



LASER MARKING DETAILS	
R25 X YR/WK	
B VALUE	CODE(X)
3800	MB

**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	273.2	286.8	301	50	3.693	3.786	3.88
-35	200.2	209.6	219.3	55	3.083	3.166	3.251
-30	148.4	154.9	161.6	60	2.586	2.66	2.736
-25	111.2	115.7	120.3	65	2.179	2.245	2.313
-20	84.130	87.290	90.540	70	1.843	1.903	1.964
-15	64.150	66.370	68.660	75	1.566	1.619	1.674
-10	49.370	50.950	52.560	80	1.336	1.383	1.432
-5	38.330	39.460	40.600	85	1.14	1.182	1.226
0	30.010	30.810	31.630	90	0.976	1.014	1.053
5	23.680	24.250	24.840	95	0.838	0.872	0.907
10	18.820	19.230	19.650	100	0.721	0.752	0.783
15	15.070	15.360	15.660	105	0.623	0.65	0.678
20	12.140	12.360	12.570	110	0.539	0.564	0.589
25	9.850	10.000	10.150	115	0.468	0.49	0.513
30	8.005	8.144	8.283	120	0.407	0.427	0.447
35	6.544	6.671	6.798	125	0.355	0.373	0.391
40	5.380	5.494	5.610	130	0.303	0.319	0.335
45	4.446	4.549	4.654	135	0.251	0.265	0.279

**NOTES:**

1. RESISTANCE TOLERANCE @ 25°C : 10KΩ±2%.
3. B-VALUE(25/85°C) : 3800K±1%.
4. OPERATING TEMPERATURE RANGE : -40°C TO +105°C.
5. RING TERMINAL MOUNTING HOLE DIAMETER : 3.7MM.
6. TERMINAL IS NICKEL PLATED COPPER.
7. VOLTAGE BREAKDOWN STRENGTH : MIN 1500VAC FOR 3SEC BETWEEN CONDUCTOR AND EYELET/RING LUG
8. RESPONCE TIME : APPROX 10 SECOND IN LIQUID MEDIUM
- 9.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:		<b>molex</b>				
	DIMENSION UNITS: mm	SCALE: NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)					EC NO: 657688
DIVISIONAL SYMBOLS	ANGULAR TOL ± °	4 PLACES ±	3 PLACES ±	DRWN: RAVIKM	2021/03/09	PRODUCT CUSTOMER DRAWING		
	2 PLACES ±	1 PLACE ±	0 PLACES ±	CHK'D: RBBHASKAR	2021/03/17	DOCUMENT NUMBER		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPR: RBBHASKAR	2021/03/17	2138622633	DOC TYPE: PSD	DOC PART: 000
	THIRD ANGLE PROJECTION			INITIAL REVISION:	DRWN: RAVIKM	2021/03/09	REVISION: A	
DRAWING: A3-SIZE			SERIES: 213862	APPR: RBBHASKAR	2021/03/17	CUSTOMER: OTS	SHEET NUMBER: 1 OF 1	