



LASER MARKING DETAILS	
R25 X YR/WK	
B VALUE	CODE(X)
3982	MD

**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	332.0	348.6	366.0	50	4.235	4.343	4.453
-35	243.7	255.1	267.0	55	3.504	3.6	3.698
-30	180.8	188.7	196.9	60	2.912	2.998	3.086
-25	135.5	141.0	146.7	65	2.432	2.508	2.586
-20	102.6	106.4	110.4	70	2.039	2.107	2.176
-15	78.250	80.980	83.770	75	1.717	1.777	1.839
-10	60.220	62.150	64.130	80	1.452	1.505	1.56
-5	46.720	48.100	49.500	85	1.234	1.281	1.329
0	36.530	37.510	38.510	90	1.052	1.094	1.137
5	28.820	29.530	30.240	95	0.901	0.938	0.977
10	22.880	23.380	23.890	100	0.774	0.807	0.841
15	18.260	18.620	18.980	105	0.667	0.696	0.727
20	14.650	14.910	15.170	110	0.576	0.603	0.631
25	11.820	12.000	12.180	115	0.5	0.524	0.548
30	9.540	9.706	9.872	120	0.435	0.456	0.478
35	7.736	7.887	8.039	125	0.379	0.398	0.418
40	6.302	6.438	6.575	130	0.323	0.34	0.358
45	5.155	5.277	5.400	135	0.267	0.282	0.298

**NOTES:**

1. RESISTANCE TOLERANCE @ 25°C : 12KΩ±2%.
3. B-VALUE(25/85°C) : 3982K±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	SCALE mm NTS	CURRENT REV DESC:	<b>molex</b>		
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °	4 PLACES ±	EC NO: 657688 DRWN: RAVIKM 2021/03/09 CHK'D: RBBHASKAR 2021/03/17 APPR: RBBHASKAR 2021/03/17			
DIVISIONAL SYMBOLS		3 PLACES ±	INITIAL REVISION:	PRODUCT CUSTOMER DRAWING		
		2 PLACES ±	DRWN: RAVIKM 2021/03/09 APPR: RBBHASKAR 2021/03/17	DOCUMENT NUMBER	DOC TYPE	DOC PART REVISION
		1 PLACE ±		2138652733	PSD	000 A
		0 PLACES ±				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
			A3-SIZE	213865	2138652733	OTS
						SHEET NUMBER
						1 OF 1