



LASER MARKING DETAILS	
R25 X YR/WK	
B VALUE	CODE(X)
4000	MH

**RESISTANCE VS TEMP CHARACTERISTICS:**

Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)	Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)
-40	3058	3214	3377	50	35.010	35.910	36.820
-35	2230	2337	2448	55	28.940	29.740	30.550
-30	1644	1717	1793	60	24.040	24.750	25.480
-25	1224	1274	1327	65	20.070	20.700	21.340
-20	919.3	954.6	991.1	70	16.830	17.380	17.960
-15	695.1	719.7	745.1	75	14.170	14.660	15.170
-10	530.2	547.5	565.3	80	11.980	12.420	12.870
-5	407.9	420.1	432.5	85	10.180	10.570	10.970
0	316.3	324.9	333.7	90	8.676	9.023	9.381
5	246.9	253.0	259.2	95	7.425	7.734	8.053
10	194.2	198.6	202.9	100	6.377	6.652	6.937
15	153.9	156.9	160.0	105	5.496	5.741	5.996
20	122.7	124.9	127.0	110	4.752	4.971	5.199
25	98.500	100.000	101.500	115	4.121	4.318	4.522
30	79.200	80.580	81.960	120	3.585	3.761	3.945
35	64.050	65.310	66.570	125	3.128	3.286	3.451
40	52.100	53.220	54.360	130	2.671	2.811	2.957
45	42.600	43.610	44.630	135	2.214	2.336	2.463

**NOTES:**

- RESISTANCE TOLERANCE @ 25°C : 100KΩ±2%.
- B-VALUE(25/85°C) : 4000K±1%.
- OPERATING TEMPERATURE RANGE : -40°C TO +105°C.
- RING TERMINAL MOUNTING HOLE DIAMETER : 3.7MM.
- TERMINAL IS NICKEL PLATED COPPER.
- VOLTAGE BREAKDOWN STRENGTH : MIN 1500VAC FOR 3SEC BETWEEN CONDUCTOR AND EYELET/RING LUG
- RESPONCE TIME : APPROX 10 SECOND IN LIQUID MEDIUM
- INSULATION RESISTANCE :MINIMUM OF 100MOHM @ 500VOLTS DC IN METALIC BALLS.

FUNCTIONAL SYMBOLS ▽A = 0 ▽E = 0 ▽V = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		
	mm	NTS	EC NO: 657688 DRWN: RAVIKM CHK'D: RBBHASKAR APPR: RBBHASKAR		
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		2021/03/09 2021/03/17 2021/03/17		NTC RING CABLE -4000 M3.5, 75MM,100K, 2%  PRODUCT CUSTOMER DRAWING
	ANGULAR TOL ± °		INITIAL REVISION: DRWN: RAVIKM APPR: RBBHASKAR		
4 PLACES ±		2021/03/09 2021/03/17		DOCUMENT NUMBER	DOC TYPE
3 PLACES ±				2138652033	PSD
2 PLACES ±				000	A
1 PLACE ±				SHEET NUMBER	
0 PLACES ±				1 OF 1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3-SIZE	213865	2138652033
					CUSTOMER
					OTS