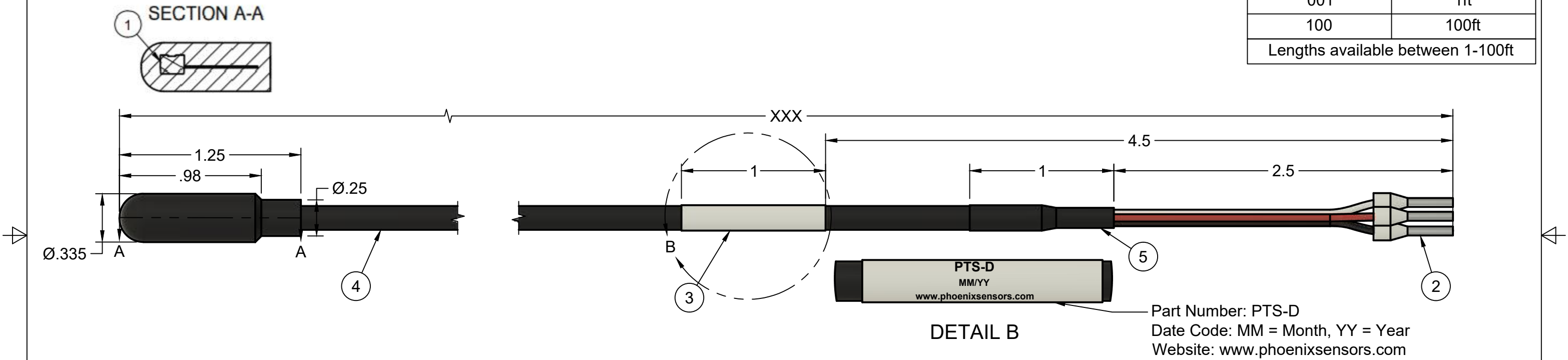




Bill of Materials				
Designation	P/N	MFG	QTY	Description
1	DS18B20	UMW	1	Temperature Sensor, Digital, 9-12b Resolution, 125°C
2	-	-	3	Ferrule, 24 AWG, 8mm Pin, White
3	-	-	.085ft	Heat Shrink Label, Ø1/4", 1" Long, White
4	-	-	1	PTFE Overmolded Cable, 24 AWG, 3-Conductor, 150°C, Black
5	-	-	.085ft	Heat Shrink Tubing, Ø1/4", 1" Long, Adhesive Backed, Black

Lengths (XXX)	
-XXX	Length
001	1ft
100	100ft
Lengths available between 1-100ft	



Specifications				
Parameter	MIN	TYP	MAX	Units
Operating Temperature	-55	-	125	°C
Overall Length	XXX - .25	XXX	XXX + .25	Inches
Supply Voltage	2.5	-	5.5	V
Accuracy	-0.4	-	0.4	°C
Sensing Element	DS18B20			
Environmental Rating	IP68			
Overmold Material	PTFE			

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Revision	Initial	Date	Notes			
1.0	JL	6/7/2023	Initial Design			
1.1	JL	6/13/2023	Updated label, cable color & added length options			
1.2	JL	6/15/2023	Updated overmold material & length table			
1.3	JH	1/26/2024	Updated overmold material to PTFE			
TOLERANCES ARE IN INCHES (MM) X +/- 0.25 X.X +/- 0.15 X.XX +/- 0.010 X.XXX +/- 0.005		PROJECT Phoenix Sensors Engineering				
		TITLE PTS-D-XXX Digital Temperature Sensor				
APPROVED	S. Goretzke	6/7/2023	SIZE	CODE	DWG NO	REV
CHECKED	J. Hall	6/7/2023	B		PTS-D-XXX	1.2
DRAWN	J. Lauderback	6/7/2023	SCALE 1.5		WEIGHT X.X oz	SHEET 1/1