

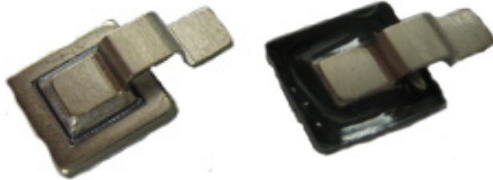


35Amps Glass Passivated Power Motorbike Rectifiers

Description

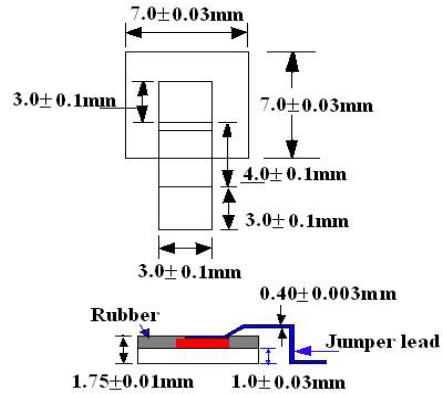
Mechanical Dimensions

SC-354L~3515SL



SC-L

SC-SL



Dimensions in mm

Features

- Very Low Forward Voltage Drop
- High Current Capability
- High Reliability
- High Surge Current Capability

Mechanical Data

- Case: SC Metal Case
- Terminals: Lead Solderable
- Weight: 0.75grams(approx.)

Max Ratings at Ta=25C Unless Otherwise Specified

Characteristic	Symbol	SC354L	SC3515SL	Unit
Peak Repetitive Reverse Voltage	V _{rrm}	400	1500	V
working Peak Reverse Voltage	V _{rwm}	400	1500	V
DC Blocking Voltage	V _{dc}	400	1500	V
RMS Reverse Voltage	V _{r(rms)}	280	1050	V
Forward Continuous Current	I _{F(AV)}	35		A
non-Repetitive peak Surge Current 10ms Sine pulse, rated V _{rrm} applied	I _{FSM}	400		A
Max Forward Voltage I _F =35A/6.0A @25C	V _f	1.22/1.0		V
Max Forward Voltage I _F =35A/18A @25C	V _f		1.28/1.1	
Reverse Leakage Current WITH V _r @ 25C/150C	I _r	50/800		uA
Thermal Resistance, Junction to lead	R _{thjL}	1.0		C/W
Operating & Storage Temp. Range	T _j /T _s	-55~+180		C