

Typical Characteristics (T_{amb} = 25 °C unless otherwise specified)

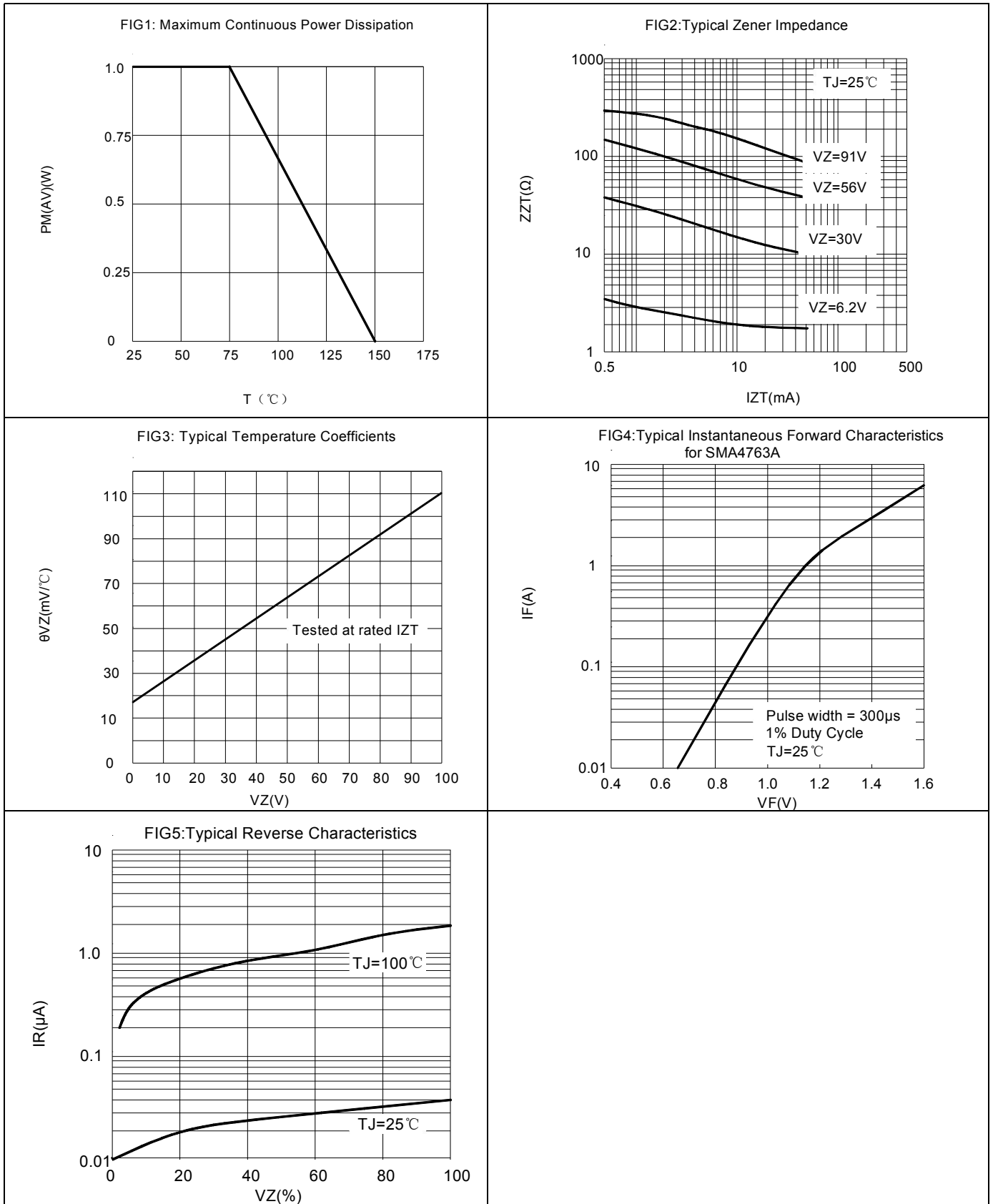
Part Number	Nominal Zener voltage	Test current	Maximum dynamic impedance resistance			Maximum reverse leakage current		Max Surge current
	V _Z ⁽¹⁾ at I _{ZT}	I _{ZT}	Z _{ZT} at I _{ZT}	Z _{ZK} at I _{ZK}	I _{ZK}	IR	Test voltage V _R	I _{RM} ⁽²⁾
	V	mA	Ω	Ω	mA	μA	V	mA
1SML4728A	3.3	76	10	400	1	100	1	1380
1SML4729A	3.6	69	10	400	1	100	1	1260
1SML4730A	3.9	64	9	400	1	50	1	1190
1SML4731A	4.3	58	9	400	1	10	1	1070
1SML4732A	4.7	53	8	500	1	10	1	970
1SML4733A	5.1	49	7	550	1	10	1	890
1SML4734A	5.6	45	5	600	1	10	2	810
1SML4735A	6.2	41	2	700	1	10	3	730
1SML4736A	6.8	37	3.5	700	1	10	4	660
1SML4737A	7.5	34	4	700	0.5	10	5	605
1SML4738A	8.2	31	4.5	700	0.5	10	6	550
1SML4739A	9.1	28	5	700	0.5	10	7	500
1SML4740A	10	25	7	700	0.25	10	7.6	454
1SML4741A	11	23	8	700	0.25	5	8.4	414
1SML4742A	12	21	9	700	0.25	5	9.1	380
1SML4743A	13	19	10	700	0.25	5	9.9	344
1SML4744A	15	17	14	700	0.25	5	11.4	304
1SML4745A	16	15.5	16	700	0.25	5	12.2	285
1SML4746A	18	14	20	750	0.25	5	13.7	250
1SML4747A	20	12.5	22	750	0.25	5	15.2	225
1SML4748A	22	11.5	23	750	0.25	5	16.7	205
1SML4749A	24	10.5	25	750	0.25	5	18.2	190
1SML4750A	27	9.5	35	750	0.25	5	20.6	170
1SML4751A	30	8.5	40	1000	0.25	5	22.8	150
1SML4752A	33	7.5	45	1000	0.25	5	25.1	135
1SML4753A	36	7	50	1000	0.25	5	27.4	125
1SML4754A	39	6.5	60	1000	0.25	5	29.7	115
1SML4755A	43	6	70	1500	0.25	5	32.7	110
1SML4756A	47	5.5	80	1500	0.25	5	35.8	95
1SML4757A	51	5	95	1500	0.25	5	38.8	90
1SML4758A	56	4.5	110	2000	0.25	5	42.6	80
1SML4759A	62	4	125	2000	0.25	5	47.1	70
1SML4760A	68	3.7	150	2000	0.25	5	51.7	65
1SML4761A	75	3.3	175	2000	0.25	5	56	60
1SML4762A	82	3.0	200	3000	0.25	5	62.2	55
1SML4763A	91	2.8	250	3000	0.25	5	69.2	50
1SML4764A	100	2.5	350	3000	0.25	5	76.0	45

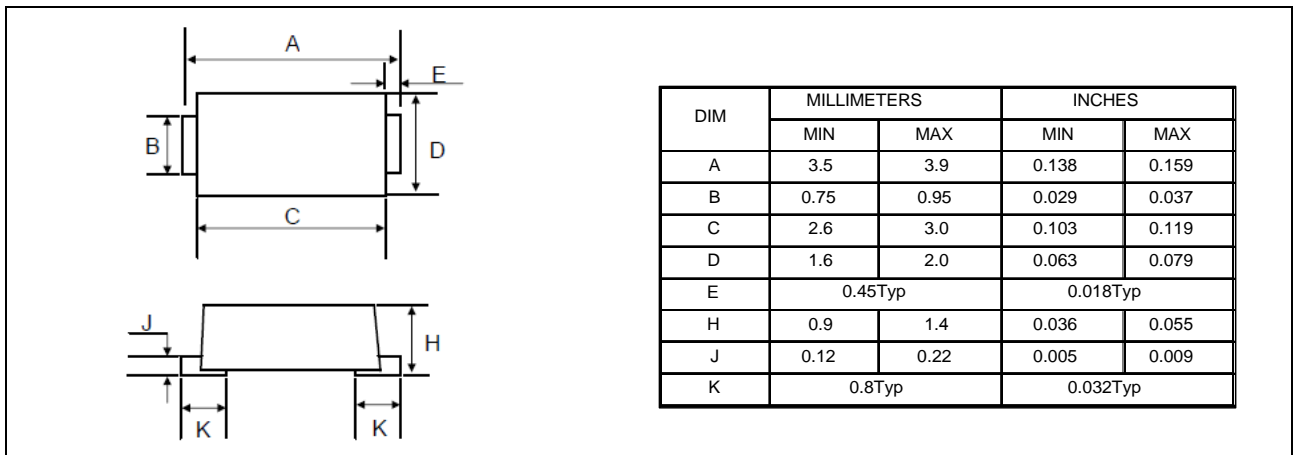
Notes :

(1) The type number listed have a standard tolerance on the nominal zener voltage of ± 5 %

(2) The reverse surge current is a non-repetitive, 8.3ms pulse width square wave or equivalent sine-wave superimposed on I_{ZT} per method.

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Package Dimensions

Ordering information

Order code	Package	Packaging option	Base quantity	Packaging specification
1SML47xxA	SOD-123FL	Tape and reel	3000pcs / reel	EIA STD RS-481

Revision history

Date	Revision	Changes
23-May-2020	1.0	Initial release

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