



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	272.5	286.1	300.3	50	3.545	3.636	3.728
-35	200.3	209.7	219.4	55	2.936	3.016	3.099
-30	148.9	155.3	162	60	2.442	2.514	2.587
-25	111.7	116.2	120.9	65	2.041	2.105	2.17
-20	84.64	87.82	91.09	70	1.713	1.77	1.828
-15	64.66	66.9	69.21	75	1.444	1.494	1.545
-10	49.82	51.41	53.04	80	1.222	1.266	1.312
-5	38.69	39.83	40.99	85	1.039	1.078	1.119
0	30.29	31.1	31.93	90	0.886	0.922	0.958
5	23.92	24.5	25.1	95	0.759	0.791	0.823
10	19.01	19.42	19.85	100	0.653	0.681	0.71
15	15.19	15.49	15.79	105	0.563	0.588	0.614
20	12.2	12.41	12.63	110	0.487	0.509	0.533
25	9.85	10	10.15	115	0.423	0.443	0.463
30	7.958	8.096	8.235	120	0.368	0.386	0.405
35	6.459	6.585	6.712	125	0.321	0.337	0.354
40	5.266	5.38	5.495	130	0.274	0.288	0.303
45	4.312	4.414	4.517	135	0.227	0.239	0.252

NOTES:

- RESISTANCE TOLERANCE @ 25°C : 10KΩ±2%.
- 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 √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:		molex
	mm	NTS			
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 657688		PRODUCT CUSTOMER DRAWING
	4 PLACES	±	DRWN: RAVIKM	2021/03/09	
	3 PLACES	±	CHK'D: RBBHASKAR	2021/03/17	DOCUMENT NUMBER 2138642635
	2 PLACES	±	APPR: RBBHASKAR	2021/03/17	
	1 PLACE	±	INITIAL REVISION:		DOC PART 000
	0 PLACES	±	DRWN: RAVIKM	2021/03/09	REVISION A
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING A3-SIZE	SHEET NUMBER 1 OF 1
			SERIES 213864	MATERIAL NUMBER 2138642635	CUSTOMER OTS