

PRILMARLY VERSIONS



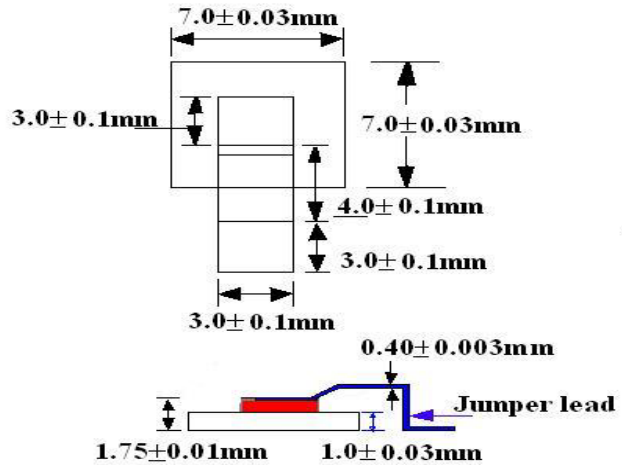
Data Sheet

35Amps Glass Passivated Power Motorbike Rectifiers

Description

Mechanical Dimensions

SC-354L~3515L



SMT-L

Dimensions in mm

Features

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

Mechanical Data

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

Max Ratings at Ta=25C Unless Otherwise Specified

Characteristic	Symbol	SC354L	SC356L	SC358L	SC3510L	SC3515L	Unit
Peak Repetitive Reverse Voltage	Vrrm	400	600	800	1000	1500	V
working Peak Reverse Voltage	Vrwm	400	600	800	1000	1500	V
DC Blocking Voltage	Vdc	400	600	800	1000	1500	V
RMS Reverse Voltage	Vr(rms)	280	420	560	700	1050	V
Forward Continuous Current	IF(AV)	35					A
non-Repetitive peak Surge Current 10ms Sine pulse, rated Vrrm applied	IFSM	400					A
Max Forward Voltage IF=35A/18A @25C	Vf	1.28/1.1					V
Reverse Leakage Current WITH Vr @ 25C/150C	Ir	50/800					uA
Thermal Resistance, Junction to lead	RthjL	1.0					C/W
Operating & Storage Temp. Range	Tj/Ts	-55~+180					C



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Fig.1 Typical Instantaneous Forward Characteristics

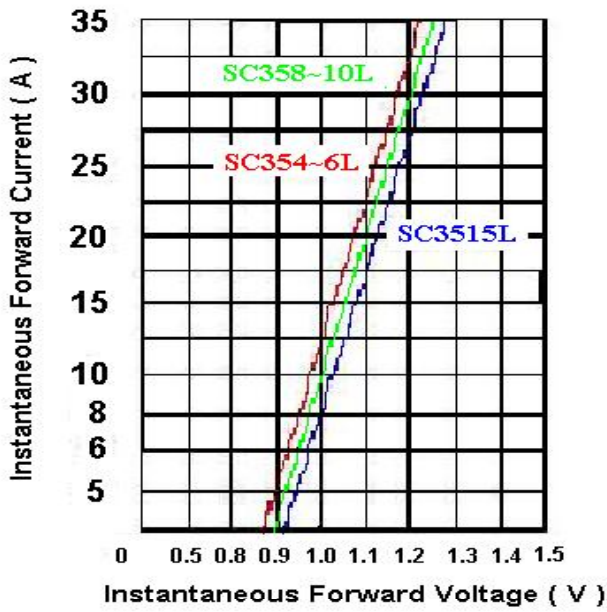


Fig. 2 Forward Current Derating Curve

