

RATING AND CHARACTERISTIC CURVES (CURC301-G thru CURC307-G)

Fig.1 Reverse Characteristics

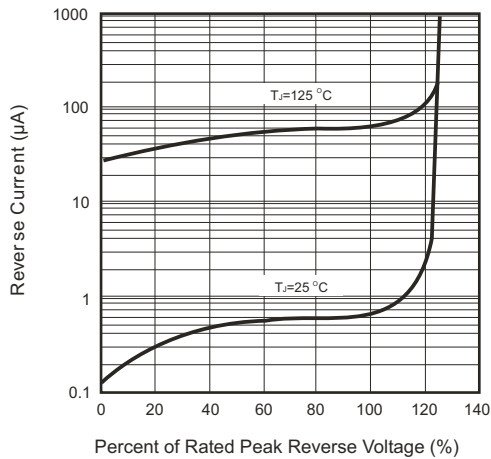


Fig.2 Forward Characteristics

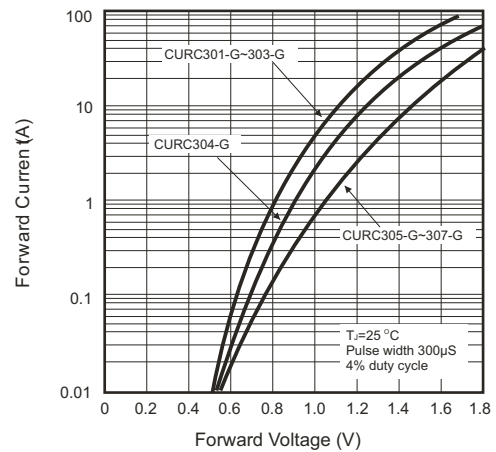


Fig.3 Junction Capacitance

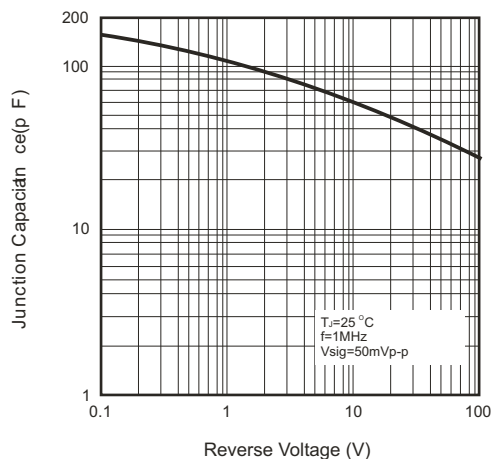


Fig.4 Non-repetitive Forward Surge Current

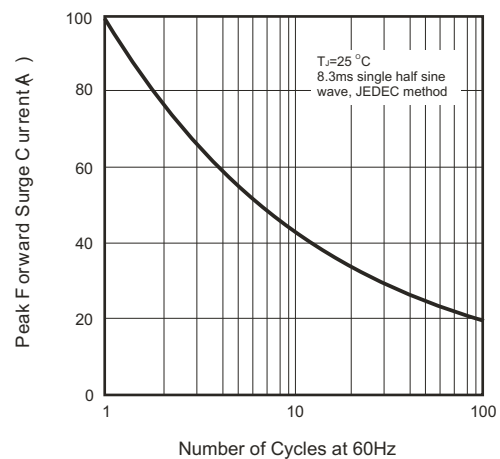


Fig.5 Test Circuit Diagram and Reverse Recovery Time Characteristics

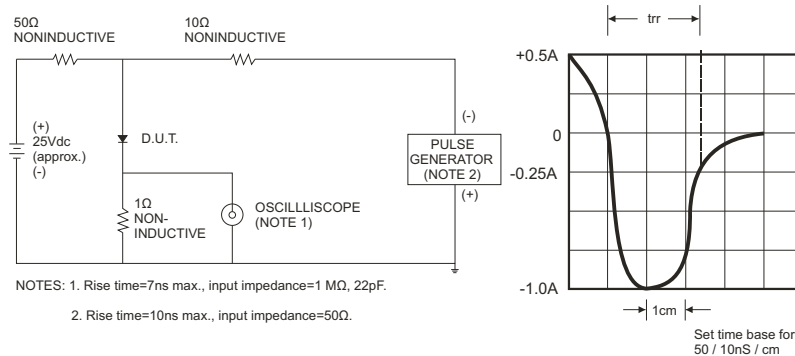
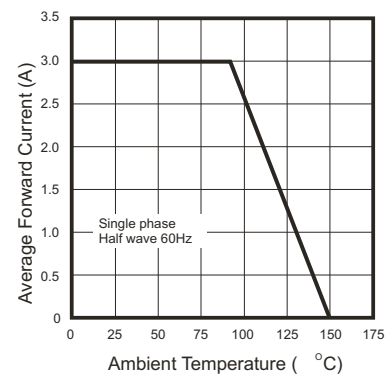
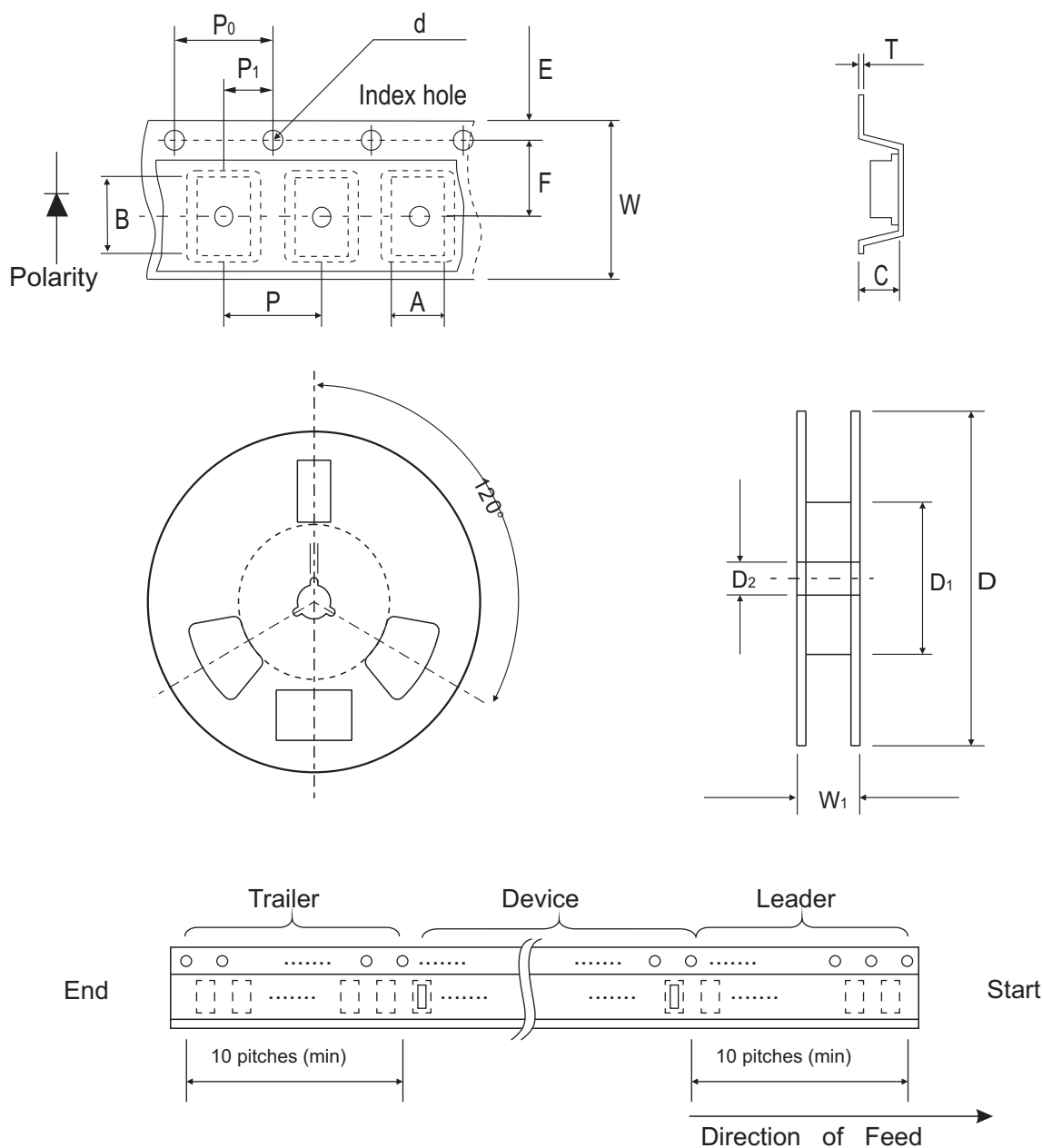


Fig.6 Current Derating Curve



Reel Taping Specification



SMC (DO-214AB)	SYMBOL	A	B	C	d	D	D1	D2
	(mm)	6.3 Max	8.6 Max	2.9 Max	1.50 ± 0.1	330 ± 2.0	50.0 min	13.5 ± 1
	(inch)	0.248 Max	0.339 Max	0.114 Max	0.060 ± 0.039	13.00 ± 0.079	1.969 min	0.531 ± 0.039

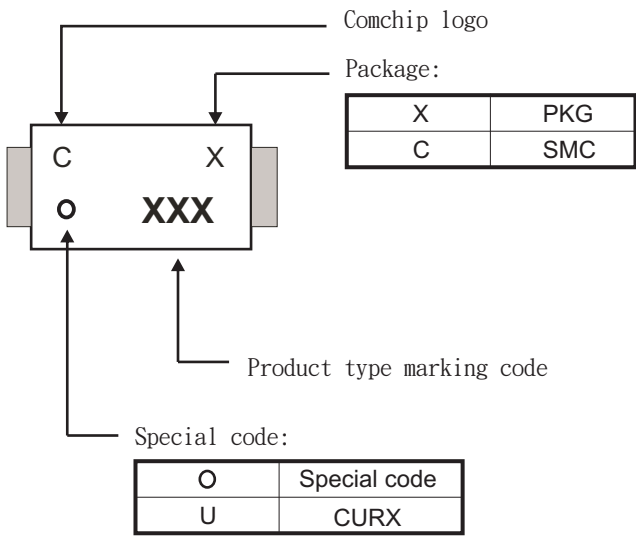
SMC (DO-214AB)	SYMBOL	E	F	P	P_0	P_1	W	W_1
	(mm)	1.75 ± 0.10	7.50 ± 0.10	8.00 ± 0.10	4.00 ± 0.10	2.00 ± 0.05	16.0 ± 0.30	22.4 Max
	(inch)	0.069 ± 0.004	0.295 ± 0.004	0.315 ± 0.004	0.157 ± 0.004	0.079 ± 0.002	0.630 ± 0.012	0.882 Max

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

REV:B

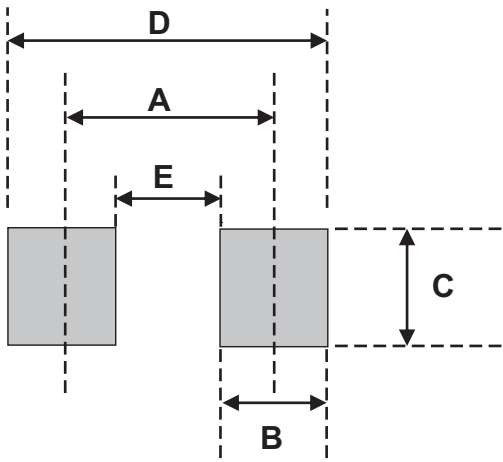
Marking Code

Part Number	Marking Code
CURC301-G	301
CURC302-G	302
CURC303-G	303
CURC304-G	304
CURC305-G	305
CURC306-G	306
CURC307-G	307



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	1.441
E	4.6	0.181



Standard Packaging

Case Type	Qty per Reel	Reel Size
	(Pcs)	(inch)
DO-214AB (SMC)	3,000	13