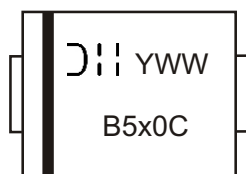


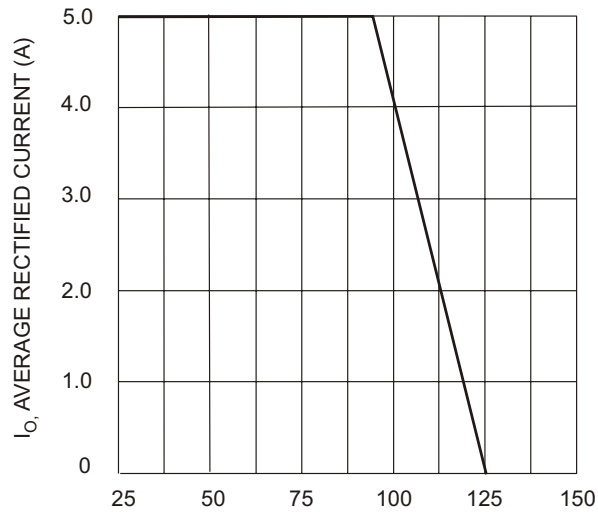
Ordering Information (Note 4 & 5)

Device	Packaging	Shipping
B520C-13	SMC	3000/Tape & Reel
B530C-13	SMC	3000/Tape & Reel
B540C-13	SMC	3000/Tape & Reel
B550C-13	SMC	3000/Tape & Reel
B560C-13	SMC	3000/Tape & Reel

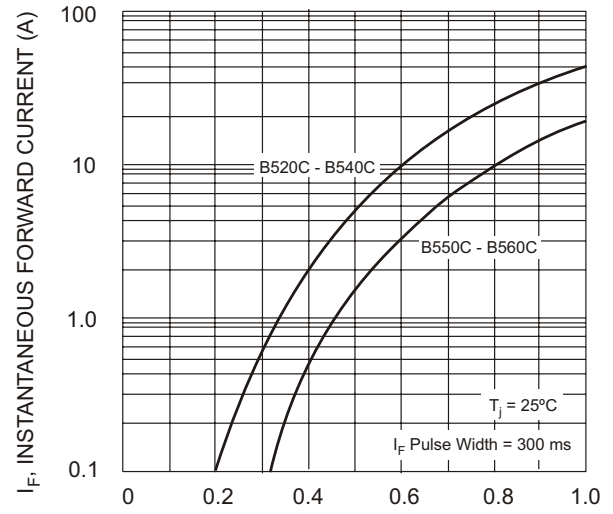
- Notes:
- For Packaging Details, go to our website at <http://www.diodes.com/datasheets/ap02007.pdf>.
 - For Lead Free Finish/RoHS Compliant version part number, please add "-F" suffix to part number above. Example: B550C-13-F.

Marking Information

D||| = Manufacturers' code marking
YWW = Date code marking
Y = Last digit of year ex: 2 for 2002
WW = Week code 01 to 52
x = 2,3,4,5 or 6 - i.e., x = 4 for B540C



T_T , TERMINAL TEMPERATURE ($^{\circ}C$)
Fig. 1 Forward Current Derating Curve



V_F , INSTANTANEOUS FORWARD VOLTAGE (V)
Fig. 2 Typical Forward Characteristics

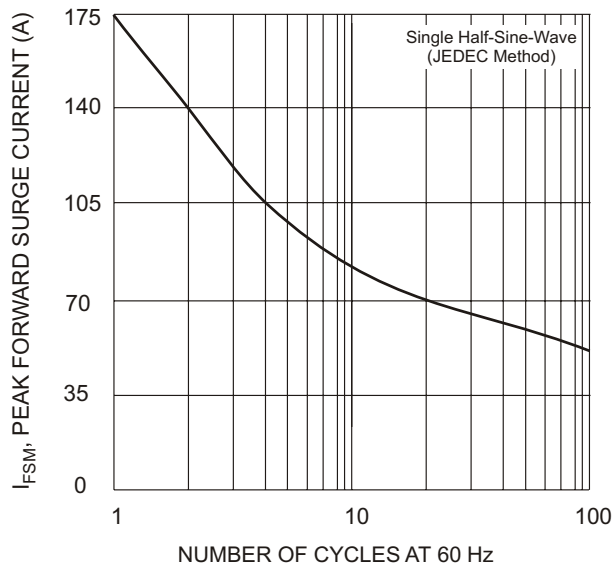
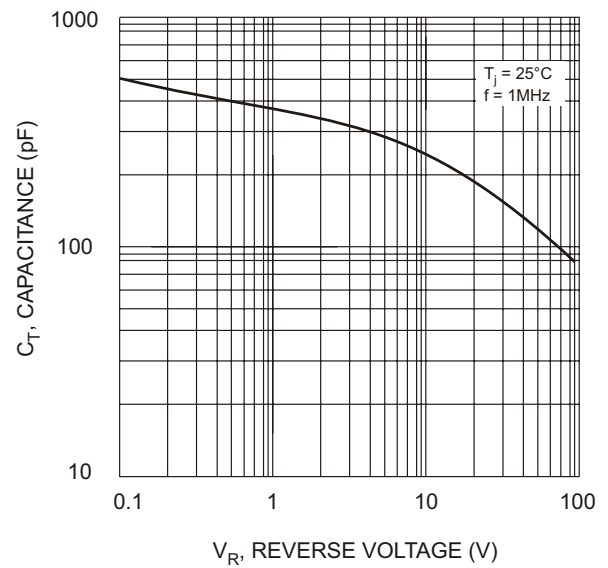


Fig. 3 Max Non-Repetitive Peak Forward Surge Current



V_R , REVERSE VOLTAGE (V)
Fig. 4 Typical Total Capacitance

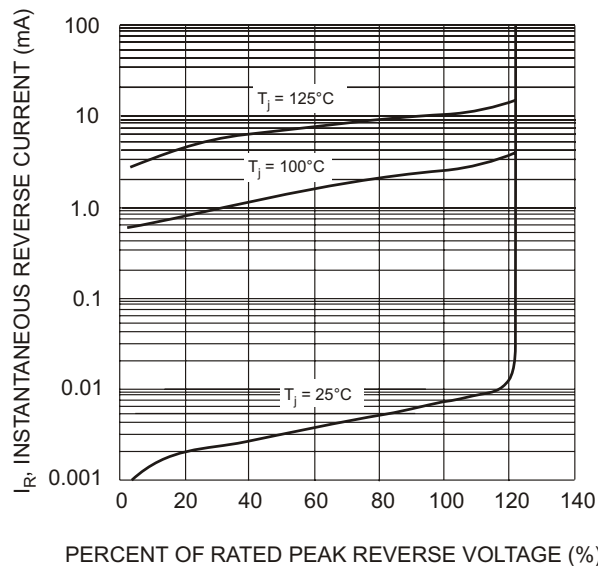


Fig. 5 Typical Reverse Characteristics