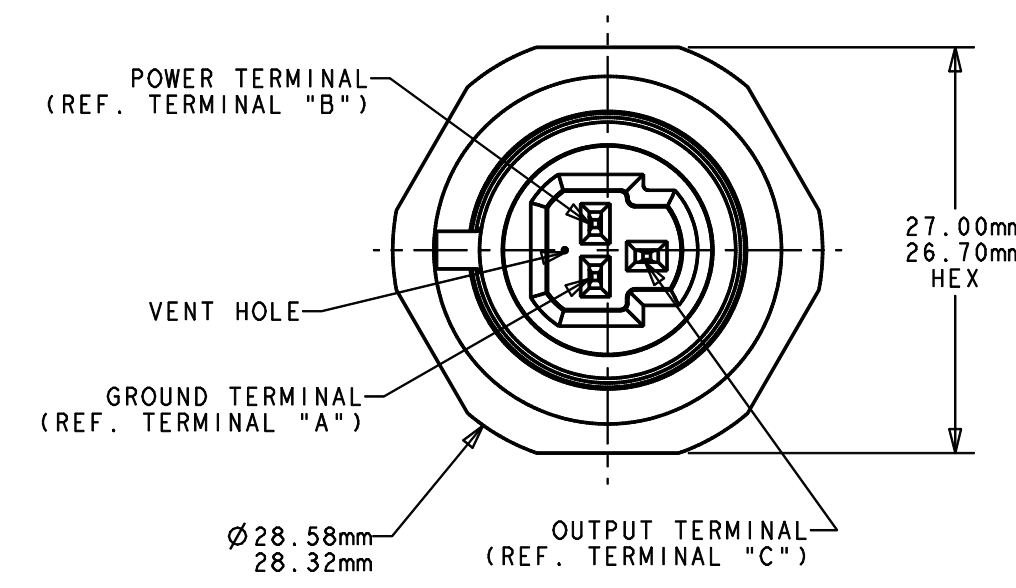
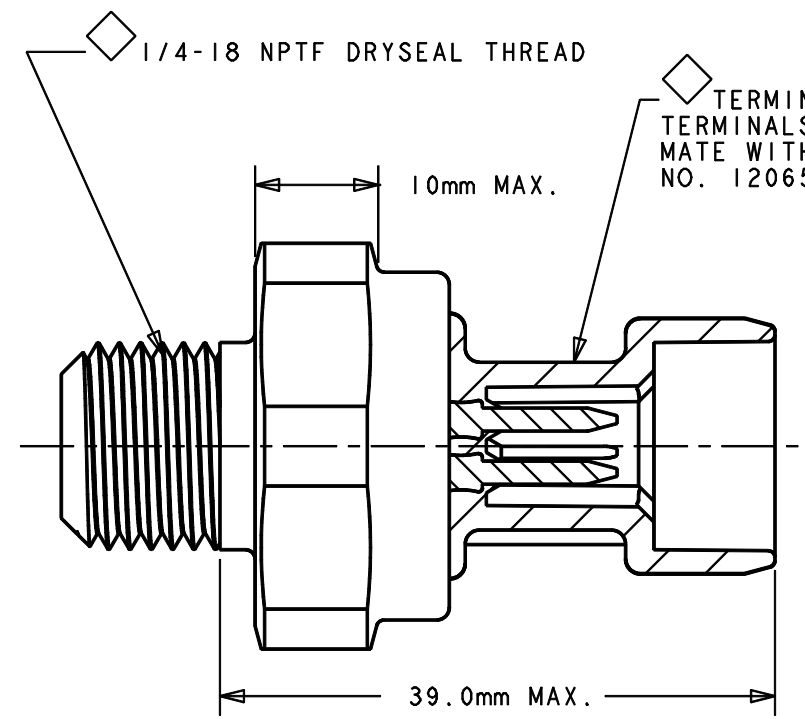
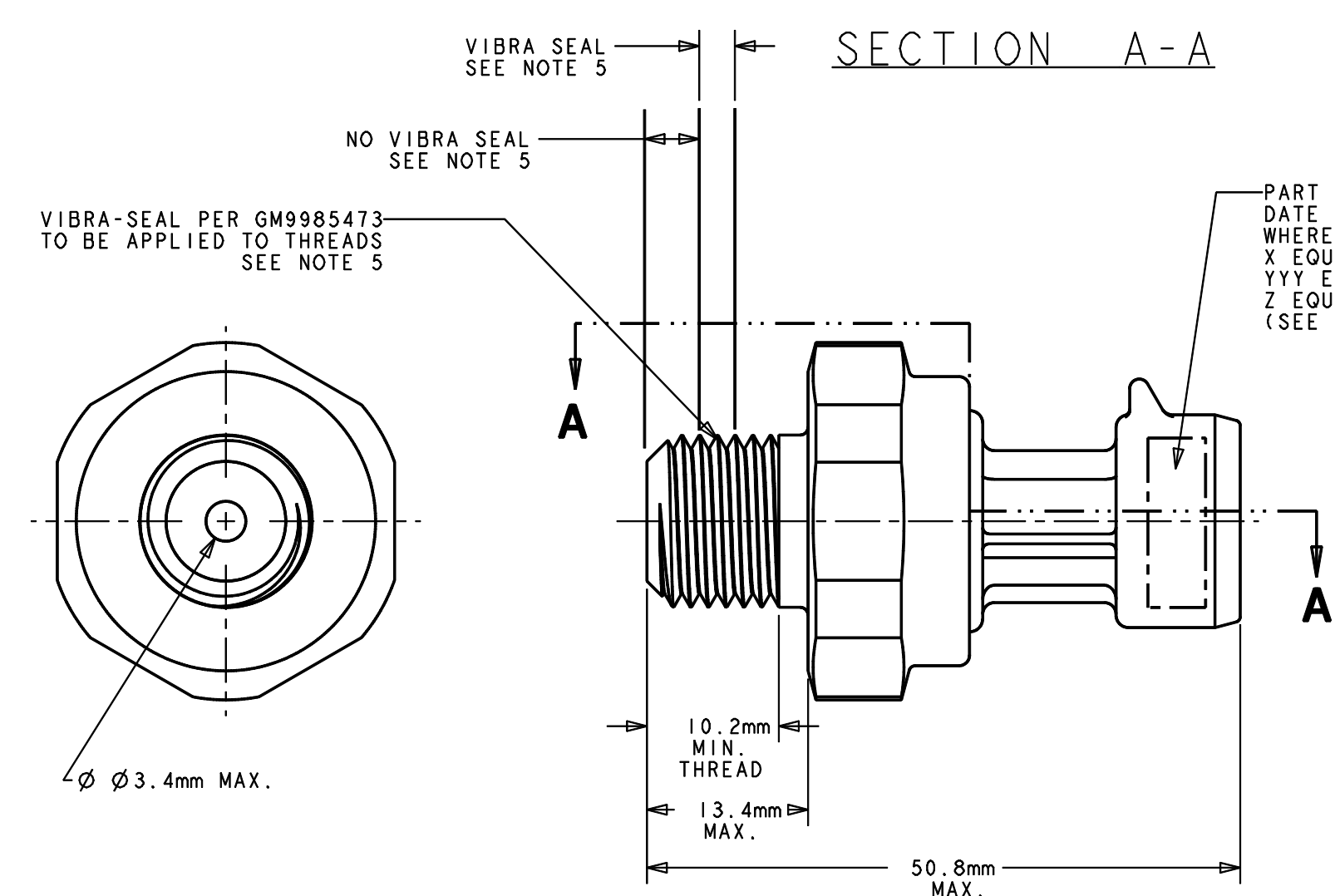


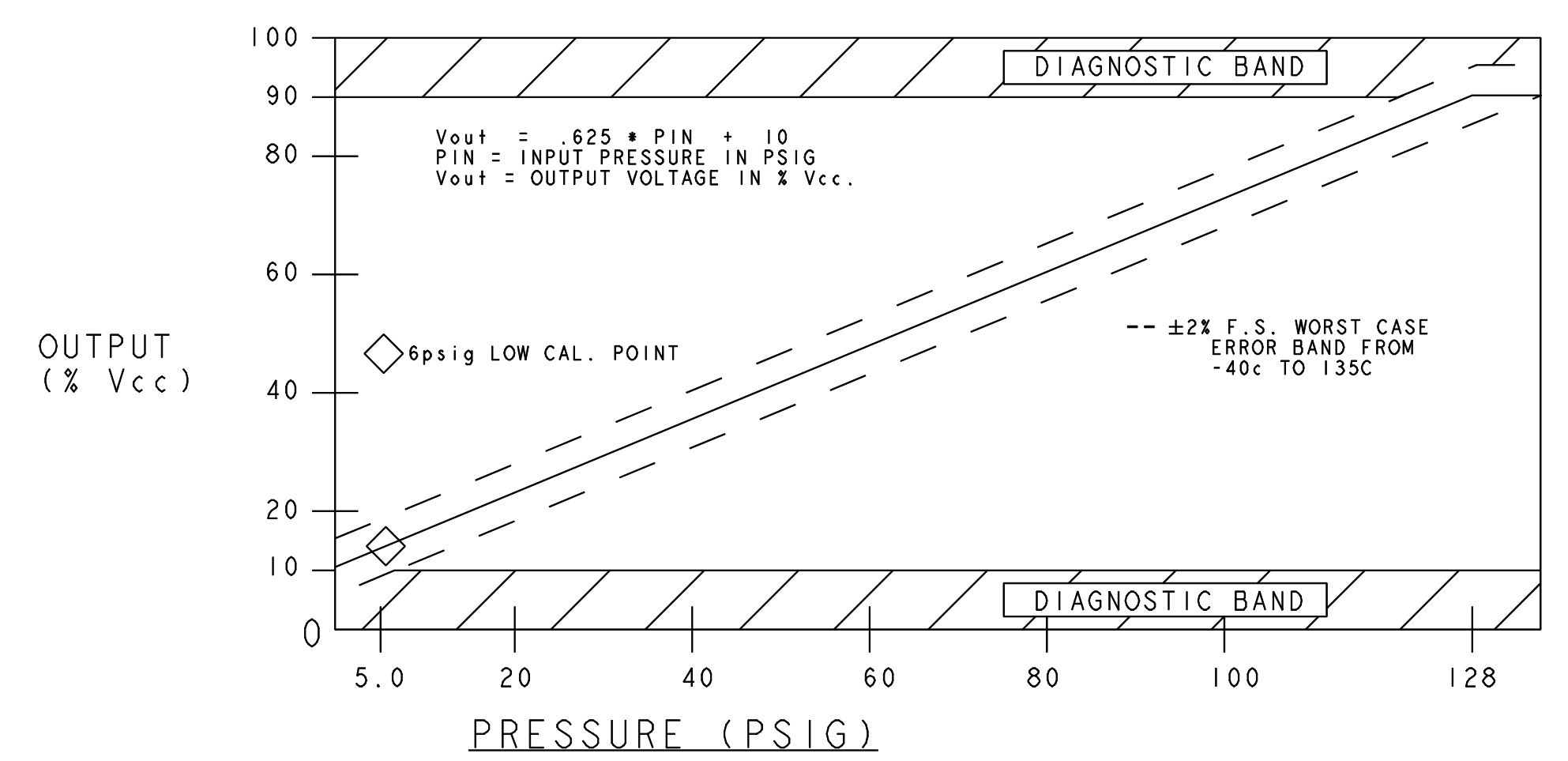
DEV.:		REVISIONS		PROJ.:	
ZONE	LTR	DESCRIPTION	PROJ. NO. 3617	DATE	APPROVED
	A	1ST ISSUE	EN0008984, JG	11/22/02	D.B.



KEY PRODUCT CHARACTERISTICS			
▽ SAFETY COMPLIANCE	◇ FIT/FUNCTION		
▽ S/C CHECKPOINTS	◇ F/F CHECKPOINTS		
NO. & TYPE	DESCRIPTION	RATIONALE	ZONE
F/F	THREADS	MATING CONNECTION	D4
F/F	LOW CALIBRATION POINT	LOW OIL PROTECTION	B2
F/F	MATING TERMINALS	MATING CONNECTION	D3
PRESSURE TRANSDUCER NOMINAL WEIGHT: .026 Kg			



TRANSFER FUNCTION



- NOTES:
- CUSTOMER PART NUMBER "TBD" SHALL BE CODED ON CONNECTOR.
 - RESTRICTED AND REPORTABLE SUBSTANCES FOR PARTS PER GMW3059
 - TERMINAL HOUSING COLOR IS BLACK.
 - CONFORMS TO GM SPECIFICATION "OIL PRESSURE SENSING SYSTEM SPECIFICATION 03.83.1044-R3" ISSUED ON 8 JAN 01.
 - THE FIRST 4 TO 5mm FROM THE END OF THE PART MUST BE FREE OF VIBRA SEAL. THIS IS TO GUARANTEE AT LEAST 1 THREAD WITH NO VIBRA SEAL FOR INITIAL HAND INSTALLATION. A MINIMUM OF 3mm MUST BE COVERED WITH THREAD SEALANT PER GM9985473 AND STANDARD NOTES POWERTRAIN WARREN MATERIALS ENGINEERING PRE-APPLIED THREAD SEALANT REV B DATED 9/24/01.
 - FAULT DETECTION ENABLED: UNDER CERTAIN SENSOR FAILURES THE OUTPUT OF THE SENSOR WILL GO TO LESS THAN 1% Vcc.
 - PARTS AS DELIVERED TO ASSEMBLY SHALL BE CLEAN AND FREE OF DEBRIS. RESIDUAL ABRASIVE MATERIAL, AND CORROSION PRODUCTS ADVERSELY AFFECTING FUNCTION OR APPEARANCE.
- SPECIFICATIONS
- POWER SUPPLY VOLTAGE..... 4.90/5.10 VDC
 - SUPPLY CURRENT..... 8.0 mA MAX.
 - NORMAL OPERATING TEMPERATURE..... -40 TO 135 DEGREES C.
 - OUTPUT LOAD..... 51K OHM PULL DOWN

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS **METRIC**

THIS IS A CAD DRAWING. THE GEOMETRY IN THE ASSOCIATED CAD COMPUTER FILE IS DIMENSIONALLY ACCURATE. WHEN DRAWING IS REVISED, THE GEOMETRY MUST BE UPDATED IN ALL VIEWS AND ON ALL SHEETS.

TOLERANCE ON FRACTIONS DECIMALS ANGLES	DRAWN J.G.	DATE 11/22/02	<p>TEXAS INSTRUMENTS ATTLEBORO, MA. 02703</p> <p>Kluxon CONTROL PRODUCTS DIVISION</p>
	ENGINEER D. BRITTON	11/22/02	
	APPROVED K. HARPIN	11/22/02	
	APPROVED K. ABRAHAMSON	11/22/02	
MATERIAL.: ALUMINIUM ASSOCIATION HOUSING.: 6061-T6511	SIGNATURES ON FILE. REFER TO ELECTRONIC CHANGE NOTICE.		<p>TITLE</p> <p>PRESSURE TRANSDUCER ENVELOPE DRAWING</p>
TERMINAL INSULATOR: PPO NYLON 30% GLASS FILLED	SIZE C	CODE IDENT NO. 82647	5CP3-7
TERMINALS: CDA 260 BRASS WITH Sn PLATE	SCALE 2/1	SHEET 1 OF 1	