

SPECIFICATIONS

INPUT VOLTAGE	3.0 V rms (NOM)
INPUT FREQUENCY	2.5 kHz (NOM)
ELECTRICAL STROKE	±5.00 INCH [± 127 mm]
SENSITIVITY	0.11 mV/VOLT/.001 INCH NOM [4.33mV/VOLT/mm NOM]
NON-LINEARITY	0.25 % OF FULL RANGE (MAX)
PHASE SHIFT	+2°
IMPEDANCE:	-----
PRIMARY	538 OHMS (NOM)
SECONDARY	515 OHMS (NOM)
OPERATING TEMP	
CL1 Div2	-58° TO 300° F
SHOCK SURVIVAL	1000 g's, 11ms
VIBRATION TOL	20g UP TO 2000 Hz

NOTES:

1. MARK UNIT (APPROXIMATE AREA AS SHOWN) WITH THE FOLLOWING:

MEASUREMENT SPECIALTIES  
1000 LUCAS WAY  
HAMPTON, VA 23666 USA  
HLR 750-5000  
SERIAL NO. xxxxx  
DATE OF MFG MMYYYY  
MADE IN XXX

2. MARK UNIT (APPROXIMATE AREA AS SHOWN) WITH THE FOLLOWING:

**UL** **US LISTED**  
9WX2  
Class I Div. 2  
Groups A,B,C and D T3C  
Class I, Zone 2, AEx nA IIC T3  
Ambient Temp: -58° to 300°F (-50° to 150°C)  
Max. Input: 6V rms @ 2.5 kHz

See installation instruction document  
011600000200

2. CONTINUED

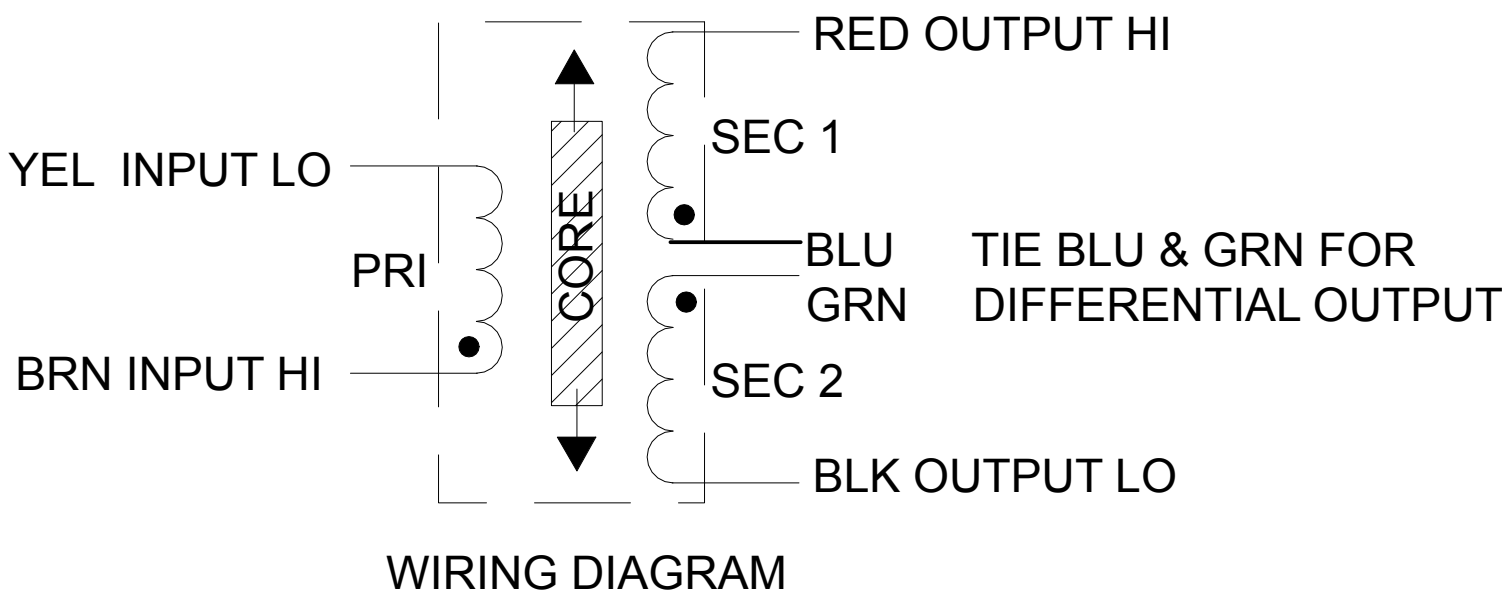
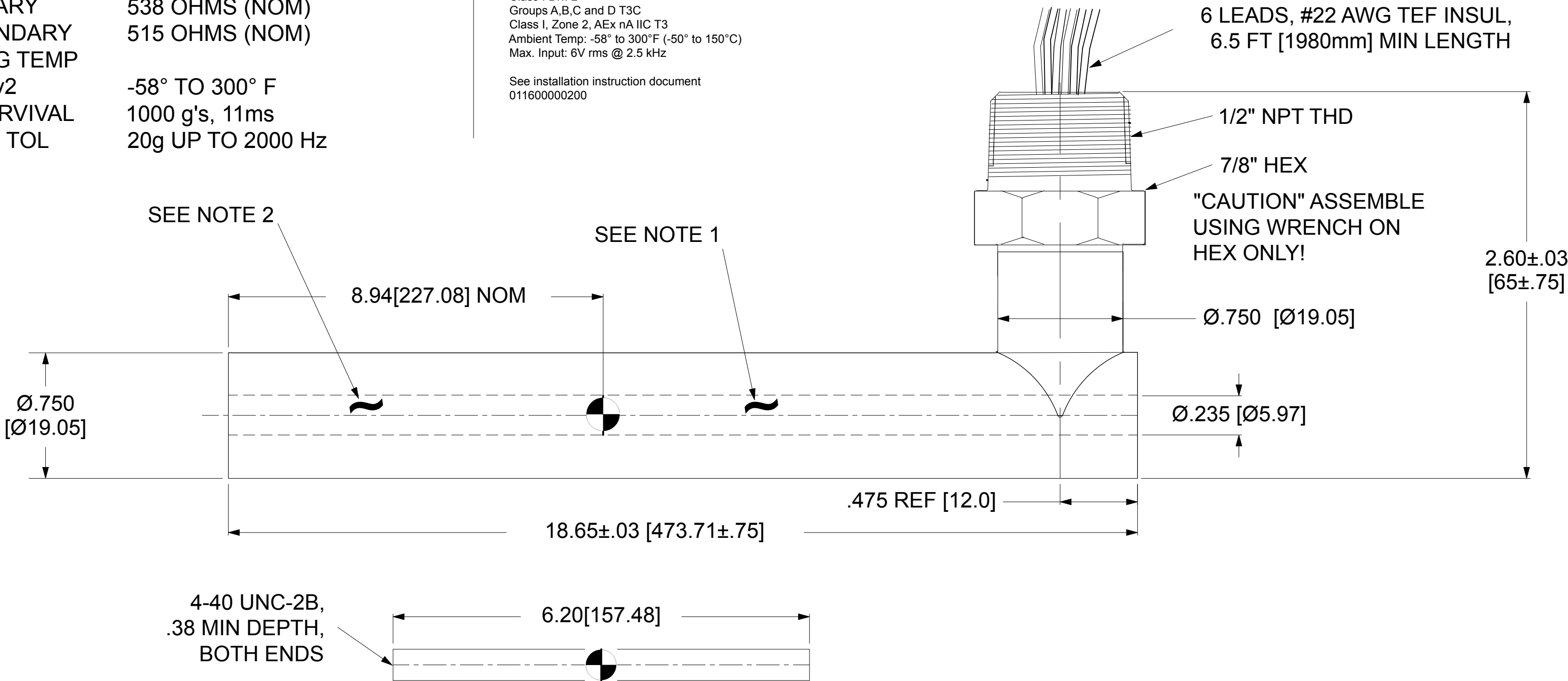
Warning - Explosion Hazard. Do Not Connect or Disconnect this equipment unless power has been removed or the area is known to be non-hazardous.

**Ex** II 3 G **CE**

UL 21 ATEX 2527  
Ex nC IIC T3 Gc  
AMBIENT RANGE: -50°C ≤ Ta ≤ 150°C  
IECEx UL ??.????


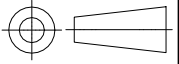
3. ELECTRO-ETCH SERIAL NUMBER ON CORE ROD IF ONE EXISTS

4. THE "XXX" in "MADE IN XXX" DENOTES COUNTRY OF MANUFACTURE



DO NOT MODIFY WITHOUT PRIOR APPROVAL FROM THE CERTIFICATION SERVICE

⦿ DENOTES CENTER OF CORE AT ELECTRICAL MID POINT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN LHP 25JUN2012			
DIMENSIONS: INCHES		CHK -			
		APVD LHP 25JUN2012	NAME		
		PRODUCT SPEC	OUTLINE, HLR-750-5000		
TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	-		
0 PLC ± -		-	SIZE	CAGE CODE	DRAWING NO
1 PLC ± -		-	A2	0ZW31	C=011917190000
2 PLC ± 0.010		-	RESTRICTED TO		
3 PLC ± 0.005		-	-		
4 PLC ± -		-	-		
ANGLES ± 2°		-	-		
MATERIAL -		FINISH -	WEIGHT -	CUSTOMER DRAWING	
			SCALE NTS	SHEET 1 OF 1	REV G

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