

TYPICAL RATING AND CHARACTERISTIC CURVES (CDBV120-HF thru.CDBV140-HF)

Fig.1- Power Derating Curve

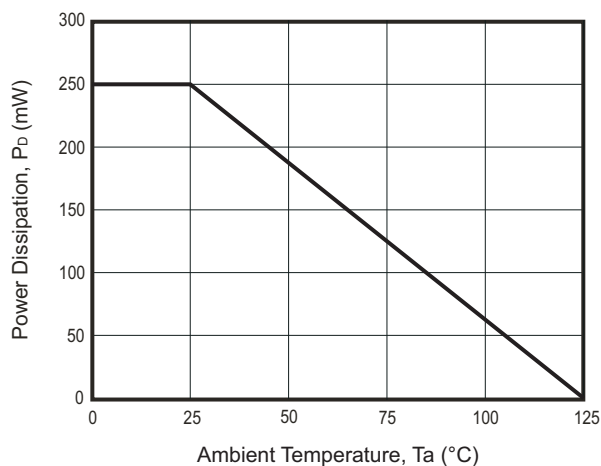
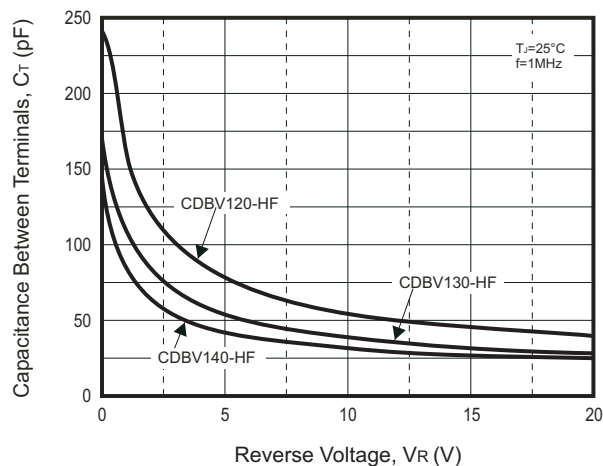


Fig.2- Capacitance Characteristics



TYPICAL RATING AND CHARACTERISTIC CURVES (CDBV120-HF)

Fig.3 - Forward Characteristics

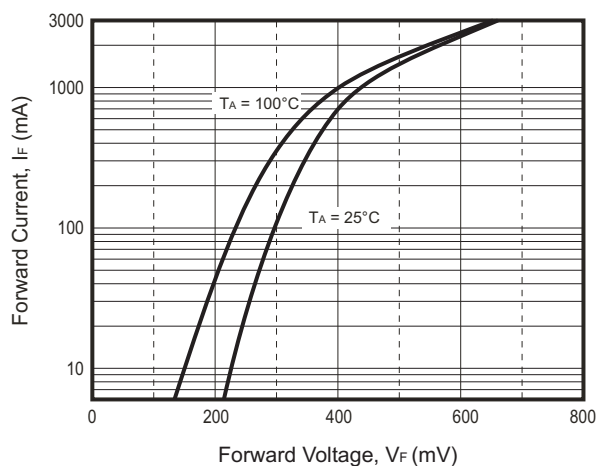
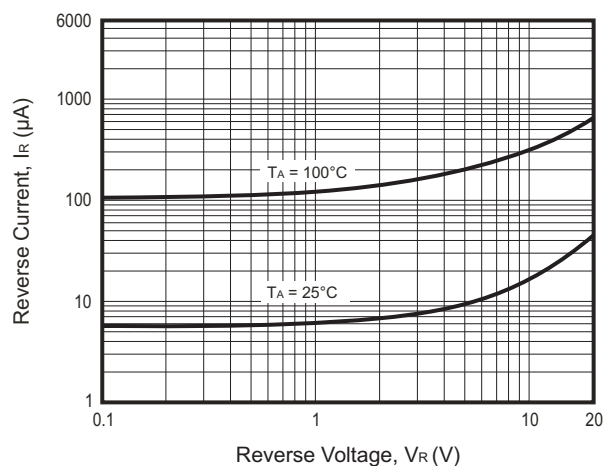


Fig.4 - Reverse Characteristics



TYPICAL RATING AND CHARACTERISTIC CURVES (CDBV130-HF)

Fig.5 - Forward Characteristics

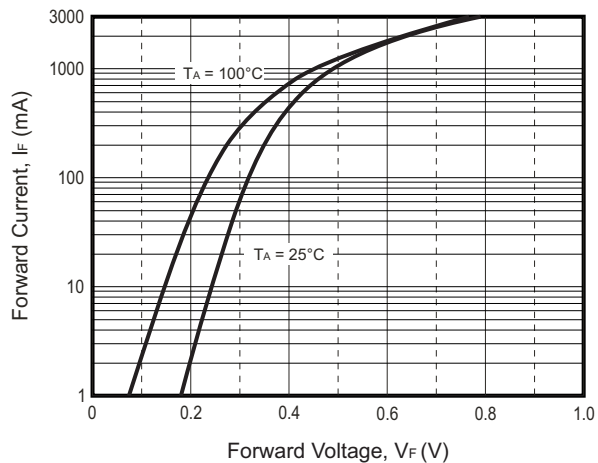
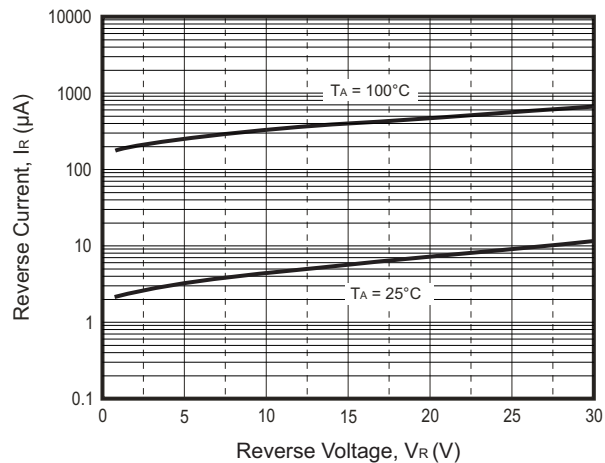


Fig.6 - Reverse Characteristics



TYPICAL RATING AND CHARACTERISTIC CURVES (CDBV140-HF)

Fig.7 - Forward Characteristics

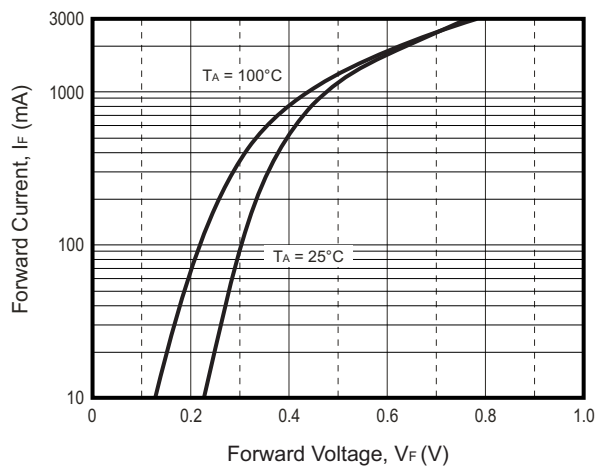
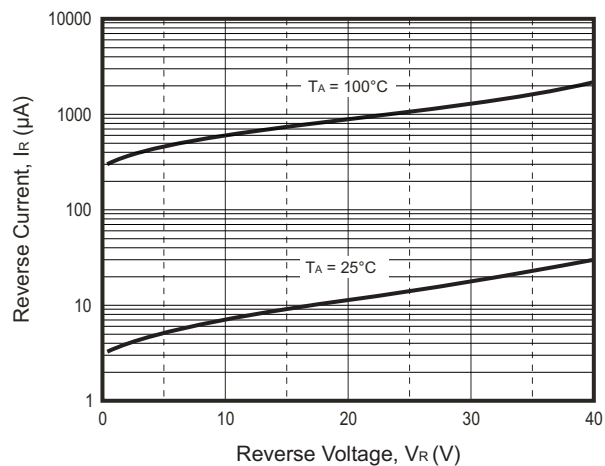
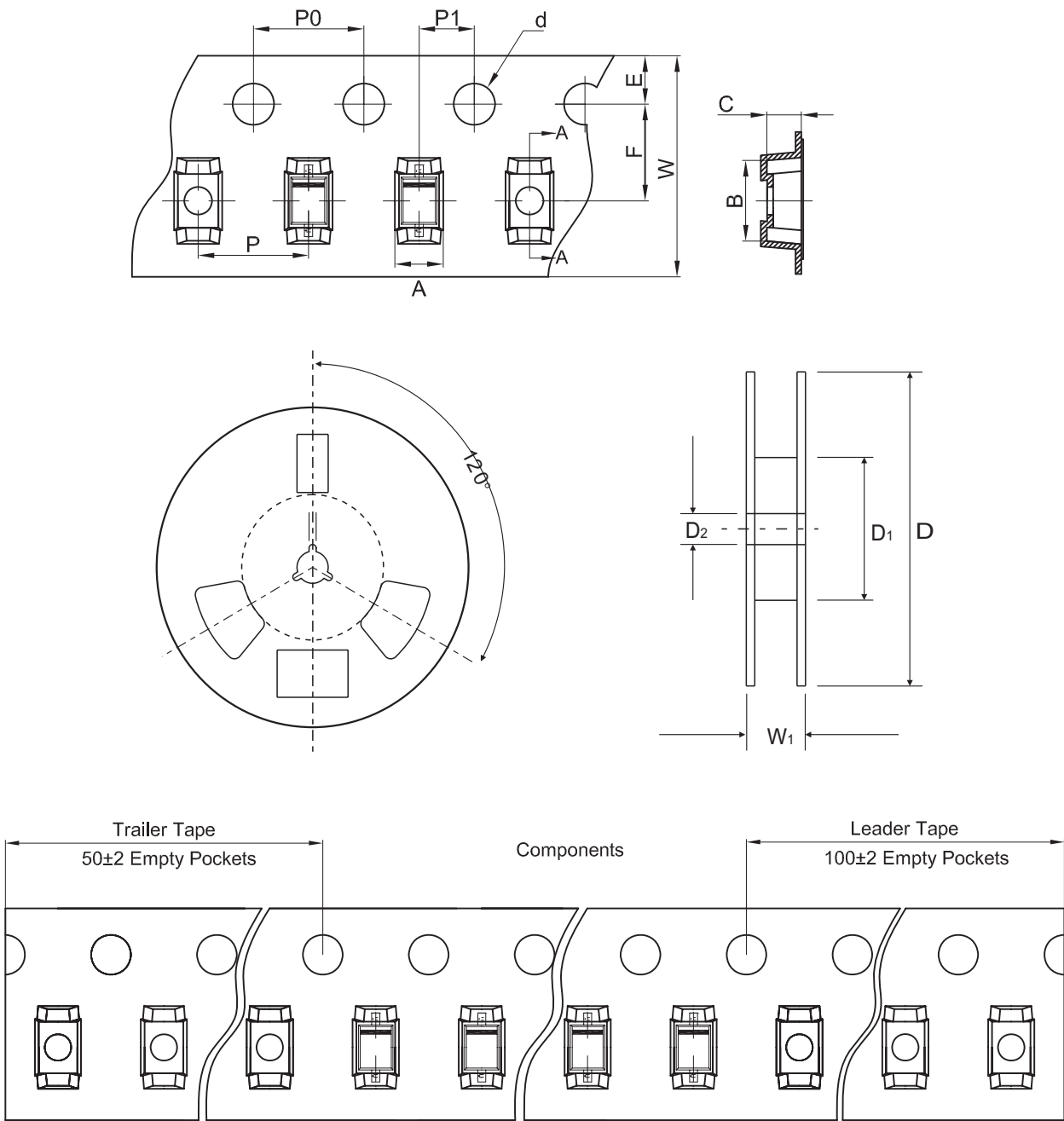


Fig.8 - Reverse Characteristics



Reel Taping Specification



SOD-323	SYMBOL	A	B	C	d	D	D1	D2
	(mm)	1.48 ± 0.05	3.30 ± 0.05	1.25 ± 0.05	1.50 ± 0.10	178 ± 2.00	54.40 ± 1.00	13.00 ± 1.00
	(inch)	0.058 ± 0.002	0.130 ± 0.002	0.049 ± 0.002	0.059 ± 0.004	7.008 ± 0.079	2.142 ± 0.039	0.512 ± 0.039

SOD-323	SYMBOL	E	F	P	P0	P1	W	W1
	(mm)	1.75 ± 0.10	3.50 ± 0.10	4.00 ± 0.10	4.00 ± 0.10	2.00 ± 0.10	$8.00 \pm 0.30 / - 0.10$	12.30 ± 1.00
	(inch)	0.069 ± 0.004	0.138 ± 0.004	0.158 ± 0.004	0.158 ± 0.004	0.079 ± 0.004	$0.315 \pm 0.012 / - 0.004$	0.484 ± 0.039

Company reserves the right to improve product design , functions and reliability without notice.

Marking Code

Part Number	Marking Code
CDBV120-HF	SJ
CDBV130-HF	SK
CDBV140-HF	SL



XX = Product type marking code

| = The marking bar indicates the cathode.

Solid dot “.” = Halogen Free

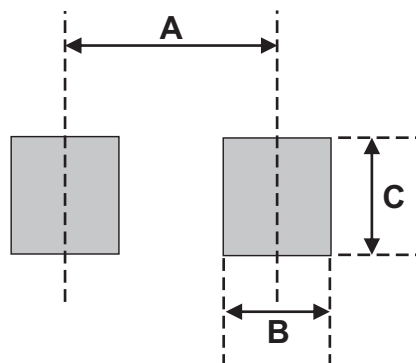
Suggested PAD Layout

SIZE	SOD-323	
	(mm)	(inch)
A	2.15	0.085
B	0.70	0.028
C	0.70	0.028

Note:

1.General tolerance: $\pm 0.05\text{mm}$.

2.The pad layout is for reference purposes only.



Standard Packaging

Case Type	REEL PACK	
	REEL (pcs)	Reel Size (inch)
SOD-323	3,000	7