



LASER MARKING DETAILS	
R25 X YR/WK	
B VALUE	CODE(X)
4000	MH

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	1518	1596	1679	50	16.270	16.690	17.110
-35	1100	1153	1208	55	13.420	13.790	14.170
-30	805.9	842.1	879.8	60	11.120	11.450	11.790
-25	596.5	621.5	647.3	65	9.263	9.555	9.854
-20	445.8	463.1	480.9	70	7.750	8.009	8.274
-15	335.4	347.4	359.8	75	6.513	6.741	6.977
-10	254.7	263.1	271.7	80	5.495	5.698	5.907
-5	195.1	201.0	207.0	85	4.649	4.828	5.014
0	150.7	154.9	159.1	90	3.947	4.106	4.271
5	117.3	120.2	123.2	95	3.363	3.504	3.650
10	92.030	94.080	96.160	100	2.875	3.000	3.130
15	72.700	74.150	75.600	105	2.465	2.577	2.692
20	57.830	58.840	59.860	110	2.121	2.220	2.323
25	46.300	47.000	47.710	115	1.830	1.918	2.010
30	37.130	37.780	38.430	120	1.583	1.662	1.744
35	29.960	30.550	31.140	125	1.374	1.444	1.518
40	24.310	24.840	25.370	130	1.165	1.226	1.292
45	19.830	20.310	20.780	135	0.956	1.008	1.066

NOTES:

- RESISTANCE TOLERANCE @ 25°C : 47KΩ±2%.
- B-VALUE(25/85°C) : 4050K±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	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	
	ANGULAR TOL ± °		DRWN: RAVIKM 2021/03/09			
4 PLACES ±		CHK'D: RBBHASKAR 2021/03/17		DOCUMENT NUMBER	DOC TYPE	
3 PLACES ±		APPR: RBBHASKAR 2021/03/17				2138692933
2 PLACES ±		INITIAL REVISION:		DOC PART	REVISION	
1 PLACE ±		DRWN: RAVIKM 2021/03/09				000
0 PLACES ±		APPR: RBBHASKAR 2021/03/17		SHEET NUMBER	1 OF 1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING			SERIES
			A3-SIZE	213869	2138692933	OTS