Shenzhen DXM Technology Co., Ltd

PTC thermistor

Meter and instrument overvoltage protection PTC Thermistor-MZ31 series

Specification&Part no.

Item	Part No.	Resistance R 25（Ω）	Non-trip current Int（mA）		Tripcurrent @25℃ It（mA）	Max. current I m a x (A)	Max. operating voltage V max (V)	Curie temperature T c (℃)	Dimension（mm）		
			@25℃	@60℃					D max	T max	Φd
1	MZ31-3H05P152N550	1500	·12	9	24	0.1	550	120(P)	6.5	5.0	0.6
2	MZ31-3H05P122N550	1200	15	10	30	0.1	550		6.5	5.0	0.6
3	MZ31-3H05P601N420	600	20	16	39	0.2	420		6.5	5.0	0.6
4	MZ31-4H08P501N550	500	24	19	48	1.0	550		8.5	7.0	0.6
5	MZ31-4H08P151N420	150	43	35	86	1.4	420		8.5	7.0	0.6
6	MZ31-4H08P121N420	120	49	40	97	1.4	420		8.5	7.0	0.6
7	MZ31-4H08P70RN420	70	64	50	127	1.4	420		8.5	7.0	0.6
8	MZ31-3H05P65RN265	65	70	60	140	0.4	265		6.5	5.0	0.6
9	MZ31-3H05P39RN265	39	85	70	170	0.4	265		6.5	5.0	0.6
10	MZ31-3H05N751N420	750	25	20	45	0.2	420	100(N)	6.5	5.0	0.6
11	MZ31-3H03N401N265	400	25	20	45	0.2	265		4.5	5.0	0.5
12	MZ31-3H03N151N265	150	30	25	60	0.2	265		4.5	5.0	0.5
13	MZ31-3H05H312N420	3100	5	4	13	0.1	420	80(H)	6.5	5.0	0.6
14	MZ31-3H05H232N420	2300	8	6	17	0.1	420		6.5	5.0	0.6
15	MZ31-3H03H152N265	1500	7	5	15	0.1	265		4.5	5.0	0.5
16	MZ31-3H07H112M550	1100	15	10	30	0.5	550		8.0	7.0	0.6
17	MZ31-3H03H102N265	1000	10	7	20	0.1	265		4.5	5.0	0.5
18	MZ31-3H05H601N420	600	20	16	40	0.2	420		6.5	5.0	0.6
19	MZ31-3H07H251N265	250	25	20	50	0.5	265		8.0	5.0	0.6
20	MZ31-3H03H151N265	150	20	15	50	0.2	265		4.5	5.0	0.5
21	MZ31-3H04H45RN265	45	40	30	80	0.3	265		5.5	5.0	0.6
22	MZ31-3H08H12RN265	12	120	70	220	0.8	265		9.0	5.0	0.6

Note：1. R 25 resistance tolerance can be selected per customer’s requirement.

2. Encapsulation mode can be made per customer’s requirement.

3. Wire shape kinked form can be selected.

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