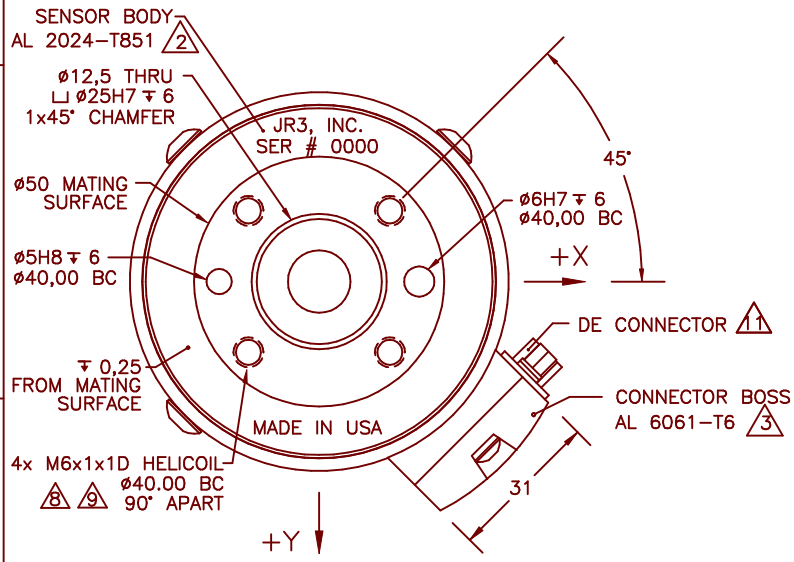
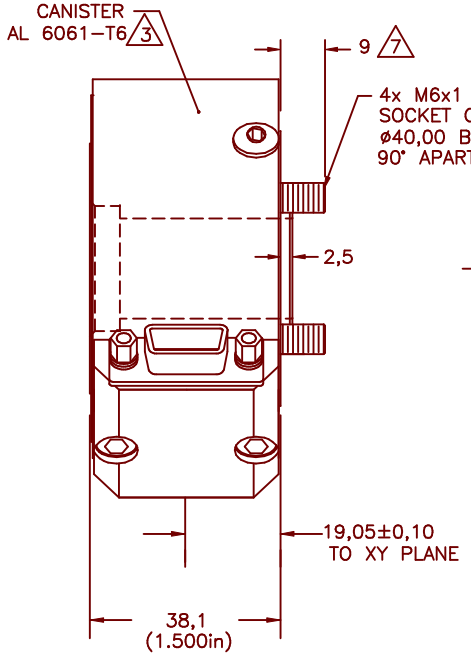
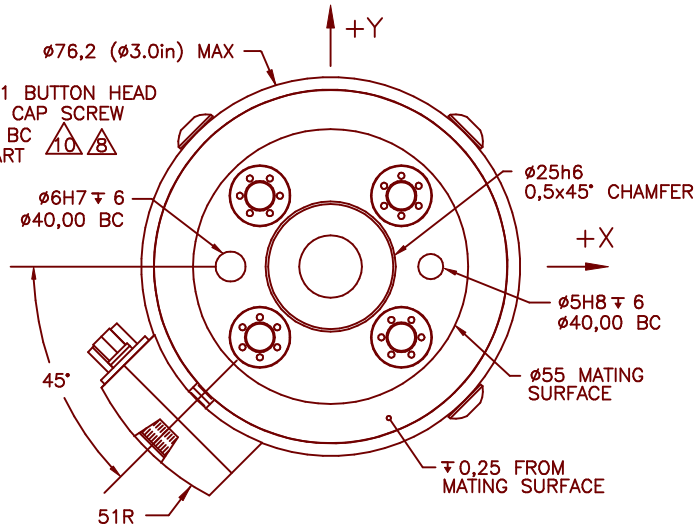
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
–	INITIAL RELEASE	06/10/93	G. SAKONA
A,B	SEE ECN E0240, E0706	06/24/98, 01/17/02	G. SAKONA
C,D	SEE ECN E0822, E0958	12/30/05, 11/19/10	G. SAKONA
E	REMOVE QTY 2 M5 DOWELS, EACH FACE	06/26/15	G. SAKONA



TOOL VIEW





ROBOT VIEW

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. TYPE 2, CLASS 2, BLACK ANODIZE.
3. TYPE 2, CLASS 2, BLUE ANODIZE.
4. SENSOR AVAILABLE WITH LOAD RATING OF: 100, 200 OR 400N, WHERE:
   MECHANICAL FULL SCALES (mFS) ARE: Fx, Fy = LOAD RATING
   Fz = LOAD RATING * 2
   Mx, My, Mz = LOAD RATING * DIAMETER
   ELECTRICAL FULL SCALES (eFS) CAN BE FACTORY PRESET FROM 25% TO 100% OF mFS.
5. AXES SHOWN ASSUME OPPOSITE HELD FIXED. ROBOT VIEW IS RIGHT HAND RULE.
6. Fz OUTPUT IS ALWAYS POSITIVE FOR TENSION. Mx, My, Mz OUTPUTS ALWAYS FOLLOW RIGHT HAND RULE.
7. LENGTH OF CAPTIVE BOLT PROJECTION MAY BE ALTERED PER CUSTOMER REQUEST.
8. TORQUE MOUNTING SCREWS TO 10Nm (88in–lb) IN 3 STEPS: SNUG, HALF, FULL TORQUE FOLLOWING A 1–3–2–4 SEQUENCE.
9. MAXIMUM ALLOWABLE SCREW PENETRATION INTO SENSOR TOOL SIDE IS 14mm.
10. SCREWS ARE CAPTIVE, FREE TO ROTATE, AND RETRACTABLE INTO SENSOR. TIGHTEN WITH HEX KEY THRU MOUNTING SCREWHOLES IN SENSOR TOOL SIDE.
11. CONNECTOR IS DE19P FOR EXTERNAL ELECTRONICS, DE9P FOR INTERNAL ANALOG ELECTRONICS.

TITLE: INTERFACE, 30E15 SENSOR, I40 BOLT PATTERN

MAT'L: AS SHOWN

MODEL:

DRAWN: GCS

TOLERANCES: (UNLESS OTHERWISE NOTED)
X = ±.25mm .XX = ±.010in
.X = ±.10mm .XXX = ±.005in
.XX = ±.025mm .XXXX = ±.001in
ANGLES = ±0.1°

SCALE: 1/1 AND NOTED

DWG SIZE: B

DWG NO: 4820

REV: E

JR3, INC. WOODLAND, CA 95776

SHEET 1 OF 1