UL Product iQ®

VZCA8.E527857 - Surge-protective Devices Certified for Canada - Component

Surge-protective Devices Certified for Canada - Component

Flow Semiconductor Co., Ltd E527857

Room 501, Building 6, Kodatsu Manufacturing, 310 Pine Road, Liaobu, Dongguan, Guangdong, China

Dongguan, GUANGDONG 523406 China

Cat. No.	SPD Type	Volts (V)	AC/DC/ DC PV	PH	AMPS (A)	AMB Min (°C)	AMB Max (°C)	MODE	VPR (Vpk)	MLV (Vpk)	MCOV (V)	Vn (Vdc)	in (kA)	SCCR (kA)	Notes
Investigated to CSA C22.2 No. 269															
2R075@L-&X	5	24	AC	1	N/A	-40	105	Ld-Ld	-	1290	24	N/A	10	N/A	1, 3
2R075@M-&X	5	24	AC	1	N/A	-40	105	Ld-Ld	-	1290	24	N/A	10	N/A	1, 3
2R090@L-&X	5	24	AC	1	N/A	-40	105	Ld-Ld	-	1290	24	N/A	10	N/A	1, 3
2R090@M-&X	5	24	AC	1	N/A	-40	105	Ld-Ld	-	1290	24	N/A	10	N/A	1, 3
2R1000@L-&X	5	275	AC	1	N/A	-40	105	Ld-Ld	-	1960	275	N/A	10	N/A	1, 3
2R1000@M-&X	5	275	AC	1	N/A	-40	105	Ld-Ld	-	1960	275	N/A	10	N/A	1, 3
2R1200@L-&X	5	275	AC	1	N/A	-40	105	Ld-Ld	-	2190	275	N/A	10	N/A	1, 3
2R1200@M-&X	5	275	AC	1	N/A	-40	105	Ld-Ld	-	2190	275	N/A	10	N/A	1, 3
2R1400@L-&X	5	500	AC	1	N/A	-40	105	Ld-Ld	-	2920	500	N/A	10	N/A	1,3
2R1400@M-&X	5	500	AC	1	N/A	-40	105	Ld-Ld	-	2920	500	N/A	10	N/A	1,3
2R1500@L-&X	5	500	AC	1	N/A	-40	105	Ld-Ld	-	3080	500	N/A	10	N/A	1, 3
2R1500@M-&X	5	500	AC	1	N/A	-40	105	Ld-Ld	-	3080	500	N/A	10	N/A	1, 3
2R150@L-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1580	220	N/A	10	N/A	1, 3

2R150@M-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1580	220	N/A	10	N/A	1, 3
2R1600@L-&X	5	500	AC	1	N/A	-40	105	Ld-Ld	-	3100	500	N/A	10	N/A	1, 3
2R1600@M-&X	5	500	AC	1	N/A	-40	105	Ld-Ld	-	3100	500	N/A	10	N/A	1, 3
2R2000@L-&X	5	500	AC	1	N/A	-40	105	Ld-Ld	-	2950	500	N/A	5	N/A	1, 3
2R2000@M-&X	5	500	AC	1	N/A	-40	105	Ld-Ld	-	2950	500	N/A	5	N/A	1, 3
2R200@L-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1610	220	N/A	10	N/A	1, 3
2R200@M-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1610	220	N/A	10	N/A	1, 3
2R230@L-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1610	220	N/A	10	N/A	1, 3
2R230@M-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1610	220	N/A	10	N/A	1, 3
2R2500@L-&X	5	500	AC	1	N/A	-40	105	Ld-Ld	-	3260	500	N/A	5	N/A	1, 3
2R2500@M-&X	5	500	AC	1	N/A	-40	105	Ld-Ld	-	3260	500	N/A	5	N/A	1, 3
2R250@L-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1610	220	N/A	10	N/A	1, 3
2R250@M-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1610	220	N/A	10	N/A	1, 3
2R2700@L-&X	5	500	AC	1	N/A	-40	105	Ld-Ld	-	3690	500	N/A	5	N/A	1, 3
2R2700@M-&X	5	500	AC	1	N/A	-40	105	Ld-Ld	-	3690	500	N/A	5	N/A	1, 3
2R3000@L-&X	5	500	AC	1	N/A	-40	105	Ld-Ld	-	3950	500	N/A	5	N/A	1, 3
2R3000@M-&X	5	500	AC	1	N/A	-40	105	Ld-Ld	-	3950	500	N/A	5	N/A	1, 3
2R300@L-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1620	220	N/A	10	N/A	1, 3
2R300@M-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1620	220	N/A	10	N/A	1, 3
2R350@L-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1650	220	N/A	10	N/A	1, 3
2R350@M-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1650	220	N/A	10	N/A	1, 3

2R3600@L-&X	5	500	AC	1	N/A	-40	105	Ld-Ld	-	5050	500	N/A	3	N/A	1, 3
2R3600@M-&X	5	500	AC	1	N/A	-40	105	Ld-Ld	-	5050	500	N/A	3	N/A	1, 3
2R400@L-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1620	220	N/A	10	N/A	1, 3
2R400@M-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1620	220	N/A	10	N/A	1, 3
2R470@L-&X	5	230	AC	1	N/A	-40	105	Ld-Ld	-	1610	230	N/A	10	N/A	1, 3
2R470@M-&X	5	230	AC	1	N/A	-40	105	Ld-Ld	-	1610	230	N/A	10	N/A	1, 3
2R600@L-&X	5	275	AC	1	N/A	-40	105	Ld-Ld	-	1790	275	N/A	10	N/A	1, 3
2R600@M-&X	5	275	AC	1	N/A	-40	105	Ld-Ld	-	1790	275	N/A	10	N/A	1, 3
2R800@L-&X	5	275	AC	1	N/A	-40	105	Ld-Ld	-	2240	275	N/A	10	N/A	1, 3
2R800@M-&X	5	275	AC	1	N/A	-40	105	Ld-Ld	-	2240	275	N/A	10	N/A	1, 3
3R075@L-&X	5	24	AC	1	N/A	-40	105	Ld-Ld	-	1230	24	N/A	10	N/A	1, 3
3R075@M-&X	5	24	AC	1	N/A	-40	105	Ld-Ld	-	1230	24	N/A	10	N/A	1, 3
3R090@L-&X	5	24	AC	1	N/A	-40	105	Ld-Ld	-	1230	24	N/A	10	N/A	1, 3
3R090@M-&X	5	24	AC	1	N/A	-40	105	Ld-Ld	-	1230	24	N/A	10	N/A	1, 3
3R150@L-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1550	220	N/A	10	N/A	1, 3
3R150@M-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1550	220	N/A	10	N/A	1, 3
3R230@L-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1550	220	N/A	10	N/A	1, 3
3R230@M-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1550	220	N/A	10	N/A	1, 3
3R250@L-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1550	220	N/A	10	N/A	1, 3
3R250@M-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1550	220	N/A	10	N/A	1, 3
3R350@L-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1550	220	N/A	10	N/A	1, 3

3R350@M-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1550	220	N/A	10	N/A	1, 3
3R400@L-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1530	220	N/A	10	N/A	1, 3
3R400@M-&X	5	220	AC	1	N/A	-40	105	Ld-Ld	-	1530	220	N/A	10	N/A	1, 3
3R470@L-&X	5	230	AC	1	N/A	-40	105	Ld-Ld	-	1560	230	N/A	10	N/A	1, 3
3R470@M-&X	5	230	AC	1	N/A	-40	105	Ld-Ld	-	1560	230	N/A	10	N/A	1, 3
3R600@L-&X	5	275	AC	1	N/A	-40	105	Ld-Ld	-	1720	275	N/A	10	N/A	1, 3
3R600@M-&X	5	275	AC	1	N/A	-40	105	Ld-Ld	-	1720	275	N/A	10	N/A	1, 3

Notes:

1. Suitable for Factory wiring only.

2. Suitable for Field and Factory wiring.

3. Series External Impedance required, see Electrical Ratings in the Recognition report.

4. Series External Overcurrent Protection required, see Electrical Ratings in the Recognition report.

5. Body of discrete component metal-oxide varistors (MOVs) flammability:

a) Min. V-0 or VTM-0.

b) Min. V-1 or VTM-1.

c) Complies with IEC 60950-1, Edition 2.2, Annex Q/IEC62368-1 Annex G.8.2 needle flame testing requirements.

d) Complies with IEC 60065, Edition 7.2, Annex G.1.1 needle flame testing requirements.

6. Complies with Stress Test Qualification per AEC-Q200 Rev D.

7. Suitable for Damp Location use:

a) 85C/85% relative humidity

b) 40C/93% relative humidity

& - 1 digit with any number or letters 0~9, A~Z.

@ - 1 digit with any number or letters 0~9, A~Z, or blank.

X - 1 digit with any number or letters 0~9, A~Z, or blank.

Marking: Company name or trademark , , , , , model designation and the Recognized Component Mark for Canada, .