

RATING AND CHARACTERISTIC CURVES (CDBD2020-HF Thru. CDBD20200-HF)

FIG.1-TYPICAL FORWARD CURRENT DERATING CURVE

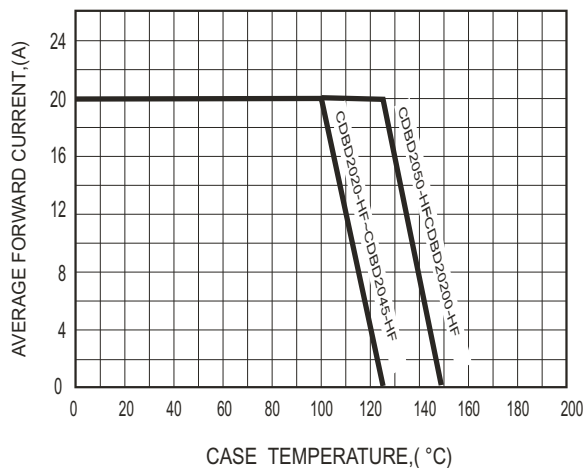


FIG.2-TYPICAL FORWARD CHARACTERISTICS

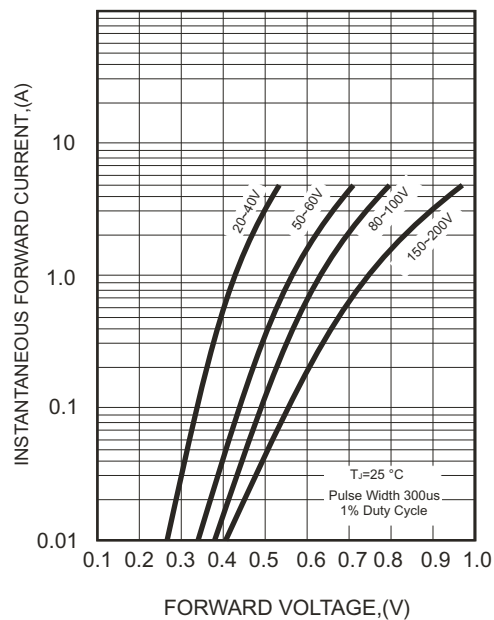


FIG.3-MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

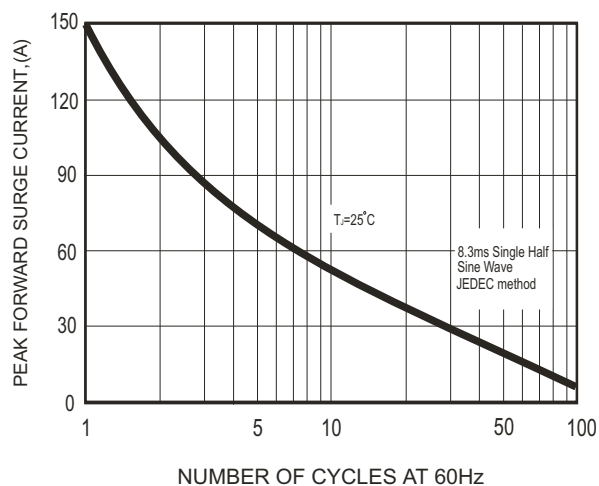
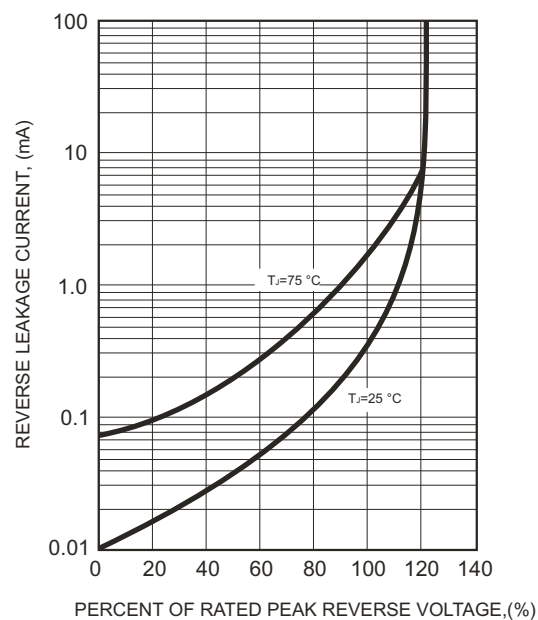
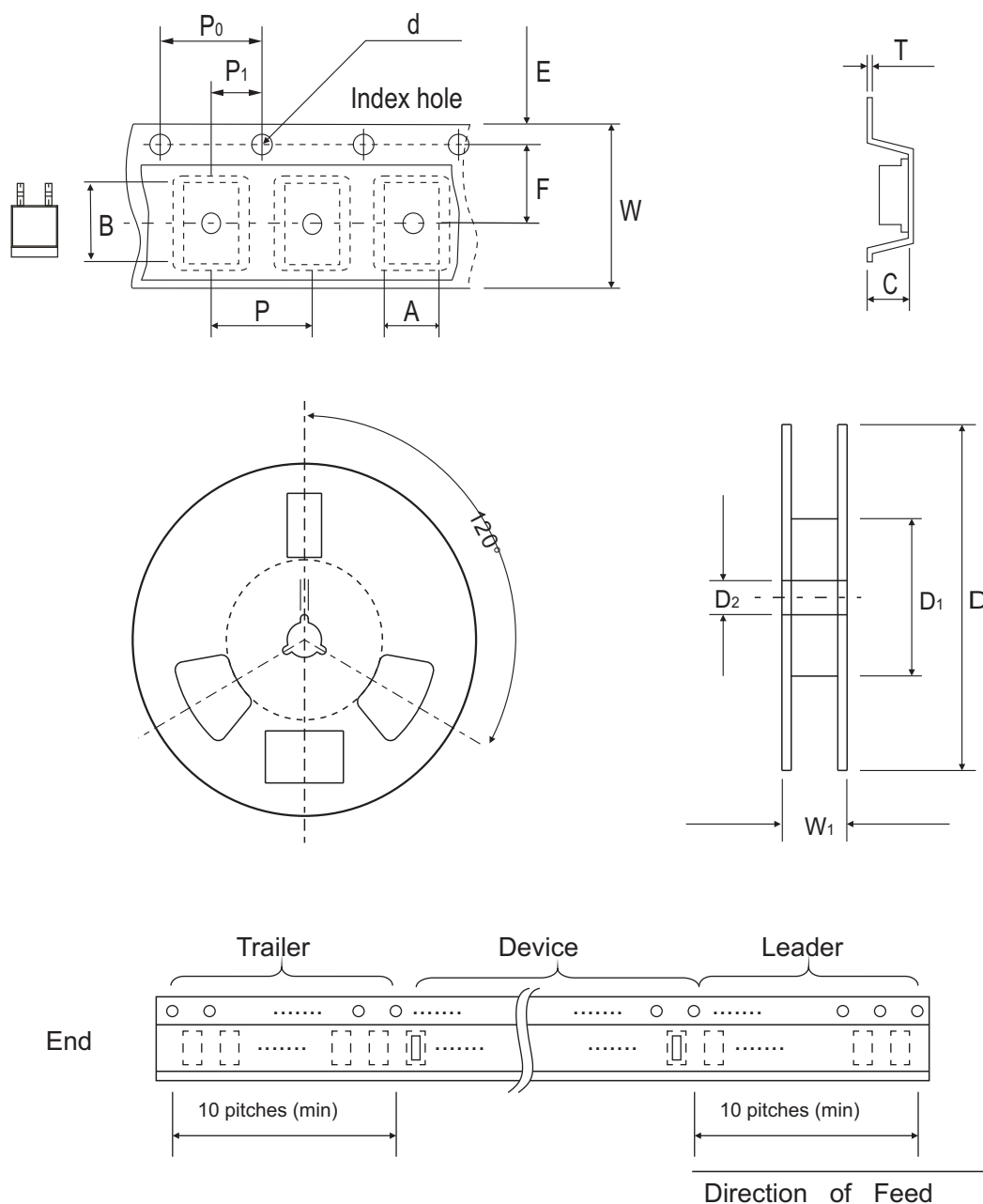


FIG.4 - TYPICAL REVERSE CHARACTERISTICS



Reel Taping Specification

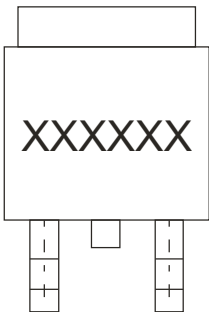


TO-263/D2PAK	SYMBOL	A	B	C	d	D	D1	D2
	(mm)	10.70 ± 0.10	16.30 ± 0.10	5.10 ± 0.10	1.50 ± 0.10	330.00 ± 2.00	50.0 MIN.	13.0 ± 0.50
	(inch)	0.421 ± 0.004	0.642 ± 0.004	0.201 ± 0.004	0.059 ± 0.004	13.00 ± 0.079	1.969 MIN.	0.512 ± 0.020

TO-263/D2PAK	SYMBOL	E	F	P	P_0	P_1	T	W	W_1
	(mm)	1.75 ± 0.10	11.50 ± 0.10	16.00 ± 0.10	4.00 ± 0.10	2.00 ± 0.10	0.23 ± 0.10	24.00 ± 0.30	30.00 ± 1.0
	(inch)	0.069 ± 0.004	0.453 ± 0.004	0.630 ± 0.004	0.157 ± 0.004	0.079 ± 0.004	0.009 ± 0.004	0.945 ± 0.012	1.181 ± 0.039

Marking Code

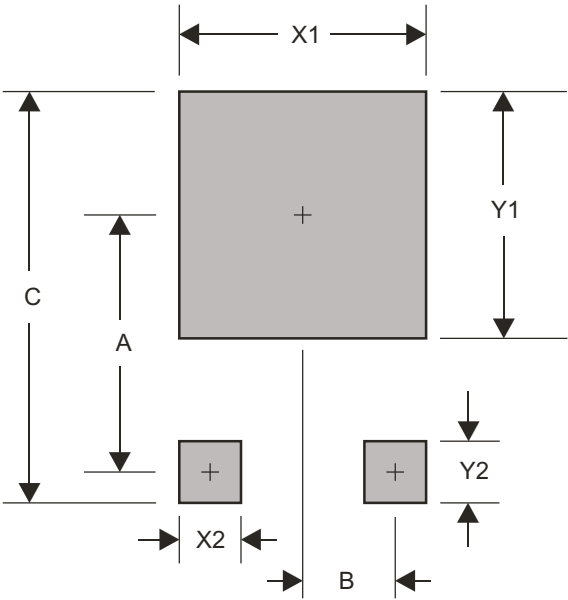
Part Number	Marking Code
CDBD2020-HF	SK2020
CDBD2030-HF	SK2030
CDBD2040-HF	SK2040
CDBD2045-HF	SK2045
CDBD2050-HF	SK2050
CDBD2060-HF	SK2060
CDBD2080-HF	SK2080
CDBD20100-HF	SK20100
CDBD20150-HF	SK20150
CDBD20200-HF	SK20200



XXXXXXX / XXXXXXXX = Product type marking code

Suggested PAD Layout

SIZE	TO-263 / D2PAK	
	(mm)	(inch)
A	9.50	0.374
B	2.50	0.098
C	16.90	0.665
X1	10.80	0.425
X2	1.10	0.043
Y1	11.40	0.449
Y2	3.50	0.138



Standard Packaging

Case Type	Qty per Reel	Reel Size
	(Pcs)	(inch)
TO-263 / D2PAK	800	13