



**LASER MARKING DETAILS**

R25 X  
YR/WK

B VALUE	CODE(X)
3964	MC

**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	273.9	286.1	298.8	50	3.563	3.636	3.709
-35	201.4	209.7	218.3	55	2.951	3.016	3.083
-30	149.6	155.3	161.2	60	2.455	2.514	2.575
-25	112.3	116.2	120.3	65	2.052	2.105	2.159
-20	85.070	87.820	90.640	70	1.722	1.770	1.819
-15	64.980	66.900	68.870	75	1.451	1.494	1.538
-10	50.070	51.410	52.780	80	1.228	1.266	1.305
-5	38.890	39.830	40.790	85	1.044	1.078	1.113
0	30.440	31.100	31.770	90	0.891	0.922	0.953
5	24.040	24.500	24.970	95	0.763	0.791	0.819
10	19.100	19.420	19.750	100	0.656	0.681	0.706
15	15.260	15.490	15.710	105	0.566	0.588	0.611
20	12.260	12.410	12.560	110	0.489	0.509	0.530
25	9.900	10.000	10.100	115	0.425	0.443	0.461
30	7.998	8.096	8.194	120	0.370	0.386	0.403
35	6.492	6.585	6.679	125	0.323	0.337	0.352
40	5.293	5.380	5.467	130	0.276	0.283	0.301
45	4.334	4.414	4.495	135	0.229	0.230	0.250

**NOTES:**

- RESISTANCE TOLERANCE @ 25°C : 10KΩ±1%.
- B-VALUE(25/85°C) : 3964K±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 ▽/Z = 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	SCALE	EC NO: 657688				
	mm	NTS	DRWN: RAVIKM 2021/03/10				
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: RBBHASKAR 2021/03/17				
DIVISIONAL SYMBOLS	ANGULAR TOL ± °		APPR: RBBHASKAR 2021/03/17		PRODUCT CUSTOMER DRAWING		
	4 PLACES ±	INITIAL REVISION:					
	3 PLACES ±	DRWN: RAVIKM 2021/03/10					
	2 PLACES ±	APPR: RBBHASKAR 2021/03/17					
1 PLACE ±	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
0 PLACES ±	2146541633		PSD	000	A		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		⊕	A3-SIZE	214654	2146541633	OTS	1 OF 1