



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:

1. RESISTANCE TOLERANCE @ 25°C : 10KΩ±1%.
3. B-VALUE(25/85°C) : 3964K±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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:					
	DIMENSION UNITS	SCALE						
▽/A = 0	mm	NTS	EC NO: 657688 DRWN: RAVIKM 2021/03/09 CHK'D: RBBHASKAR 2021/03/17 APPR: RBBHASKAR 2021/03/17 INITIAL REVISION: DRWN: RAVIKM 2021/03/09 APPR: RBBHASKAR 2021/03/17		NTC RING CABLE - 3964 M3.5, 150MM,10K,1%			
▽/E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				PRODUCT CUSTOMER DRAWING			
▽/V = 0	ANGULAR TOL ± °				DOCUMENT NUMBER			
DIVISIONAL SYMBOLS	4 PLACES ±				2138641635		DOC TYPE	DOC PART
	3 PLACES ±		2138641635		PSD	000	A	
	2 PLACES ±		2138641635					
	1 PLACE ±		2138641635					
	0 PLACES ±		2138641635					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
				A3-SIZE	213864	2138641635	OTS	1 OF 1