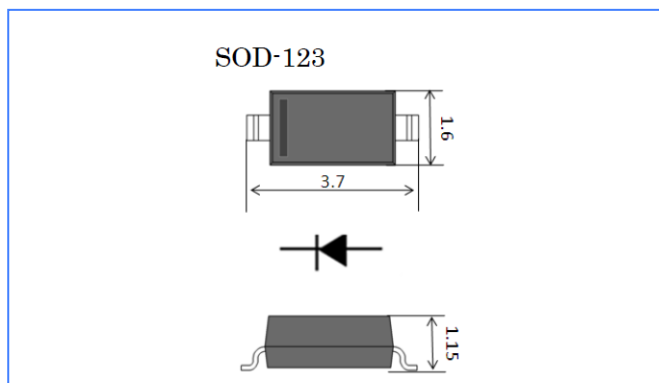


Y1ZP35D2V4G THRU Y1ZP35D75G

FEATURES

- Constant Voltage control
- Wide Voltage Range Selection 2.4V to 75V
- RoHS compliant / Green EMC
- Matte Tin (Sn) Lead finish
- Cathode Band



Absolute Maximum Ratings And Characteristics (Ta = 25 ° C)

Parameter	Symbol	Value	Unit
Power Dissipation	P _d	350	mW
Zener current	I _{ZM}	P _D /V _Z	mA
Junction Temperature	T _J	150	°C
Storage Temperature Range	T _{stg}	-55~+125	°C

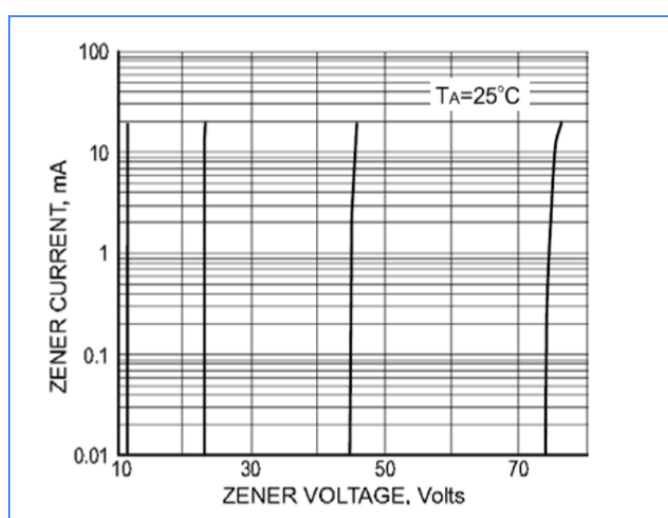
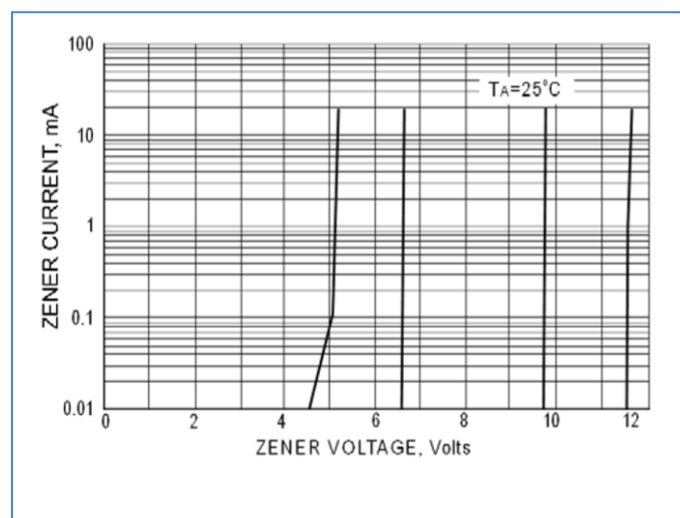
Electrical Characteristics (TA = 25 °C)

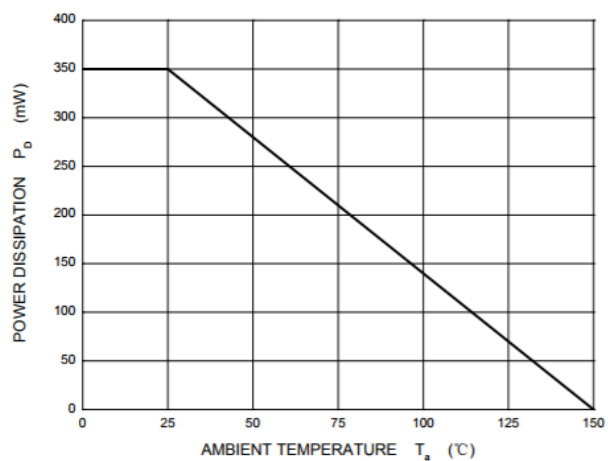
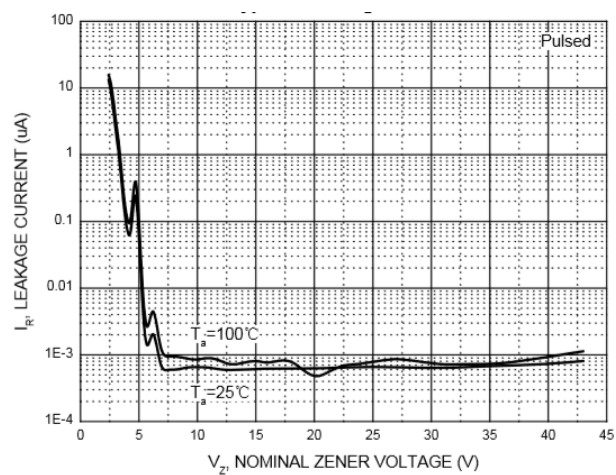
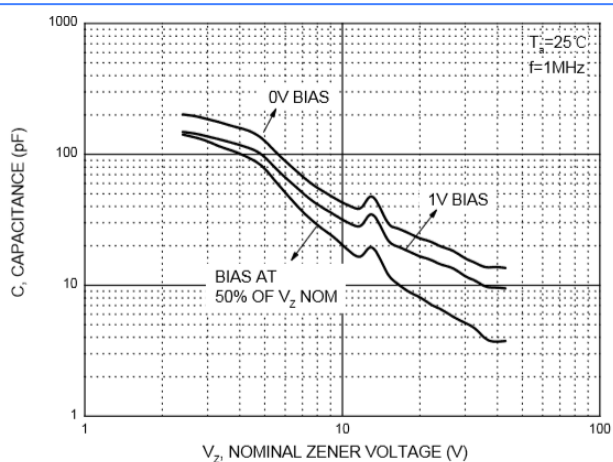
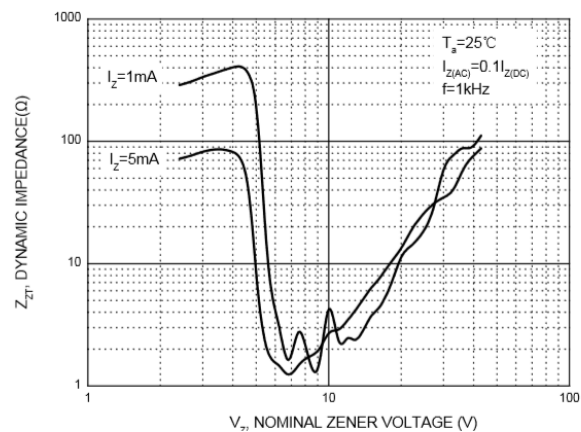
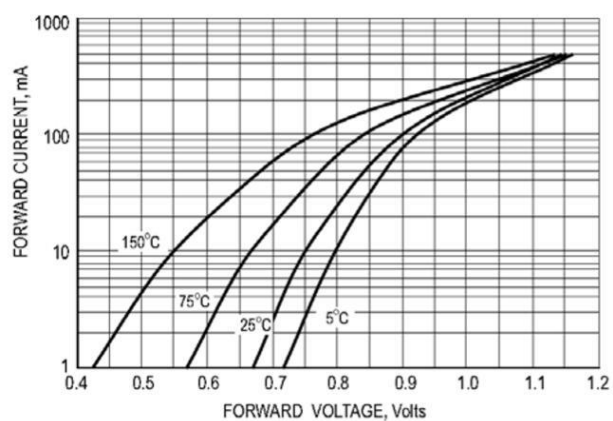
Part Number	V _Z ¹			I _{ZT}	Z _{TT} @I _{ZT}	Z _{ZK} @I _{ZK}	I _{zk}	I _R	V _R
	Nom (V)	Min (V)	Max (V)	mA	Ω		(mA)	(uA)	(V)
Y1ZP35D2V4G	2.4	2.35	2.45	5	100	600	1.0	50	1.0
Y1ZP35D2V7G	2.7	2.65	2.75	5	100	600	1	20	1
Y1ZP35D3V0G	3	2.94	3.06	5	95	600	1	10	1
Y1ZP35D3V3G	3.3	3.23	3.37	5	95	600	1	5	1
Y1ZP35D3V6G	3.6	3.53	3.67	5	90	600	1	5	1
Y1ZP35D3V9G	3.9	3.82	3.98	5	90	600	1	3	1
Y1ZP35D4V3G	4.3	4.21	4.39	5	90	600	1	3	1
Y1ZP35D4V7G	4.7	4.61	4.79	5	80	500	1	3	2
Y1ZP35D5V1G	5.1	5	5.2	5	60	480	1	2	2
Y1ZP35D5V6G	5.6	5.49	5.71	5	40	400	1	1	2
Y1ZP35D6V2G	6.2	6.08	6.32	5	10	150	1	3	4
Y1ZP35D6V8G	6.8	6.66	6.94	5	15	80	1	2	4
Y1ZP35D7V5G	7.5	7.35	7.65	5	15	80	1	1	5
Y1ZP35D8V2G	8.2	8.04	8.36	5	15	80	1	0.7	5
Y1ZP35D9V1G	9.1	8.92	9.28	5	15	100	1	0.5	6
Y1ZP35D10G	10	9.8	10.2	5	20	150	1	0.2	7
Y1ZP35D11G	11	10.78	11.22	5	20	150	1	0.1	8
Y1ZP35D12G	12	11.76	12.24	5	25	150	1	0.1	8
Y1ZP35D13G	13	12.74	13.26	5	30	170	1	0.1	8

Y1ZP35D14G	14	13.72	14.28	5	25	110	1	0.1	10.5
Y1ZP35D15G	15	14.7	15.3	5	30	200	1	0.1	10.5
Y1ZP35D16G	16	15.68	16.32	5	40	200	1	0.1	11.2
Y1ZP35D18G	18	17.64	18.36	5	45	225	1	0.1	12.6
Y1ZP35D20G	20	19.6	20.4	5	55	225	1	0.1	14
Y1ZP35D22G	22	21.56	22.44	5	55	250	1	0.1	15.4
Y1ZP35D24G	24	23.52	24.48	5	70	10	1	0.1	16.8
Y1ZP35D27G	27	26.46	27.54	2	80	300	0.5	0.1	18.9
Y1ZP35D30G	30	29.4	30.6	2	80	300	0.5	0.1	21
Y1ZP35D33G	33	32.34	33.66	2	80	325	0.5	0.1	23.1
Y1ZP35D36G	36	35.28	36.72	2	90	350	0.5	0.1	25.2
Y1ZP35D39G	39	38.22	39.78	2	130	350	0.5	0.1	27.3
Y1ZP35D43G	43	42.14	43.86	2	130	350	0.5	0.1	29.4
Y1ZP35D47G	47	45.83	48.17	2	170	1000	0.25	0.1	36
Y1ZP35D51G	51	49.73	52.27	2	180	1300	0.25	0.1	39
Y1ZP35D56G	56	54.6	57.4	2	200	1400	0.25	0.1	43
Y1ZP35D62G	62	60.45	63.55	2	225	1400	0.25	0.1	47
Y1ZP35D68G	68	66.3	69.7	2	240	1600	0.25	0.1	52
Y1ZP35D75G	75	73.13	76.87	2	265	1700	0.25	0.1	56

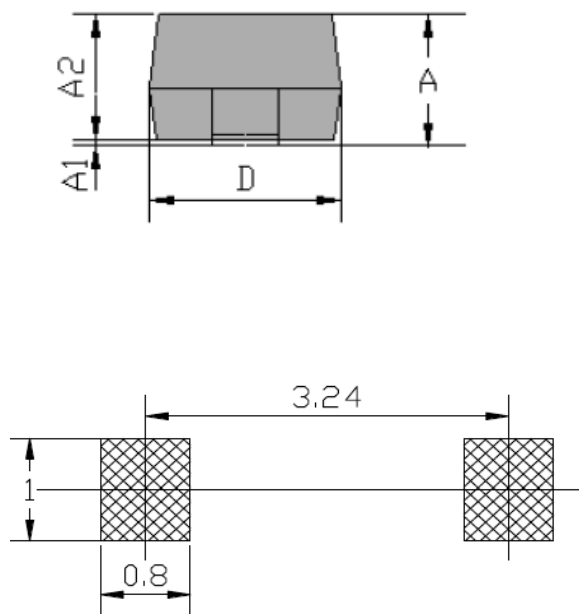
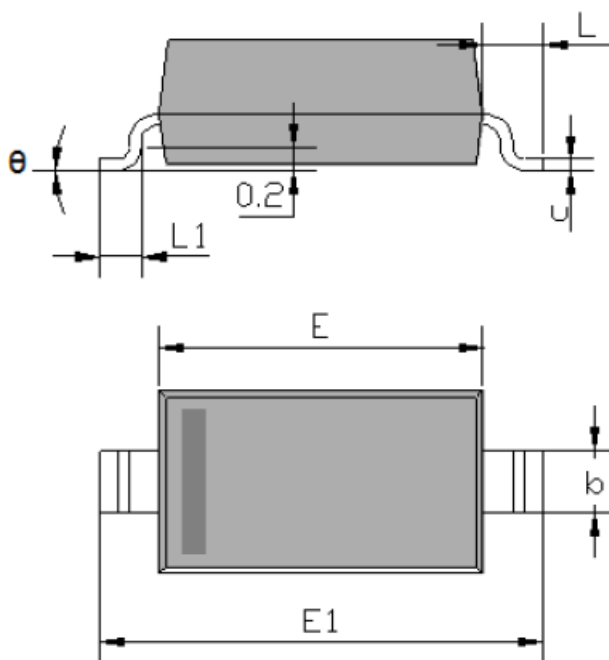
* Pulse width = 10 ms

Typical Characteristics





Package Outline



Land Pattern Recommendation

Symbol		A	A1	A2	b	c	D	E	E1	L	L1	θ
Dimensions in mm	Min	1.05	0.000	1.05	0.450	0.080	1.500	2.600	3.55	0.5REF	0.250	0°
	Max	1.25	0.100	1.15	0.650	0.150	1.700	2.800	3.85		0.450	8°

Note:

1. Halogen free. EMC
2. Pb free solder
3. Lead thickness includes solder plating
4. Lead frame: A42
5. Other tolerance: ± 0.05
6. Dimensions are exclusive of Burrs, Mold Flash and Tie bar extrusions