



LASER MARKING DETAILS

R25 X
YR/WK

B VALUE	CODE(X)
3500	MA

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	208.9	218.8	229.0	50	3.987	4.084	4.182
-35	157.2	164.1	171.3	55	3.375	3.463	3.552
-30	119.5	124.4	129.5	60	2.870	2.949	3.030
-25	91.650	95.170	98.800	65	2.450	2.522	2.595
-20	70.960	73.490	76.090	70	2.100	2.165	2.231
-15	55.340	57.170	59.050	75	1.807	1.865	1.925
-10	43.510	44.840	46.210	80	1.560	1.613	1.667
-5	34.490	35.460	36.450	85	1.351	1.399	1.448
0	27.530	28.240	28.970	90	1.175	1.218	1.262
5	22.120	22.650	23.170	95	1.024	1.063	1.104
10	17.900	18.280	18.670	100	0.896	0.931	0.968
15	14.580	14.860	15.140	105	0.785	0.818	0.851
20	11.950	12.150	12.360	110	0.691	0.720	0.750
25	9.850	10.000	10.150	115	0.609	0.636	0.663
30	8.135	8.274	8.415	120	0.539	0.563	0.588
35	6.755	6.884	7.013	125	0.477	0.499	0.522
40	5.639	5.756	5.875	130	0.415	0.435	0.456
45	4.73	4.837	4.945	135	0.353	0.371	0.39

NOTES:

- RESISTANCE TOLERANCE @ 25°C : 10KΩ±2%.
- B-VALUE(25/85°C) : 3500K±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																								
	<table border="1"> <tr> <th>FUNCTIONAL SYMBOLS</th> <th>DIMENSION UNITS</th> <th>SCALE</th> </tr> <tr> <td>$\nabla/A = 0$</td> <td>mm</td> <td>NTS</td> </tr> <tr> <td>$\nabla/E = 0$</td> <td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td> </tr> <tr> <td>$\nabla/Z = 0$</td> <td colspan="2">ANGULAR TOL ± °</td> </tr> <tr> <td rowspan="5">DIVISIONAL SYMBOLS</td> <td>4 PLACES</td> <td>±</td> </tr> <tr> <td>3 PLACES</td> <td>±</td> </tr> <tr> <td>2 PLACES</td> <td>±</td> </tr> <tr> <td>1 PLACE</td> <td>±</td> </tr> <tr> <td>0 PLACES</td> <td>±</td> </tr> </table>	FUNCTIONAL SYMBOLS	DIMENSION UNITS				SCALE	$\nabla/A = 0$	mm	NTS	$\nabla/E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		$\nabla/Z = 0$	ANGULAR TOL ± °		DIVISIONAL SYMBOLS	4 PLACES	±	3 PLACES	±	2 PLACES	±	1 PLACE	±	0 PLACES	±	EC NO: 657688 DRWN: RAVIKM 2021/03/10 CHK'D: RBBHASKAR 2021/03/17 APPR: RBBHASKAR 2021/03/17 INITIAL REVISION: DRWN: RAVIKM 2021/03/10 APPR: RBBHASKAR 2021/03/17
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER																					
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