

RATING AND CHARACTERISTIC CURVES (CDBC520-G thru CDBC5100-G)

Fig.1 Reverse Characteristics

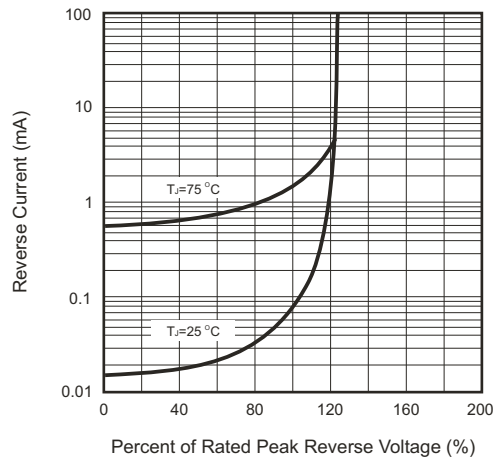


Fig.2 Forward Characteristics

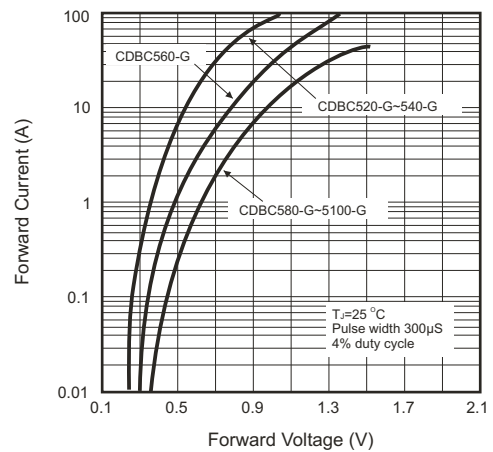


Fig.3 Junction Capacitance

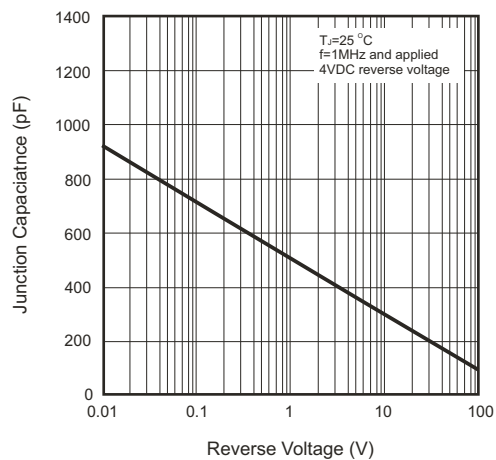


Fig.4 Current Derating Curve

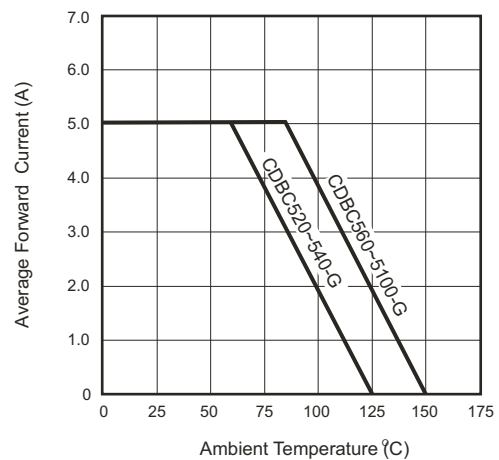
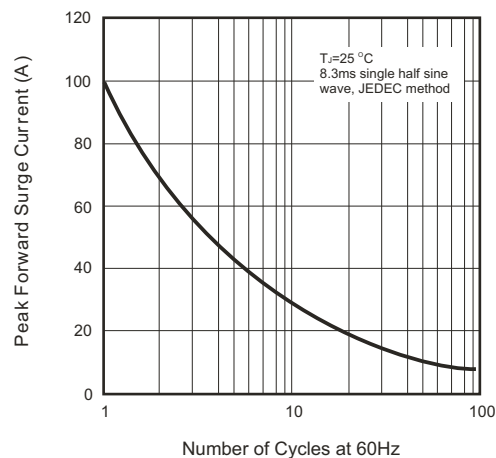
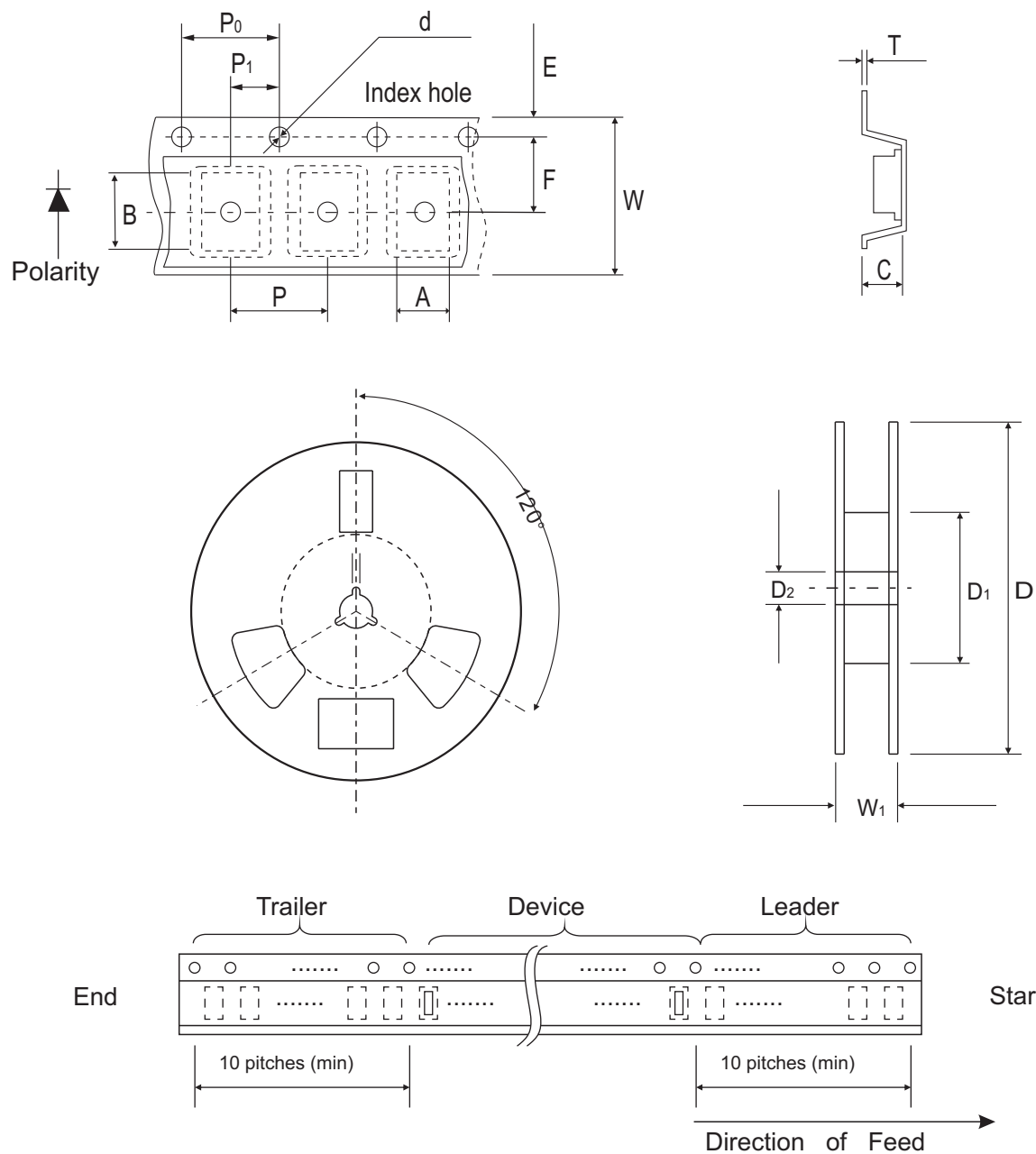


Fig.5 Non-repetitive Forward Surge Current



Reel Taping Specification

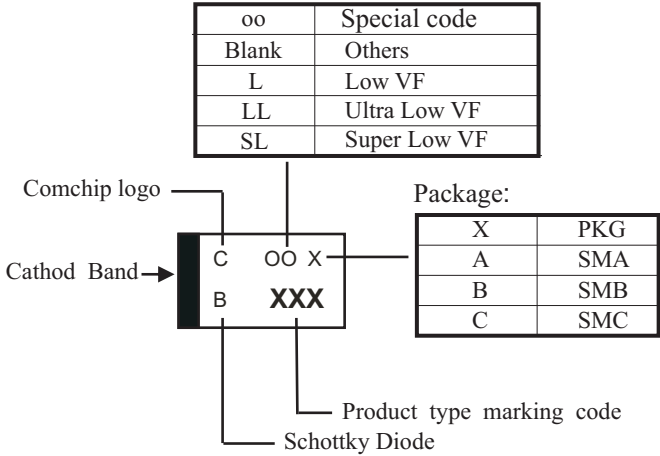


SMC (DO-214AB)	SYMBOL	A	B	C	d	D	D1	D2
	(mm)	6.30 (max)	8.60 (max)	2.90 (max)	1.50 ± 0.10	330	50.0 MIN.	13.5 ± 1.00
	(inch)	0.248 (max)	0.339 (max)	0.114 (max)	0.059 ± 0.004	12.99	1.969 MIN.	0.531 ± 0.039

SMC (DO-214AB)	SYMBOL	E	F	P	P_0	P_1	W	W_1
	(mm)	1.75 ± 0.10	7.50 ± 0.05	8.00 ± 0.10	4.00 ± 0.10	2.00 ± 0.05	16.0 ± 0.20	22.4 (max)
	(inch)	0.689 ± 0.004	0.295 ± 0.002	0.315 ± 0.004	0.157 ± 0.004	0.079 ± 0.002	0.630 ± 0.008	0.882 (max)

Marking Code

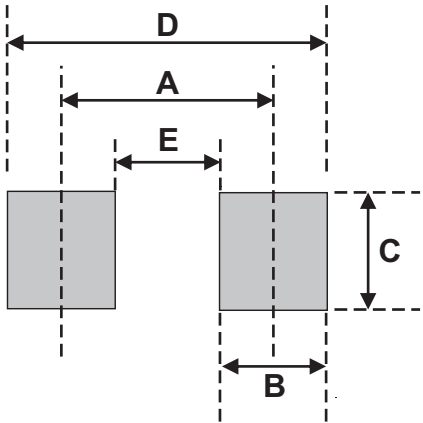
Part Number	Marking Code
CDBC520-G	520
CDBC540-G	540
CDBC560-G	560
CDBC580-G	580
CDBC5100-G	5100



xxx/xxxx = Product type marking code

Suggested PAD Layout

SIZE	DO-214AB(SMC)	
	(mm)	(inch)
A	6.20	0.244
B	1.60	0.063
C	4.80	0.189
D	7.80	0.307
E	4.60	0.181



Standard Packaging

Case Type	REEL PACK	
	REEL (pcs)	Reel Size (inch)
DO-214AB (SMC)	3,000	13