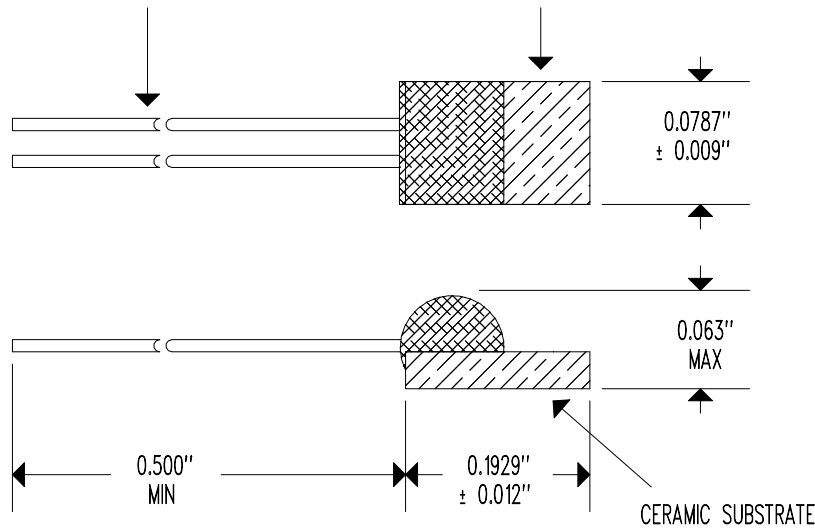


0.0079" NOMINAL DIAMETER,
GOLD-PLATED NICKEL LEAD WIRES

GLASS COATED
RTD ELEMENT



TEMPERATURE (°C)	RESISTANCE (Ω NOMINAL)	RESISTANCE TOLERANCE (± Ω)	TEMPERATURE ACCURACY (± °C)
-40	1,584	12	1.9
-30	1,649	11	1.7
-20	1,715	10	1.5
-10	1,794	9	1.3
0	1,854	8	1.1
+10	1,926	6	0.8
+20	2,000	5	0.7
+30	2,076	5	0.7
+40	2,153	6	0.8
+50	2,233	7	0.9
+60	2,314	9	1.1
+70	2,397	10	1.2
+80	2,482	12	1.4
+90	2,569	14	1.6
+100	2,658	16	1.8
+110	2,748	18	2.0
+120	2,840	19	2.0
+130	2,934	21	2.2
+140	3,030	23	2.4
+150	3,128	25	2.5

REV	DESCRIPTION	DATE	APP
0	INITIAL RELEASE	09/08/2020	DD
REVISION HISTORY			

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	DRAWN BY: DAN DANKERT	
P/N ERTD9T182KA	SCALE: NONE	LAYER: 0 OF 2
	REV: 0	DATE: 09/08/2020

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RESISTANCE @ 0°C = 1,854 Ω NOMINAL
 TCR = 4,334 ppm/°C
 DISSIPATION CONSTANT = 7 mW/°C NOMINAL (AIR)
 MAXIMUM RECOMMENDED APPLIED CURRENT = 0.2 mA
 THERMAL TIME CONSTANT = 8.5 SECONDS NOMINAL (AIR @ 1m/SECOND)
 TEMPERATURE RATING = -60 TO +200°C

ROHS COMPLIANT