

R@25C: 10 DHMS +/-10%
 PTC: .7%/C
 OPERATING RANGE: -55 TO 125 C
 STORAGE RANGE: -65 TO 150 C
 THERMAL TIME CONSTANT: 60 SEC. MAX.
 DISSIPATION CONSTANT: 2.5 mw/C MIN.
 POWER RATING: .5w@25C, DERATE TO 125
 TESTED PER MIL-R-23648/9

FIG. 1: PERFORMANCE CHARACTERISTICS

TEMP (C)	RESISTANCE MULTIPLIER	RESISTANCE TOLERANCE
-55	.615	25
-15	.79	18
0	.863	12
25	1.00	10
50	1.16	12
75	1.35	14
100	1.545	17
125	1.75	205

FIG. 2: R-T CHARACTERISTICS

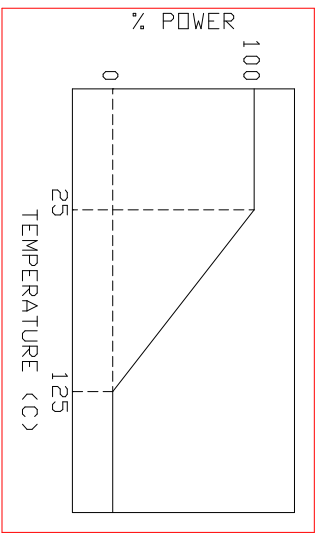


FIG. 3: POWER DERATING CURVE

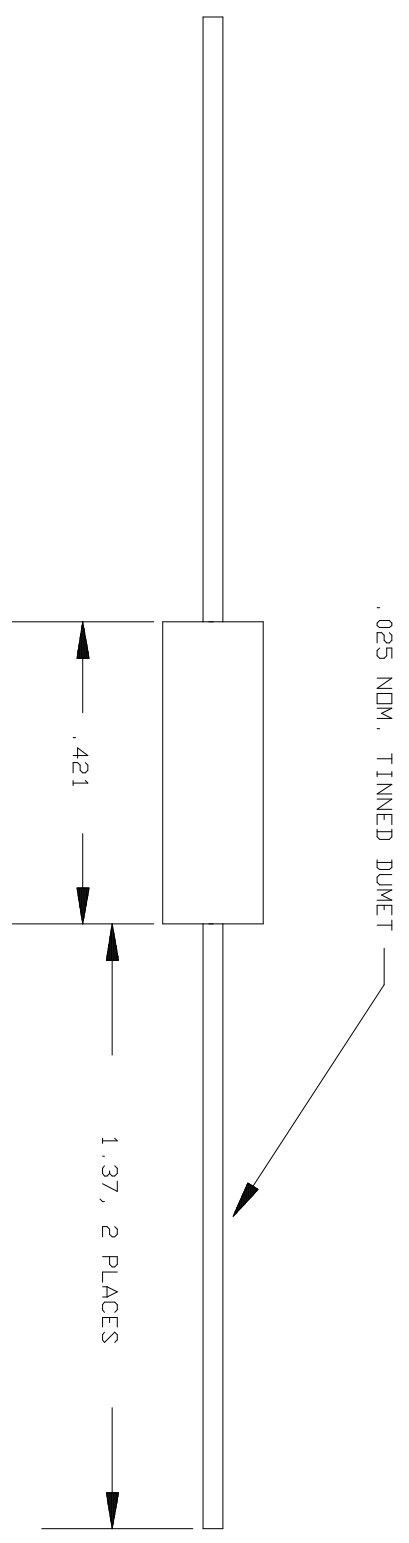
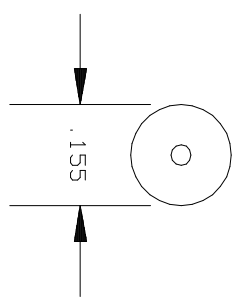


FIG. 4: DIMENSIONS (INCHES)

NOTE: DRAWING FOR REFERENCE ONLY
 IN THE EVENT OF CONFLICT BETWEEN THIS
 DRAWING AND MIL-R-23648/9
 MIL-R-23648/9 SHALL TAKE PRECEDENCE

		QUALITY THERMISTOR INC. 2108 CENTURY WAY BOISE, ID 83709 PH: 208-377-3373 FAX: 208-376-4754	
DRAWING FILE NAME: 22ES100K		DATE:	
ORIGINATOR:		DATE:	
ENGINEER:		DATE:	
SALES MGR.:		DATE:	
QUALITY MGR.:		DATE:	
PRDD. MGR.:		DATE:	
DESCRIPTION: 10 DHM, 10%, MIL-R-23648/9		QTI PART NUMBER: RTH22ES100K	
TOLERANCES: X=0, .1" XX=0, .02" XXX=0, .001"		JOB NUMBER:	
ND.		DATE	
REVISION		APPROVAL	
3.2.00		JH	
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DRAWING		PAGE	
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