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**Patterson-Kelley**

**P-K PART #**

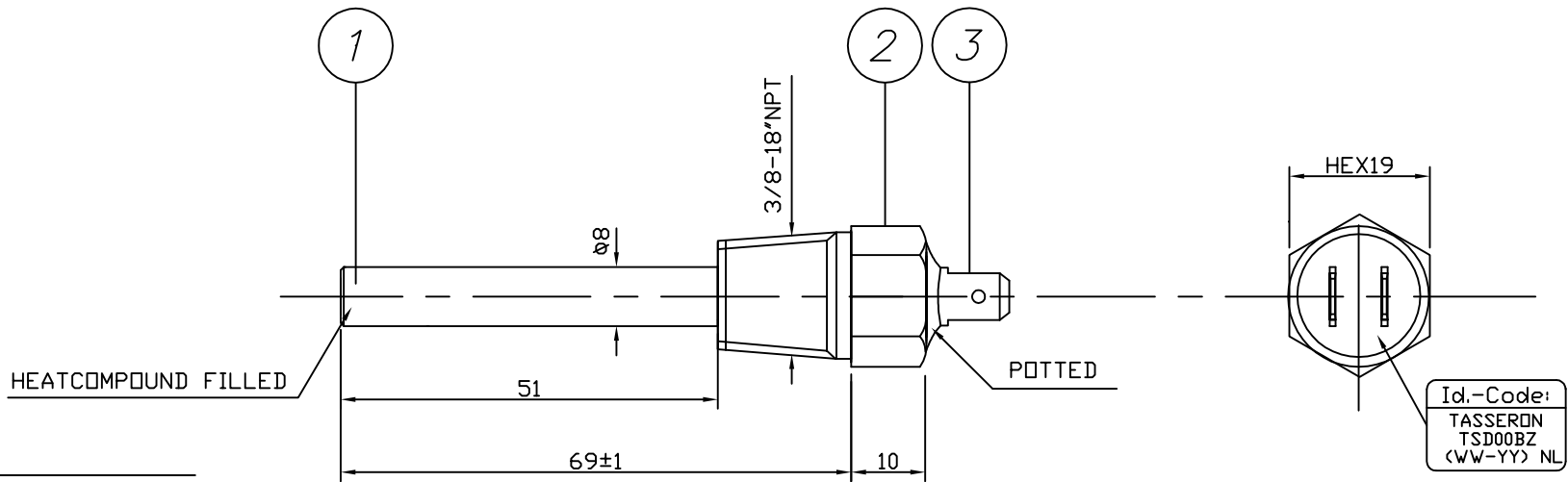
**REV.**

**VENDOR DRAWING**

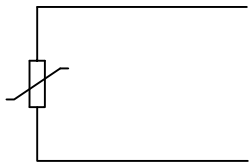
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REV.    DATE

DESCRIPTION



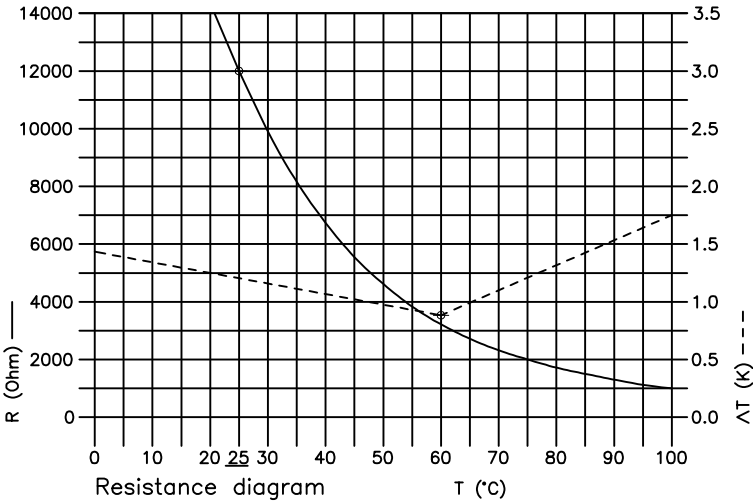
NTC thermistor  
type 12KOhm 3%  
single 2-wire  
12KOhm at 25°C  
Bvalue 3740K @25/85°C  
range 0..+105°C  
tolerance 3% at 60°C



Electrical circuit

T(°C)	R(Ohm)
0	36100
5	28590
10	22790
15	18290
20	14770
25	12000
30	9805
35	8055
40	6653
45	5524
50	4609
55	3863
60	3253
65	2752
70	2337
75	1994
80	1707
85	1467
90	1266
95	1096
100	952

Resistance table

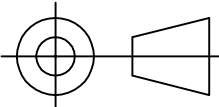


Resistance diagram

1	1	—				NTC			
2	1	AISI 316L/1.4404				HOUSING HEX19			
3	1	—				FASTON 6.3x0.8 MM CONNECTOR			
POS.		QTY.		MATERIAL			DESCRIPTION		
—	—	—		—	—	—	<div>TASSERON</div> <div>SENSORS &amp; CONTROLS</div> <div>NTC sensor 12K3%, HEX19, 3/8" NPT, Ø8X69mm</div>		
—	—	—		—	—	—			
—	—	—		—	—	—			
—	—	—		—	—	—			
—	—	—		—	—	—			
1	Chg. Tabs	JB	CB	—	16-07-19	—			
0	preliminary	JB	CB	—	06-03-19	—			
REV.	DESCRIPTION			DWN	APP RD	APP PRD	DATE	DRAWING NO. TSD00BZ-R	A4

⚠ CHANGE CAD-DRAWING ONLY WITH CAD-SYSTEM ⚠

This drawing is considered confidential information and will therefore remain our property. It may not be reproduced or disclosed to any third party without written consent of our company.



SCALE: 1:1  
DIMENSIONS: all units in mm  
TOLERANCES: ±0.2mm unless otherwise noted