

Bill of Materials				
Designation	Part Number	MFG	QTY	Description
1	-	-	1	Housing, Stainless Steel 316L, 1" Long, Ø.125"
2	-	-	3.7ft	Wire, 22 AWG, Black, 105°C, 300V
3	-	-	1	NTC, 10kOhms @ 25°C, B(25/85): 3977K, 2% Accuracy
4	-	-	-	Epoxy, Black
5	436450200	Molex	1	Connector, 2-Position, Black, 3mm Pitch, Latch Lock
6	430300007	Molex	2	Crimp, 20-24 AWG, Socket, Tin



Specifications				
Parameter	MIN	TYP	MAX	Units
Operating Temperature	-20	-	105	°C
Overall Length	22.5	23	23.5	Inches
Sensing Element	NTC 10kOhms @ 25°C, B(25/85): 3977K			

1.0	INITIAL DESIGN		2/14/2024	JL		
REV	DESCRIPTION		DATE	APPROVED		
REVISION HISTORY						
DIMENSIONS & TOLERANCES ARE IN INCHES X ± 0.5 X.X ± 0.15 X.XX ± 0.010 X.XXX ± 0.005		CONFIDENTIALITY: This drawing and the information within is the property of Phoenix Sensors and shall not be shown, published, or disclosed to anyone without the express written consent of Phoenix Sensors LLC.		PROJECT Phoenix Sensors Engineering		
APPROVED	J. Hall	2/14/2024	COMPANY CONFIDENTIAL		P/N PTS11-0-0-1.00-10KB-SS-M	
CHECKED	D. Butler	2/14/2024	LEGAL OWNER PHOENIX SENSORS		DESC. Temperature Sensor	
DRAWN	J. Lauderback 2/14/2024				SCALE SHEET REV	
WEIGHT	X.X oz	SIZE B			3 1/1 1.0	