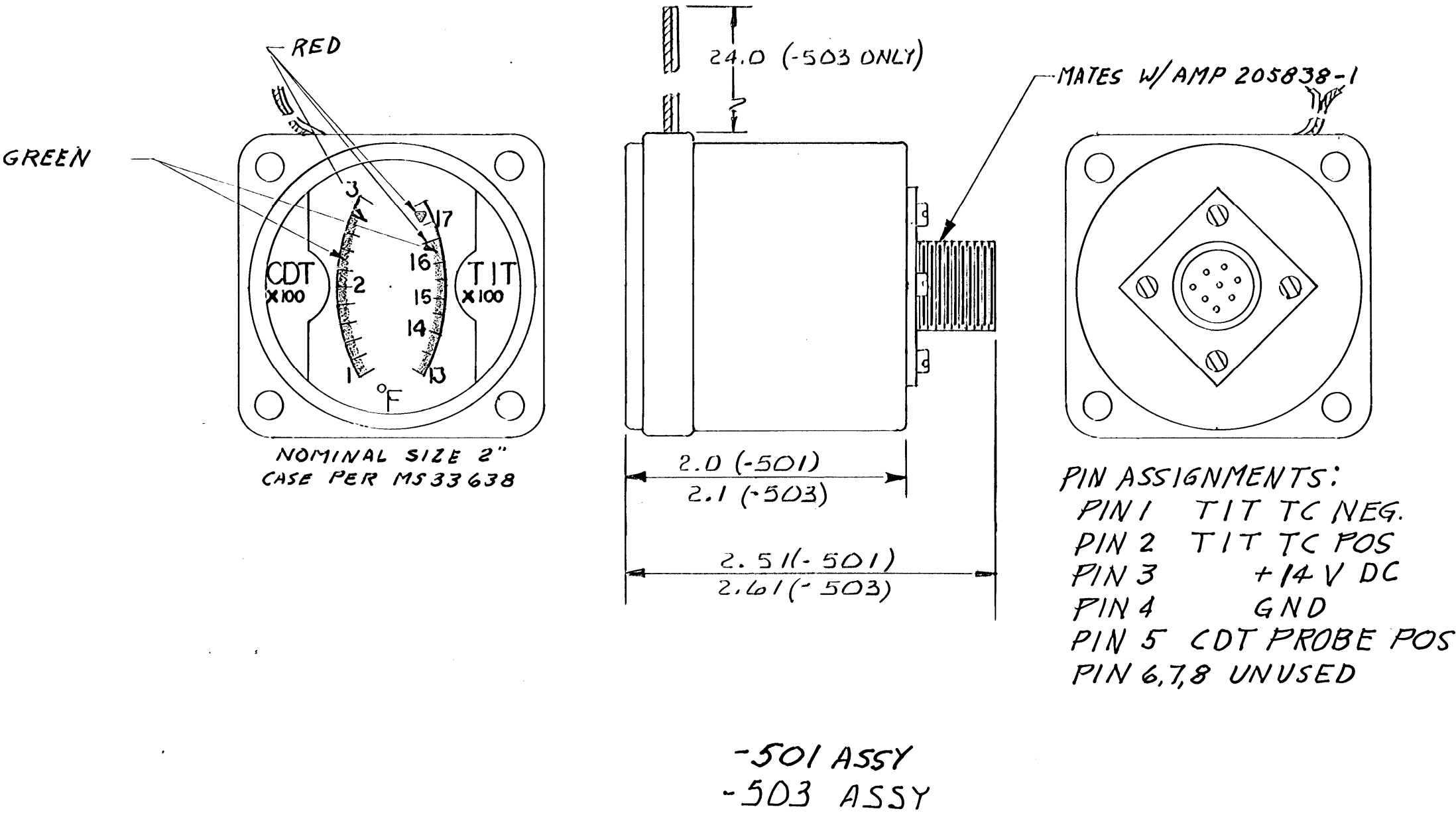


VENDOR DESIGN CHG APPROVAL BLOCK

WHITEN	PART #	APPROVED CHG LETTER							
1	0227-005	E	F	G					
2	0227-006								



11. POWER REQUIREMENTS: +14VDC, 26 MILLIAMPS
MAXIMUM CURRENT DRAIN
- 10.(FOR -503 ONLY) LIGHTING: +14VDC .. BLUE WHITE IN COLOR PER
MIL-L-27160 -150 MILLIAMPS MAXIMUM CURRENT DRAIN
9. WEIGHT: 5oz
8. POSITION ERROR: CDT-INDICATOR CHANGE SHALL NOT EXCEED $\pm 4^{\circ}\text{F}$
TIT-INDICATOR CHANGE SHALL NOT EXCEED $\pm 9^{\circ}\text{F}$
7. FRICTION ERROR: CDT-INDICATOR CHANGE SHALL NOT EXCEED $\pm 4^{\circ}\text{F}$
TIT-INDICATOR CHANGE SHALL NOT EXCEED $\pm 9^{\circ}\text{F}$
6. SCALE ERROR: CDT-INDICATOR ERROR SHALL NOT EXCEED $\pm 4^{\circ}\text{F}$
TIT-INDICATOR ERROR SHALL NOT EXCEED $\pm 9^{\circ}\text{F}$
5. CALIBRATION DATA: TIT INDICATOR CALIBRATED FOR CHROMEL-ALUMEL THERMOCOUPLES
CDT INDICATOR CALIBRATED FOR RESISTANCE PROBE 0227-102 (THERMISTOR)

TIT CALIBRATION CHART		CDT	
TEMP	MILLIVOLTS	TEMP	OHMS
1700	37.48	300	57.1
1650	36.37	285	69.5
1600	35.25	250	113.8
1500	33.00	200	250.6
1400	30.70	150	603.0
1300	28.38	100	1733.0

4. RANGE MARKINGS: ARCS: .08 WIDE GREEN, CDT: 100°-280° F TIT: 1300°-1650° F
RED LINE: .03 x .16 RED, CDT: 280° F - TIT: 1650° F
RED TRIANGLE-EQUILATERAL-.08 SIDES-TIT: 1725° F
3. SCALE SPAN: CDT: 100°-300° F, TIT: 1300°-1750° F
2. DIAL COLORS: FLAT BLACK-FED STD 595 #37038, WHITE-FED STD 595 #37875
BLUE FED STD 595 #15450, GREEN-FED STD 595 #14090
RED FED STD 595 #31302
NUMBERS, LETTERS, & ARC: CDT-WHITE / TIT-BLUE
1. CASE: FLAT BLACK-FED STD 595 #37038

GEN. NOTES:

SPEC CONT DWG

✓	0227-006	INDICATOR-TEMP CDT-TIT	B+D INSTRUMENTS INC. VALLEY CENTER, KS 67147				2
✓	0227-005	INDICATOR-TEMP CDT-TIT	B+D INSTRUMENTS, INC. VALLEY CENTER, KS 67147				1
NO REQ PER NOTED DASH NO	PART NO.	PART NAME	MATERIAL	STOCK SIZE	MATERIAL SPECIFICATION	FINISH	ZONE ITEM
		DRAFTSMAN GROUP ENGR. PROJ. ENGR. CH. CHECK STRESS WEIGHT DES. ENGR.	UNLESS OTHERWISE SPECIFIED TOLERANCES ON DIMENSIONS LINEAR: FOR DIMENSIONS IN TENTHS .X = $\pm .1$ HUNDREDTHS .XX = $\pm .03$ THOUSANDS .XXX = $\pm .010$ REMOVE SHARP EDGES AND BURRS .031 CORNER RAD. UP TO AND INCLUDING 1.25 DIA. .063 RADIUS FOR LARGER DIA. MACHINED CORNERS .031 RADIUS MIN.		HEAT TREAT NONE		SCALE FULL
			SURFACE ROUGHNESS PER NATIONAL AEROSPACE STANDARD #30		COMPANY APPROVAL DATE		
			INDICATOR, TEMPERATURE CDT - TIT		LAYOUT		
			MOONEY AIRCRAFT CORP KERRVILLE, TEXAS		SHEET 1 OF 1		880000