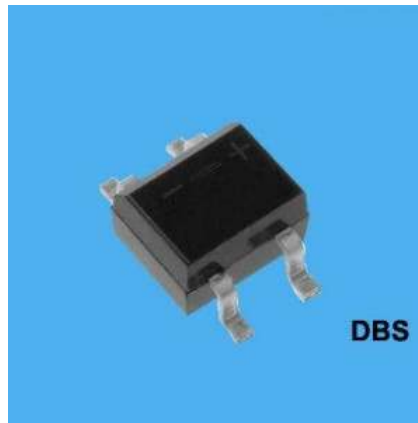




## Bridge Rectifier DB151(S)-DB157(S)



### Specifications

1.5A Bridge Rectifier DB151(S)-DB157(S) in DB/DBS Package

#### MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified.

Single phase, half wave, 60 Hz, resistive or inductive load. For capacitive load, derate by 20%.

		DB 151S	DB 152S	DB 153S	DB 154S	DB 155S	DB 156S	DB 157S	UNITS
Maximum recurrent peak reverse voltage	$V_{RRM}$	50	100	200	400	600	800	1000	V
Maximum RMS voltage	$V_{RMS}$	35	70	140	280	420	560	700	V
Maximum DC blocking voltage	$V_{DC}$	50	100	200	400	600	800	1000	V
Maximum average forward Output current @ $T_A=25^\circ\text{C}$	$I_{F(AV)}$	1.5							A
Peak forward surge current 8.3ms single half-sine-wave superimposed on rated load	$I_{FSM}$	40							A
Maximum instantaneous forward voltage at 1.5 A	$V_F$	1.1							V
Maximum reverse current @ $T_A=25^\circ\text{C}$ at rated DC blocking voltage @ $T_A=100^\circ\text{C}$	$I_R$	10.0 1.0							$\mu\text{A}$ mA
Operating junction temperature range	$T_J$	-55 ---- +150							$^\circ\text{C}$
Storage temperature range	$T_{STG}$	-55 ---- +150							$^\circ\text{C}$