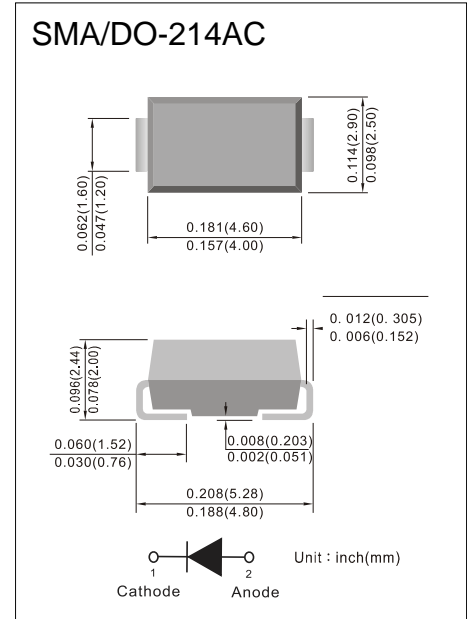


## Features

- Low profile package
- Ideal for automated placement
- Guardring for overvoltage protection
- Low power losses, high efficiency
- High forward surge capability
- Compliant with RoHS standards, halogen-free

## Mechanical Data

- Package: SMA/DO-214AC
- Terminals: Tin plated leads, solderable per
- Polarity: Cathode line denotes the cathode end



## Maximum Ratings ( $T_a=25^{\circ}\text{C}$ Unless otherwise specified)

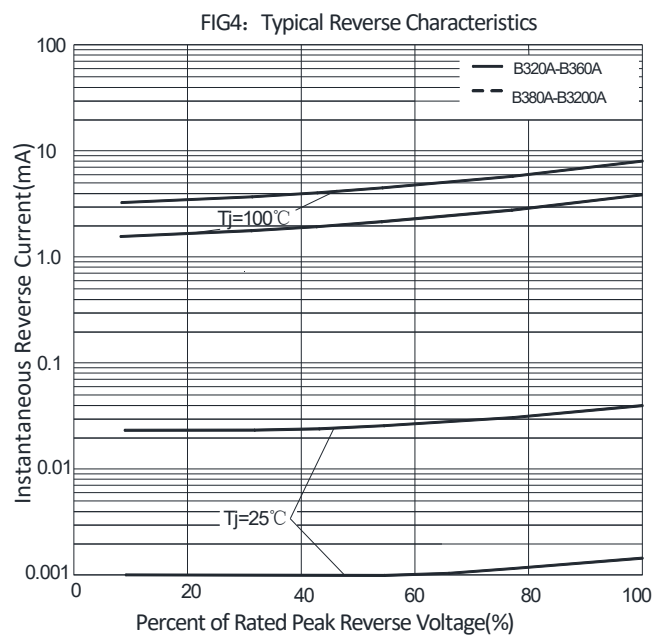
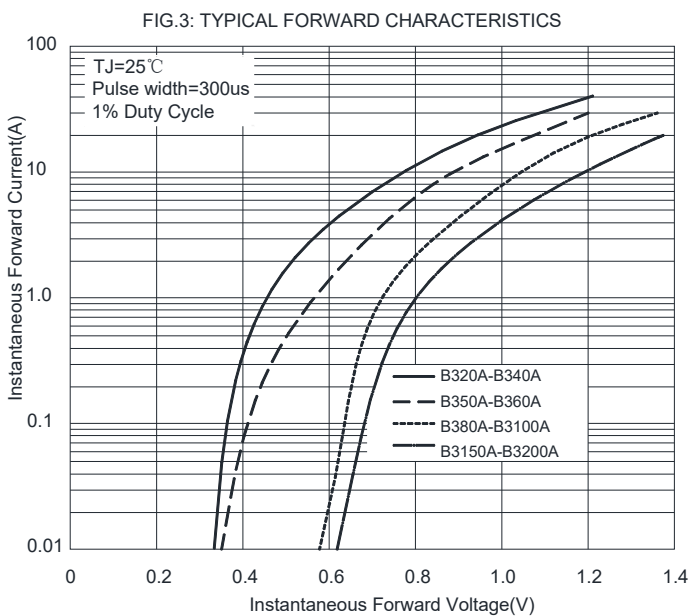
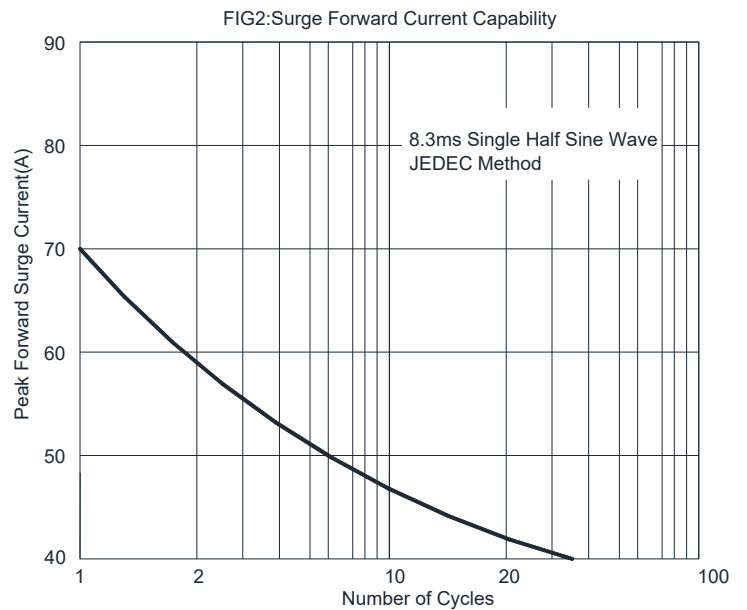
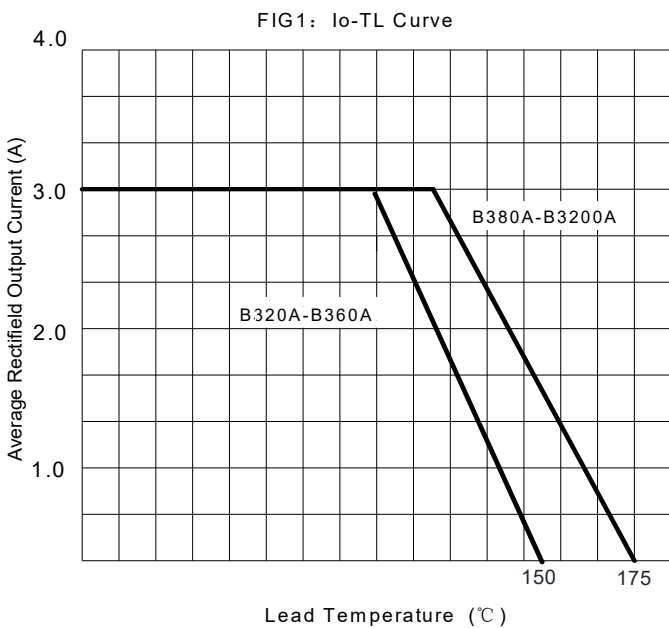
PARAMETER	SYMBOL	UNIT	B								
			320A	330A	340A	350A	360A	380A	3100A	3150A	3200A
Repetitive peak reverse voltage	$V_{RRM}$	V	20	30	40	50	60	80	100	150	200
Average rectified output current @60Hz sine wave, resistance load, TL (FIG.1)	$I_o$	A	3.0								
Surge(non-repetitive)forward current @60Hz half-sine wave, 1 cycle, $T_a=25^{\circ}\text{C}$	$I_{FSM}$	A	70								
Storage temperature	$T_{stg}$	$^{\circ}\text{C}$	-55 ~+150								
Junction temperature	$T_j$	$^{\circ}\text{C}$	-55 ~+150						-55 ~+175		



### Electrical Characteristics

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	B								
				320A	330A	340A	350A	360A	380A	3100A	3150A	3200A
Maximum instantaneous forward voltage drop per diode	$V_F$	V	$I_{FM} = 3.0A$	0.55			0.70		0.85		0.95	
Maximum DC reverse current at rated DC blocking voltage per diode@ $V_{RM}=V_{RRM}$	$I_{RRM}$	mA	$T_a=25^\circ C$	0.50				0.10				
			$T_a=100^\circ C$	10				5.0				

### Characteristics Curves



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