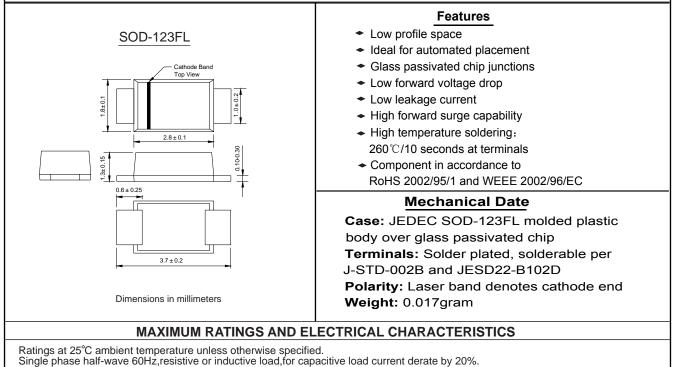


DSR0.3A THRU DSR0.3M

Surface Mount Standard Rectifiers

Reverse Voltage - 50 to 1000 Volts Forward Current - 0.3 Ampere



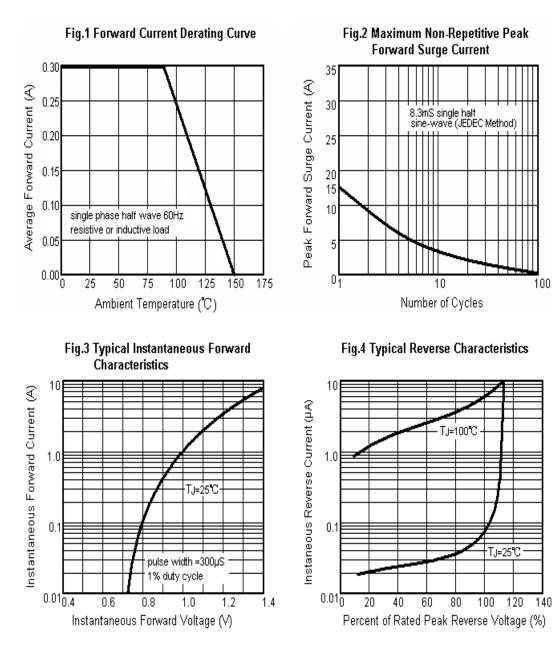
	SYMBOLS	S03A	S03B	S03D	S03G	S03J	S03K	S03M	UNITS
Maximum repetitive peak reverse voltage	Vrrm	50	100	200	400	600	800	1000	VOLTS
Maximum RMS voltage	Vrms	35	70	140	280	420	560	700	VOLTS
Maximum DC blocking voltage	Vdc	50	100	200	400	600	800	1000	VOLTS
Maximum average forward rectified current	l(AV) 0.3						Amp		
at Ta=65°C (NOTE 1)									,p
Peak forward surge current									
8.3ms single half sine-wave superimposed on	Ігям 15.0							Amps	
rated load (JEDEC Method) TL=25°C									
Maximum instantaneous forward voltage at 0.3A	Vf	1.1							Volts
Maximum DC reverse current Ta=25℃	1-	5.0 50.0							μA
at rated DC blocking voltage Ta=100°C	lr								
Typical junction capacitance (NOTE 2)	Сл	4							pF
Typical thermal resistance (NOTE 3)	Reja	220							K/W
Operating junction and storage temperature range	Т _Ј ,Тstg	-55 to +150							°C

Note1: Mounted on FR-4 P.C.B. With 0.9x1.5 mm copper pad areas (${\approx}35\,\mu\text{m}$ thick)

MDD ELECTRONIC

RATINGS AND CHARACTERISTIC CURVES DSR0.3A THRU DSR0.3M

Characteristic Curves (T_A=25 °C unless otherwise noted)



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