHEET 6 OF 6



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