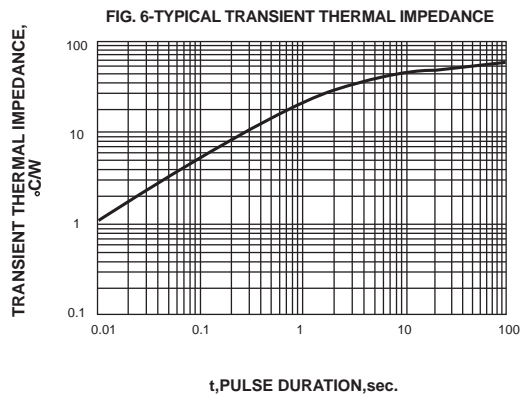
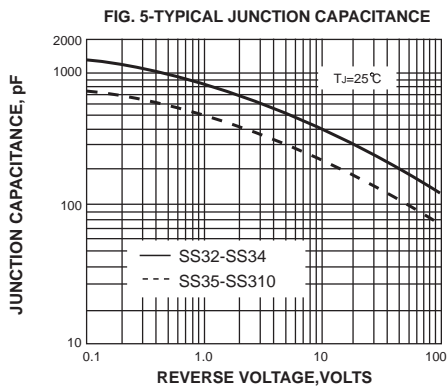
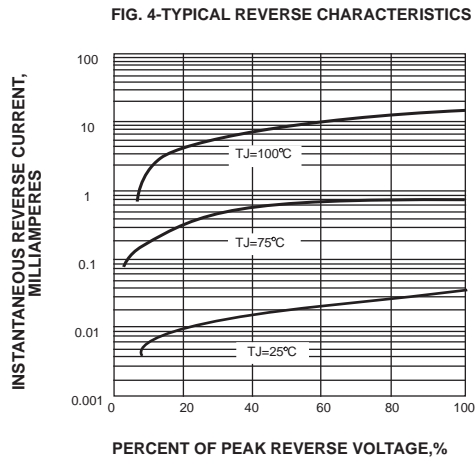
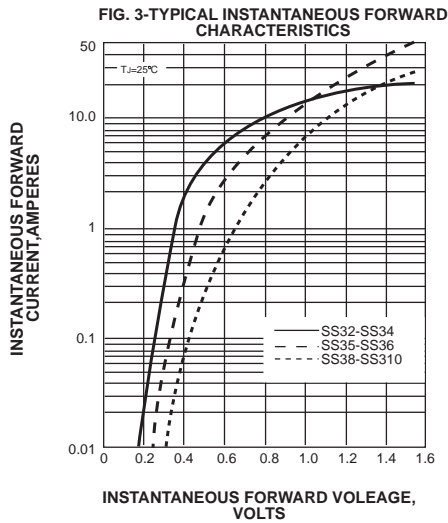
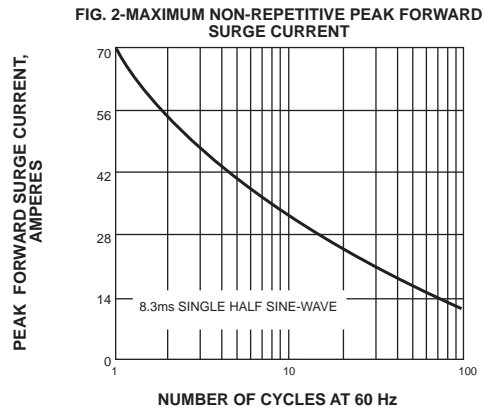
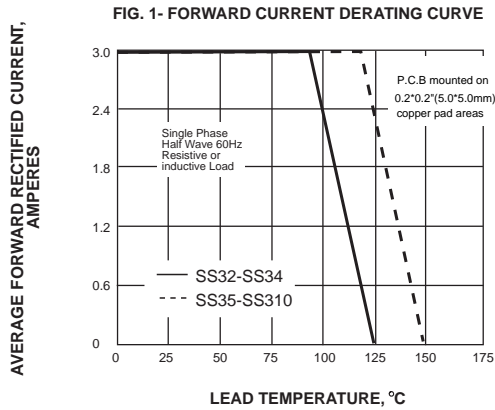


SURFACE MOUNT SCHOTTKY BARRIER RECTIFIER	Reverse Voltage - 20 to 100 Volts Forward Current -3.0 Amperes								
<p style="text-align: center;">DO-214AC</p> <p style="text-align: center;"><i>Dimensions in inches and (millimeters)</i></p>	<p>Features</p> <ul style="list-style-type: none"> ◆ The plastic package carries Underwriters Laboratory Flammability Classification 94V-0 ◆ For surface mounted applications ◆ Metal silicon junction,majority carrier conduction ◆ Low power loss,high efficiency ◆ Built-in strain relief,ideal for automated placement ◆ High forward surge current capability ◆ High temperature soldering guaranteed: 260°C/10 seconds at terminals <p>Mechanical Data</p> <p>Case: JEDEC DO-214AC molded plastic body Terminals: leads solderable per MIL-STD-750, Method 2026 Polarity: Color band denotes cathode end Mounting Position: Any Weight: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	SS32A	SS33A	SS34A	SS35A	SS36A	SS38A	SS310A	UNITS
Maximum repetitive peak reverse voltage	V_{RRM}	20	30	40	50	60	80	100	V
Maximum RMS voltage	V_{RMS}	14	21	28	35	42	56	70	V
Maximum DC blocking voltage	V_{DC}	20	30	40	50	60	80	100	V
Maximum average forward rectified current at T _L (see fig.1)	$I_{(AV)}$	3.0							A
Peak forward surge current 8.3ms single half sine-wave superimposed on rated load	I_{FSM}	70.0							A
Maximum instantaneous forward voltage at 3.0A	V_F	0.55		0.70		0.85		V	
Maximum DC reverse current at rated DC blocking voltage	I_R	0.5		0.1		10		mA	
$T_A=25^{\circ}C$ $T_A=100^{\circ}C$		20							
Typical junction capacitance (NOTE 1)	C_J	500			300			pF	
Typical thermal resistance (NOTE 2)	$R_{\theta JA}$	75.0							°C/W
Operating junction temperature range	T_J	-55 to +125			-55 to +150			°C	
Storage temperature range	T_{STG}	-55 to +150							°C
<p>Note: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 SS32 THRU SS310



单击下面可查看定价，库存，交付和生命周期等信息

[>>DIOS\(迪恩思\)](#)