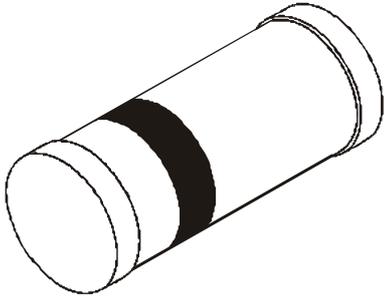


SILICON ZENER DIODES

CLL957A - CLL978A



SOD-80C

Operating and Storage Junction Temperature Range T_j, T_{stg} -65 to +200 °C

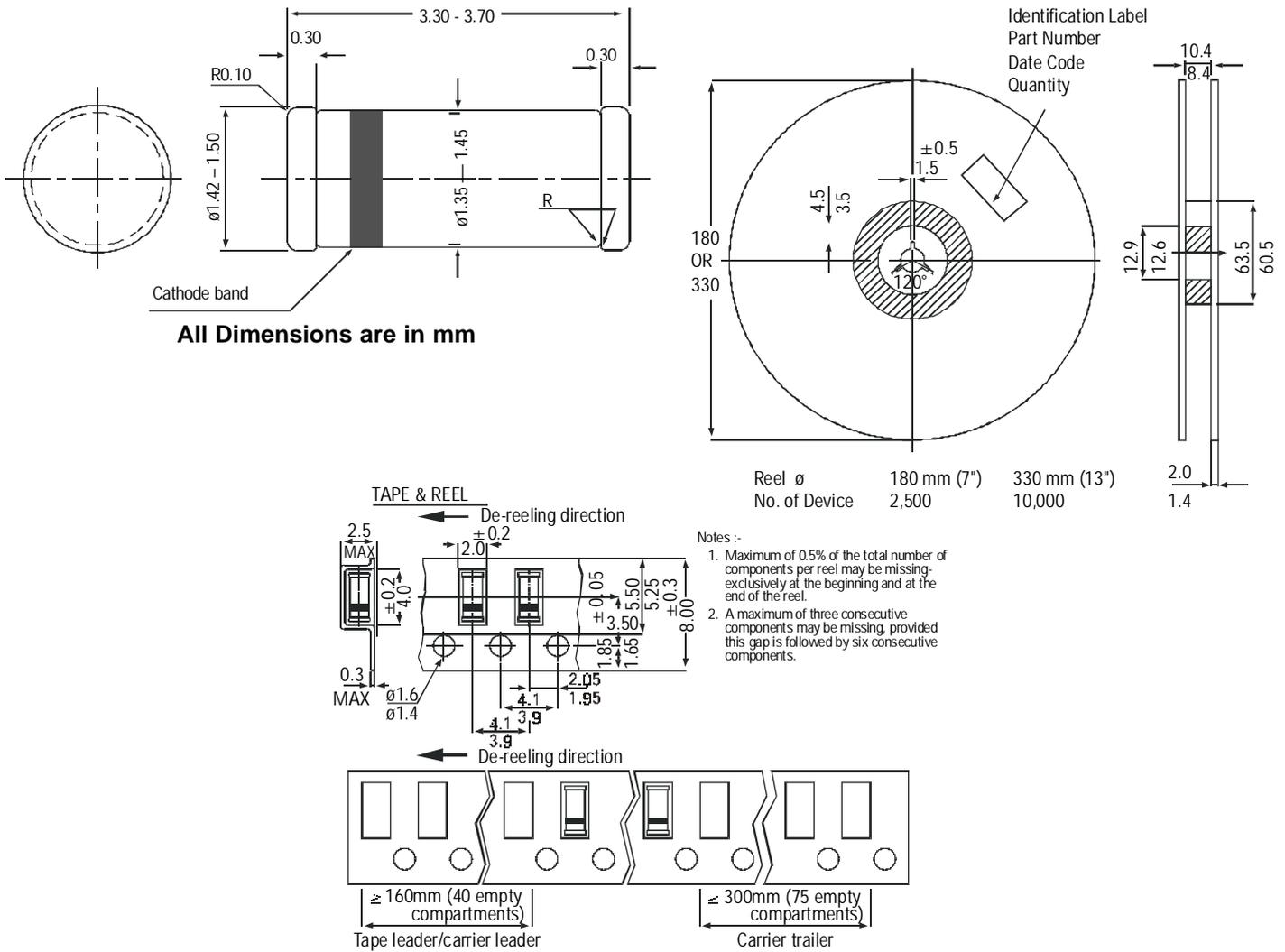
CLL957A to CLL978A, 500mW Hermetically Sealed, Glass Silicon Zener Diodes

Type No. (Note 1)	Nominal Zener Voltage V_Z (Note 1, 2) Volts	Test Current I_{ZT} (Note 2) mA	Max Zener Impedance (Note 4)			Maximum DC Zener Current I_{ZM} mA		Max Reverse Current		
			$Z_{ZT} @ I_{ZT}$ Ohms	$Z_{ZK} @ I_{ZK}$ Ohms	I_{ZK} mA			I_R Maximum μA	Test Voltage Vdc V_R	
						5%	10%			
CLL957A	6.8	18.5	4.5	700	1.0	47.0	61.0	150	5.2	4.9
CLL958A	7.5	16.5	5.5	700	0.5	42.0	55.0	75	5.7	5.4
CLL959A	8.2	15.0	6.5	700	0.5	38.0	50.0	50	6.2	5.9
CLL960A	9.1	14.0	7.5	700	0.5	35.0	45.0	25	6.9	6.6
CLL961A	10.0	12.5	8.5	700	0.25	32.0	41.0	10	7.6	7.2
CLL962A	11.0	11.5	9.5	700	0.25	28.0	37.0	5	8.4	8.0
CLL963A	12.0	10.5	11.5	700	0.25	26.0	34.0	5	9.1	8.6
CLL964A	13.0	9.5	13.0	700	0.25	24.0	32.0	5	9.9	9.4
CLL965A	15.0	8.5	16.0	700	0.25	21.0	27.0	5	11.4	10.8
CLL966A	16.0	7.8	17.0	700	0.25	19.0	37.0	5	12.2	11.5
CLL967A	18.0	7.0	21.0	750	0.25	17.0	23.0	5	13.7	13.0
CLL968A	20.0	6.2	25.0	750	0.25	15.0	20.0	5	15.2	14.4
CLL969A	22.0	5.6	29.0	750	0.25	14.0	18.0	5	16.7	15.8
CLL970A	24.0	5.2	33.0	750	0.25	13.0	17.0	5	18.2	17.3
CLL971A	27.0	4.6	41.0	750	0.25	11.0	15.0	5	20.6	19.4
CLL972A	30.0	4.2	49.0	1000	0.25	10.0	13.0	5	22.8	21.6
CLL973A	33.0	3.8	58.0	1000	0.25	9.2	12.0	5	25.1	23.8
CLL974A	36.0	3.4	70.0	1000	0.25	8.5	11.0	5	27.4	25.9
CLL975A	39.0	3.2	80.0	1000	0.25	7.8	10.0	5	29.7	28.1
CLL976A	43.0	3.0	93.0	1500	0.25	7.0	9.6	5	32.7	31.0
CLL977A	47.0	2.7	105.0	1500	0.25	6.4	8.8	5	35.8	33.8
CLL978A	51.0	2.5	125.0	1500	0.25	5.9	8.1	5	38.8	36.7

Polarity : Cathode indicated by colour band.

Note 1 : CLL957 Series : Suffix A $\pm 10\%$ tolerance; Suffix B $\pm 5\%$ tolerance. **Note 2** : Pulse test : 20ms $\leq t_p \leq 50$ ms.

SOD 80C (LL-34) Mini MELF Hermetically Sealed Glass Package



Packing Detail

PACKAGE	STANDARD PACK		INNER CARTON BOX		OUTER CARTON BOX		
	Details	Net Weight/Qty	Size	Qty	Size	Qty	Gr Wt
SOD-80C T&R	2.5K/reel	100 gm/3K pcs	3" x 7.5" x 7.5"	10.0K	17" x 15" x 13.5"	160.0K	10 kgs
	10K/reel	400 gm/10K pcs	13" x 13" x 0.5"	10.0K	17" x 15" x 13.5"	300.0K	15 kgs

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