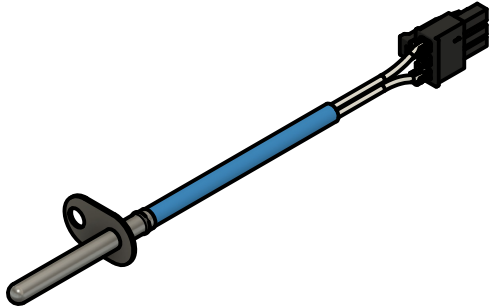
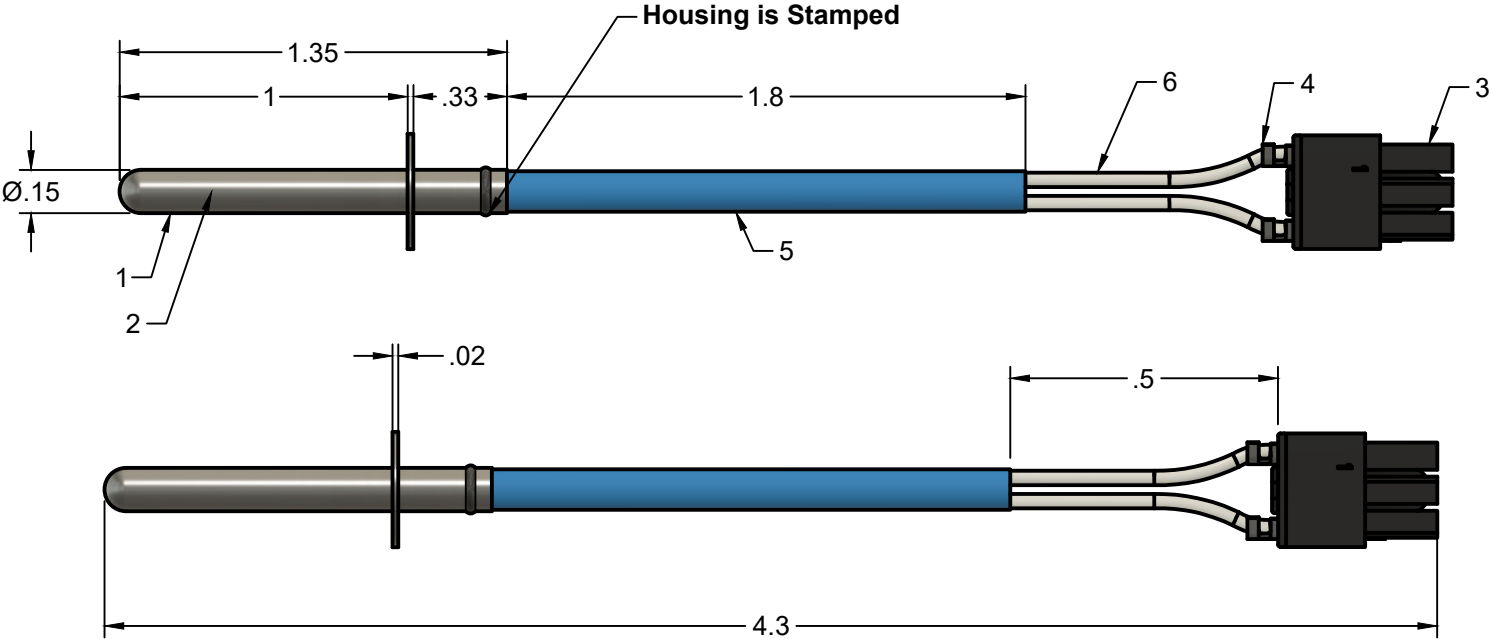
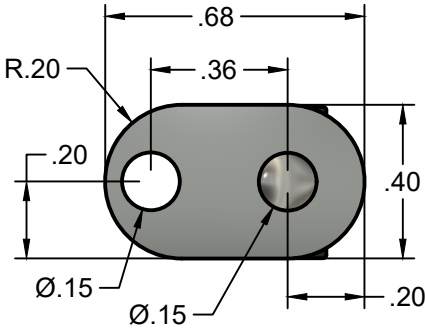
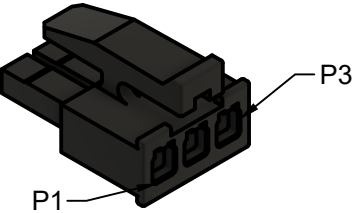




Bill of Materials				
Designation	Part Number	MFG	QTY	Description
1	PTS16-1-HOUS	PS	1	Custom housing for PTS16-1
2	-	-	1	NTC 50 kOhms @25°C, B(25/85) 3950K
3	1445022-3	TE	1	Connector, 3-POS, Female, Receptacle w/ Latch Lock
4	794610-1	TE	2	Crimp, 20-24AWG, Tin, Female, Socket
5	-	-	0.2 FT	Heat Shrink Tubing, Flexible 0.375", 2 to 1 BLUE
6	-	-	0.6FT	22AWG, White, Single Con, 300V, 125°C
7	-	-	-	Black Epoxy



Pinout	
P1	White
P2	NC
P3	White



Specifications				
Parameter	MIN	TYP	MAX	Units
Operating Temperature	-40	-	125	°C
Overall Length	4.0	4.3	4.6	Inches
Accuracy	-1	-	1	%
Housing Material	SS 316L			
Sensing Element	NTC 50 kOhms @25°C, B(25/85) 3950K			

A	INITIAL DESIGN		8/13/2024	DB	
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		
			DESC. Temperature Sensor		
APPROVED J. Lauderback 8/14/2024		LEGAL OWNER PHOENIX SENSORS 	DWG NO PTS16-1		
CHECKED J. Hall 8/13/2024	DRAWN D. Butler 8/13/2024				
WEIGHT X.X oz	SIZE B	COMPANY CONFIDENTIAL	SCALE 1.5	SHEET 1/1	REV A