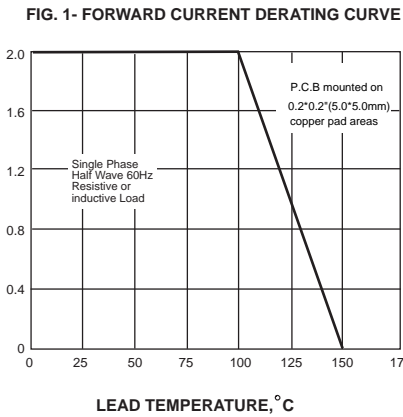


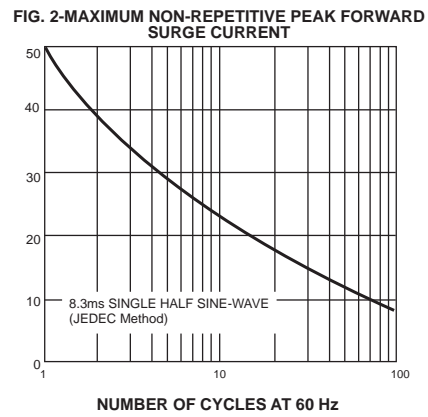
SURFACE MOUNT SCHOTTKY BARRIER RECTIFIER		Reverse Voltage - 150 to 200 Volts Forward Current -2.0 Amperes		
<p><b>DO-214AC/SMA</b></p> <p style="text-align: center;"><i>Dimensions in inches and (millimeters)</i></p>		<p><b>Features</b></p> <ul style="list-style-type: none"> <li>◆ The plastic package carries Underwriters Laboratory Flammability Classification 94V-0</li> <li>◆ Metal silicon junction, majority carrier conduction</li> <li>◆ Low power loss, high efficiency</li> <li>◆ High forward surge current capability</li> <li>◆ High temperature soldering guaranteed: 260°C/10 seconds, 0.375" (9.5mm) lead length, 5 lbs. (2.3kg) tension</li> </ul> <p><b>Mechanical Data</b></p> <p><b>Case:</b> JEDEC DO-214AC molded plastic body  <b>Terminals:</b> leads solderable per MIL-STD-750, Method 2026  <b>Polarity:</b> Color band denotes cathode end  <b>Mounting Position:</b> Any  <b>Weight:</b> 0.002 ounce, 0.07 grams</p>		
MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS				
Ratings at 25°C ambient temperature unless otherwise specified. Single phase half-wave 60Hz, resistive or inductive load, for capacitive load current derate by 20%.				
	SYMBOLS	SS215	SS220	UNITS
Maximum repetitive peak reverse voltage	$V_{RRM}$	150	200	V
Maximum RMS voltage	$V_{RMS}$	105	140	V
Maximum DC blocking voltage	$V_{DC}$	150	200	V
Maximum average forward rectified current at $T_L$ (see fig.1)	$I_{(AV)}$	2.0		A
Peak forward surge current 8.3ms single half sine-wave superimposed on rated load (JEDEC Method)	$I_{FSM}$	50.0		A
Maximum instantaneous forward voltage at 2.0A	$V_F$	0.85	0.95	V
Maximum DC reverse current $T_A=25^\circ C$ at rated DC blocking voltage $T_A=100^\circ C$	$I_R$	0.1		mA
		2.0		
Typical junction capacitance (NOTE 1)	$C_J$	80		pF
Typical thermal resistance (NOTE 2)	$R_{\theta JA}$	70		°C/W
Operating junction temperature range	$T_J$	-55 to +150		°C
Storage temperature range	$T_{STG}$	-55 to +150		°C
<p><b>Note:</b> 1. Measured at 1MHz and applied reverse voltage of 4.0V D.C.                  2. P.C.B. mounted with 0.2x0.2" (5.0x5.0mm) copper pad areas</p>				

**RATINGS AND CHARACTERISTIC CURVES SS215 THRU SS220**

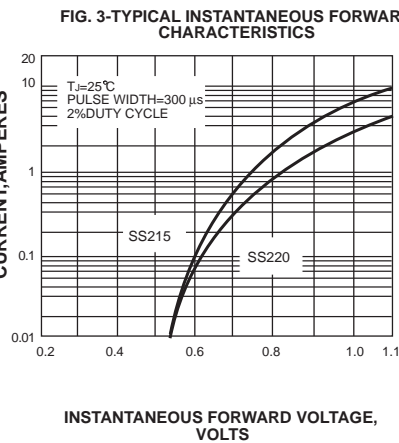
AVERAGE FORWARD RECTIFIED CURRENT, AMPERES



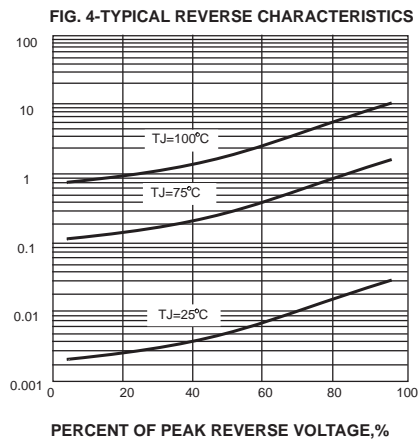
PEAK FORWARD SURGE CURRENT, AMPERES



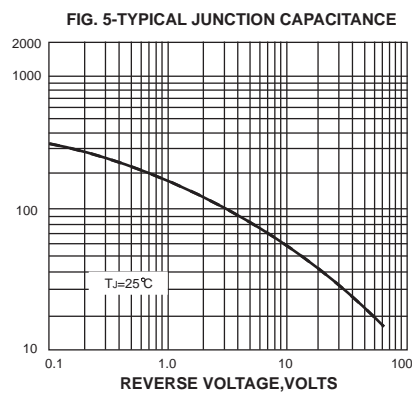
INSTANTANEOUS FORWARD CURRENT, AMPERES



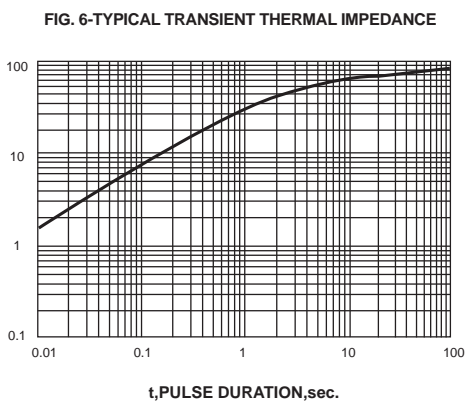
INSTANTANEOUS REVERSE CURRENT, MILLIAMPERES



JUNCTION CAPACITANCE, pF



TRANSIENT THERMAL IMPEDANCE, °C/W



单击下面可查看定价，库存，交付和生命周期等信息

[>>DIOS\(迪恩思\)](#)