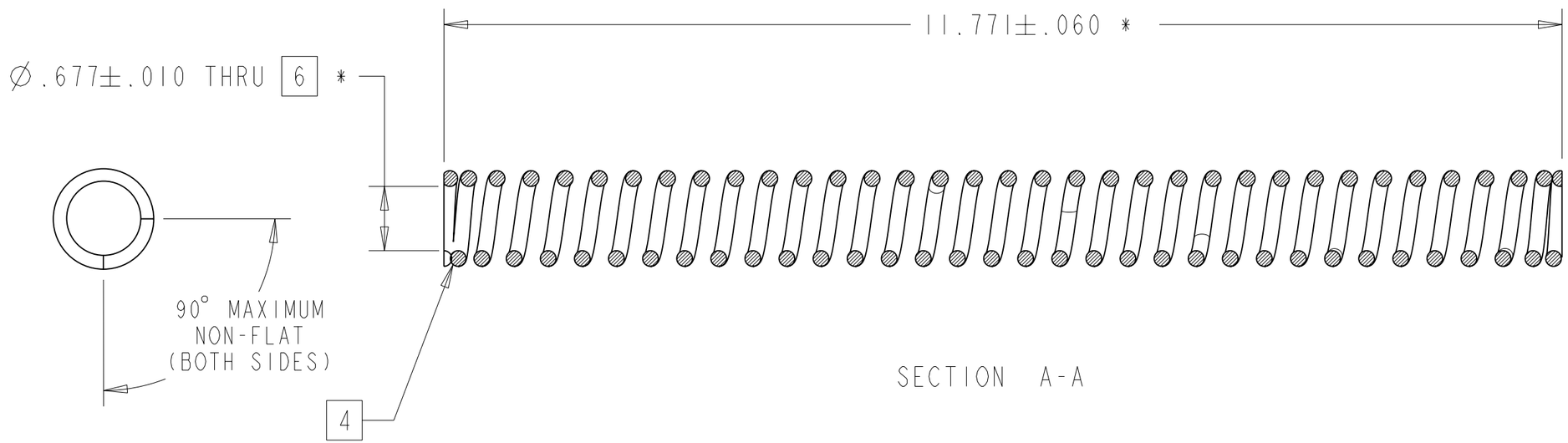
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	RELEASE FOR PRODUCTION	05APR06	



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL: CHROME SILICON STEEL AS PER ASTM A401.
   * SUPPLIER MUST SUBMIT MATERIAL CERTIFICATION WITH EACH LOT SHIPMENT.

2. CLOSED AND GROUND ENDS ON EACH SIDE OF SPRING.
   * ENDS ON EACH SIDE OF THE SPRING MUST BE SQUARE WITHIN 2°.
   * EACH CLOSED END OF SPRING MUST HAVE COIL-TO-COIL CONTACT FOR A MINIMUM OF 45°.

3. PEEN STRESS RELIEVE SPRINGS.

4. MARK END OF SPRING WITH DYKEM PEN FOR A MINIMUM OF 6 COILS AS PER THE COLOR SHOWN IN THE TABLE.

5. PRESET SPRINGS BY DEFLECTING SPRING TO A "PRESET LENGTH" OF 5.944" ONE TIME DURING MANUFACTURING TO OBTAIN FINAL LENGTH AND TOLERANCE.

6. * SPRING MUST NOT DRAG WHEN FIT OVER ∅.664 O.D. BY 5.00" LENGTH TEST PIN. ENDS OF TEST PIN MAY BE RADIUSED UP TO .125".

7. ACTIVE NUMBER OF COILS ARE ENGINEERED ASSUMING ∅.677 SPRING I.D.

8. STARRED (*) DIMENSIONS AND NOTES ARE CRITICAL AND NOTED FOR QC INSPECTION.

PART NUMBER	* SPRING RATE ±8%	COLOR CODE 4	* WIRE O.D. ±.001	ACTIVE COILS	TOTAL COILS
039-05-080	40.6 LB/IN	BLACK	.146	28.634	30.634
039-05-081	48.5 LB/IN	PURPLE	.157	31.371	33.371
039-05-082	56.4 LB/IN	BLUE	.165	31.879	33.879
039-05-083	60.9 LB/IN	GREEN	.169	31.987	33.987

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	MATERIAL SPEC
				1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN: INCHES [MM]

TOLERANCES ARE:
DECIMALS: .XX [.X] ± .01 [0,25]; .XXX [.XX] ± .005 [0,13]
ANGLES: ± 1°

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

PER ASME Y14.5M 1994

APPROVALS		DATE
DWN. BY	B. BECKER	18JAN06
CHK. BY	B. BECKER	18JAN06
ENG.	B. BECKER	18JAN06
MFG.		
ADD.		

FOX Factory, Inc.
130 Hangar Way, Watsonville, CA 94076 USA, Ph 831-768-1100, Fax 831-768-9312

SPRING: (T) 07 32 140 VANILLA FORX, STEEL

SIZE B | PART NO. 039-05-08X

PLOT SCALE 1:1 | SHEET 1 OF 1