



3,7 Amp. Silicon Bridge Rectifiers in Plastic Case

Dimensions in mm. (inches)	Plastic Case	Voltage 100 to 1.000 V.
		Current 3,7 A.
		<ul style="list-style-type: none"> • Low Cost • Case: Epoxy encapsulation • Terminals: Radial in-line • Ideal for P.C.B. <p>Lead and polarity identifications High surge current capability</p>

Maximum Ratings, according to IEC publication No. 134

		B40 C3700/2200	B80 C3700/2200	B125 C3700/2200	B250 C3700/2200	B380 C3700/2200	B500 C3700/2200
V_{PPM}	Peak recurrent reverse voltage (V)	100	200	300	600	900	1000
V_N	Recommended input voltage (V_{RMS})	40	80	125	250	380	500
$I_{F(AV)}$	Forward current - PC mounted at $T_{amb} = 45^\circ C$ R load C load - Chassis mounted R load C load	2,7 A 2,2 A 4,5 A 3,7 A					
I_{FRM}	Recurrent peak forward current	20 A					
I_{FSM}	10 ms. peak forward surge current	150 A					
I^2t	I^2t value for fusing ($t = 10$ ms)	110 A ² S					
T_j	Max. operating temperature	+ 150°C					
T_{stg}	Storage temperature range	- 40 to + 150°C					

Electrical Characteristics at $T_{amb} = 25^\circ C$

V_F	Max. forward voltage drop per arm at $I_F = 3$ A	1,1 V
I_R	Max. reverse current per arm at V_{RRM}	20 μ A