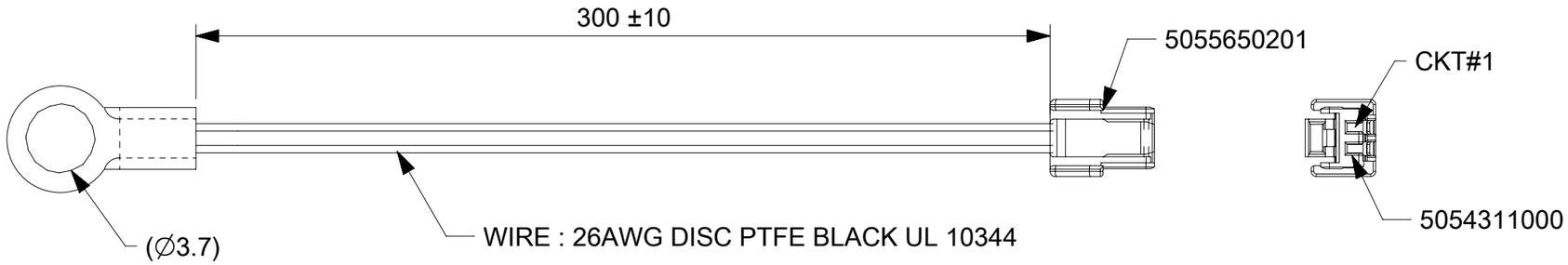
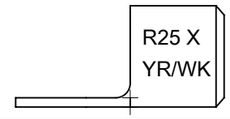


LASER MARKING DETAILS



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	210.000	218.800	227.900	50	4.007	4.084	4.162
-35	158.000	164.100	170.400	55	3.392	3.463	3.535
-30	120.100	124.400	128.800	60	2.884	2.949	3.015
-25	92.120	95.170	98.310	65	2.463	2.522	2.582
-20	71.320	73.490	75.720	70	2.111	2.165	2.220
-15	55.620	57.170	58.750	75	1.816	1.865	1.916
-10	43.730	44.840	45.980	80	1.568	1.613	1.659
-5	34.660	35.460	36.270	85	1.358	1.399	1.441
0	27.670	28.240	28.820	90	1.181	1.218	1.256
5	22.240	22.650	23.060	95	1.029	1.063	1.098
10	17.990	18.280	18.580	100	0.900	0.931	0.963
15	14.650	14.860	15.070	105	0.789	0.818	0.847
20	12.010	12.150	12.300	110	0.694	0.720	0.747
25	9.900	10.000	10.100	115	0.612	0.636	0.660
30	8.176	8.274	8.373	120	0.541	0.563	0.585
35	6.790	6.884	6.979	125	0.480	0.499	0.520
40	5.667	5.756	5.846	130	0.419	0.435	0.455
45	4.754	4.837	4.921	135	0.358	0.371	0.390

NOTES:

1. RESISTANCE TOLERANCE @ 25°C : 10KΩ±1%.
3. B-VALUE(25/85°C) : 3500K±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.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS: F/A = 0, F/C = 0, F/P = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

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

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 213860

molex

NTC RING CABLE - 3500 M3.5, 300MM,10K,1%

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2138601637	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
2138602637	OTS	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/17 06:57:01

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REVISION: J
DATE: 2020/01/14