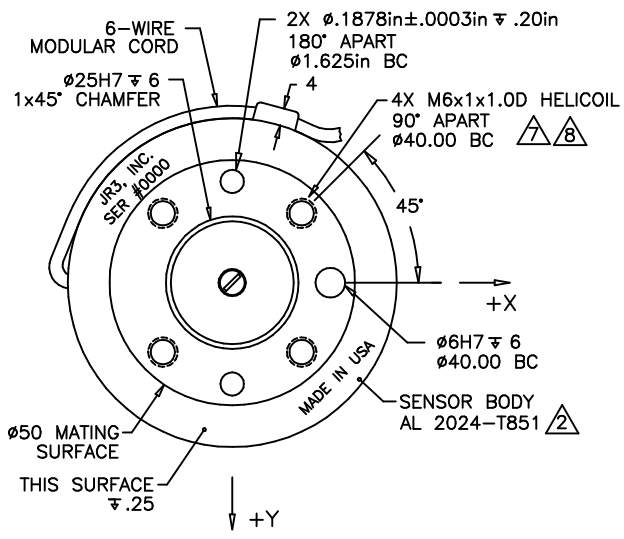
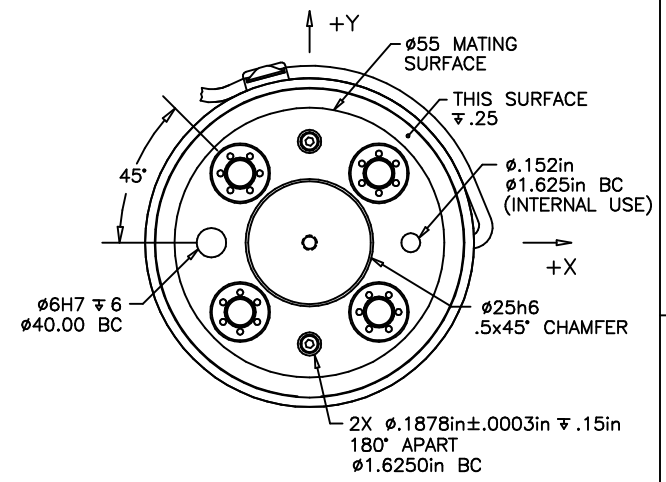
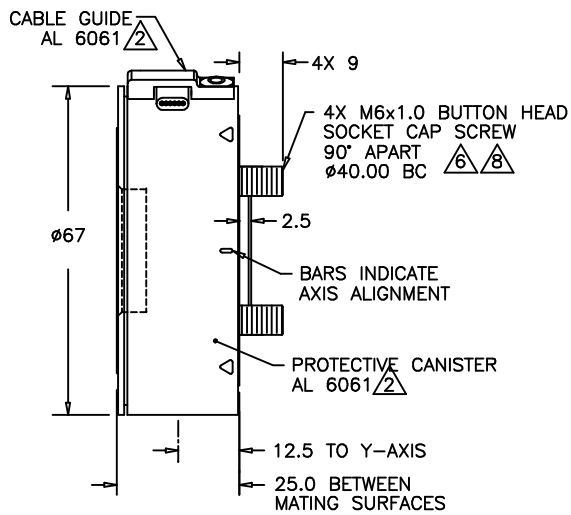


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A,B,C	SEE ECN E0028, E0134, E0135	05/10/93 - 01/26/94	G. SAKONA
D,E,F	SEE ECN E0210, E0365, E0441	10/19/94 - 08/13/97	G. SAKONA
G,H,I	SEE ECN E0458, E0554, E0559	11/20/97 - 10/26/99	G. SAKONA
J	SEE ECN E0998	08/25/11	G. SAKONA



TOOL VIEW

- NOTES:
- DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
TYPE 2, CLASS 2 ANODIZE: BLACK FOR SENSOR BODY, BLUE FOR CANISTER AND CABLE GUIDE.
 - STANDARD SENSOR LOAD RATINGS INCLUDE: 100 AND 200N (25 AND 50lb) WHERE:
MECHANICAL FULL SCALES (mFS) FOR EACH AXIS ARE AS FOLLOWS:
mFS F_x, F_y = LOAD RATING
mFS F_z = LOAD RATING * 2
mFS M_x, M_y, M_z = LOAD RATING * NOMINAL DIAMETER
 - ELECTRICAL FULL SCALES (eFS) CAN BE FACTORY PRESET BETWEEN 25% AND 100% OF mFS.
 - AXES SHOWN ASSUME OPPOSITE SIDE HELD FIXED. TENSION GIVES +F_z IN BOTH VIEWS.
ROBOT VIEW IS RIGHT HAND RULE.
 - NOTED SCREWS ARE CAPTIVE, RETRACTABLE AND FREE TO ROTATE. TIGHTEN WITH HEX KEY INSERTED THROUGH SENSOR TOOLSIDE MOUNTING HOLES.
MAXIMUM ALLOWED SCREW PENETRATION INTO SENSOR TOOL SIDE IS 8mm (.32in).
TORQUE ALL MOUNTING SCREWS TO 10Nm (88inlb) IN 3 STEPS: SNUG, HALF TORQUE, FULL TORQUE, FOLLOWING A 1-3-2-4 SEQUENCE.



ROBOT VIEW

TITLE: INTERFACE, 67M25 SENSOR, 140 BOLT PATTERN, DIGITAL OUTPUT		
MAT'L: AS SHOWN	MODEL:	DRAWN: GCS
TOLERANCES: (UNLESS OTHERWISE NOTED) X = ±.25mm .X = ±.10mm .XX = ±.025mm ANGLES = ±0.1°		SCALE: 1/1 AND NOTED
		DWC SIZE: B
JR3, INC. WOODLAND, CA 95776		DWC NO: 3807
		REV: J
SHEET 1 OF 1		