

R@25C: 100 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	.582	25
-15	.770	18
0	.847	12
25	1.00	10
50	1.17	12
75	1.37	14
100	1.58	17
125	1.80	20

FIG. 2: R-T CHARACTERISTICS

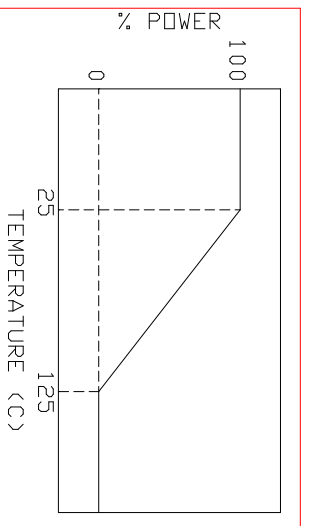


FIG. 3: POWER DERATING CURVE

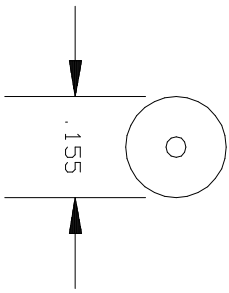
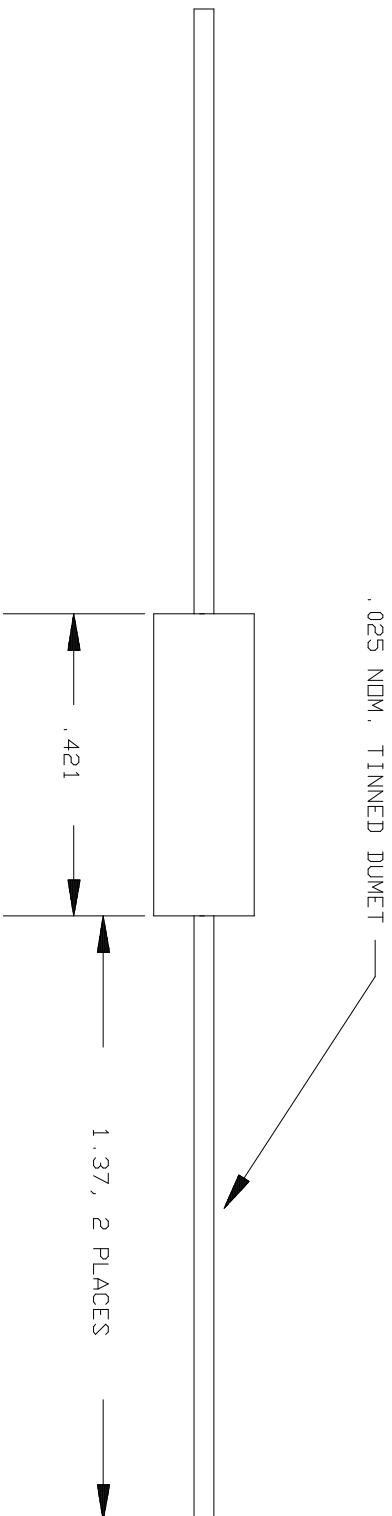
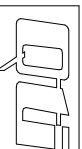


FIG. 4: DIMENSIONS (INCHES)



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

NO.	DATE	REVISION	APPROVAL
	3.2.00	-	JH



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DESCRIPTION:

100 DHM, 10%, MIL-R-23648/9

DRAWING FILE NAME: 22ES101K	DATE:
ORIGINATOR:	DATE:
ENGINEER:	DATE:
SALES MGR.:	DATE:
QUALITY MGR.:	DATE:
PRDD. MGR.:	DATE:
QTI PART NUMBER: RTH22ES101K	DRAWING REV: -

TOLERANCES:	X = 0, .1"	JOB NUMBER:	PAGE
	XX = 0, .02"		1 / 1
	XXX = 0, .001"		