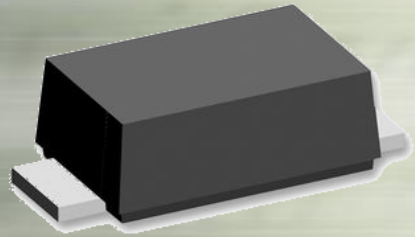


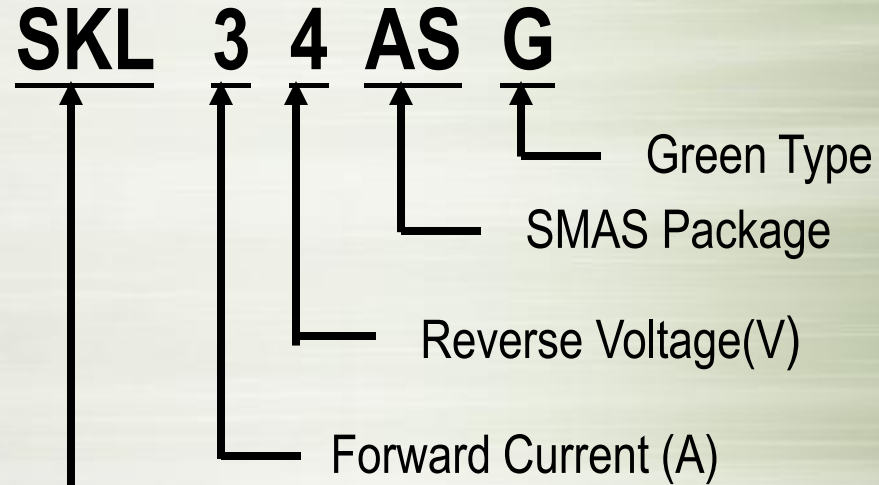
SMAS Products



Product Part Number



SMAS Package



SK : STD

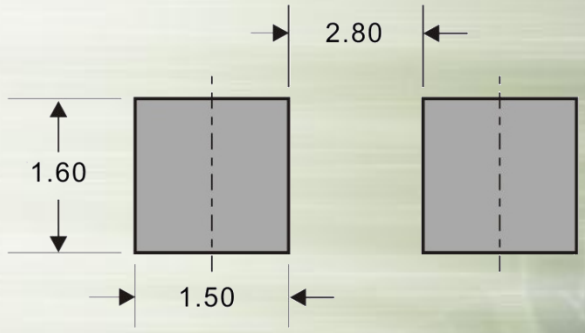
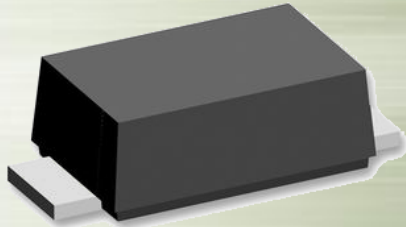
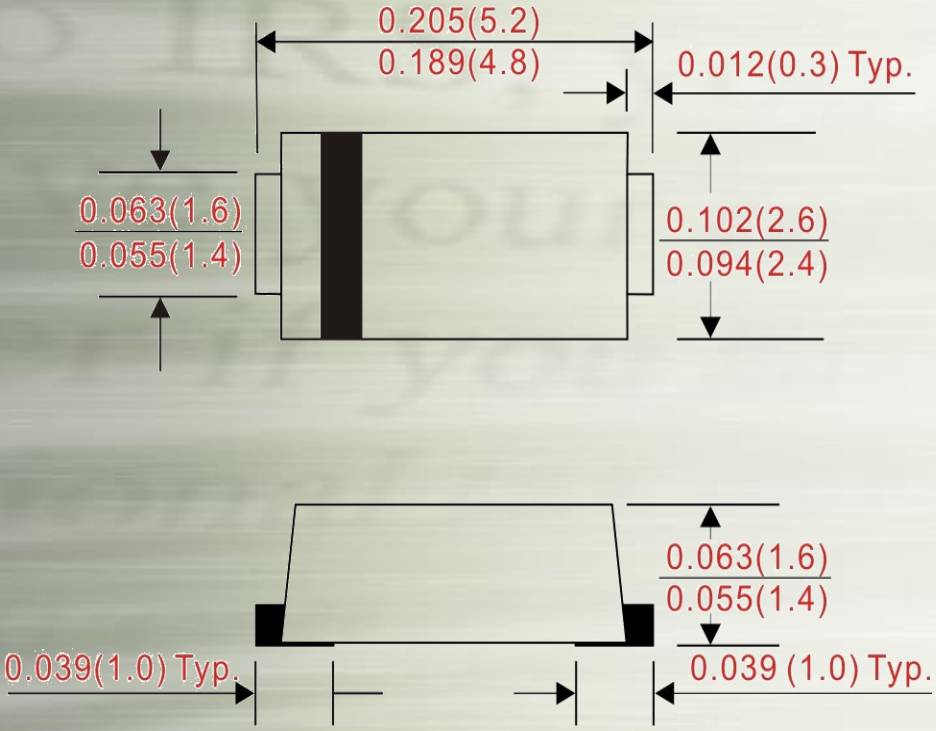
SL : Low VF

SLL : Super Low VF

SKL : Low VF Low IR

SKS : Super Low VF Low IR

Package Outline



SMAS Package VS SMA Package

SMAS Package

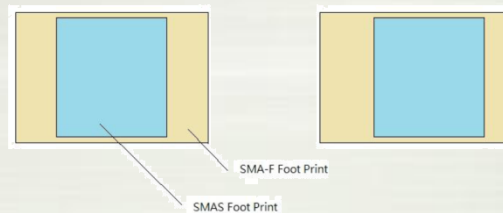
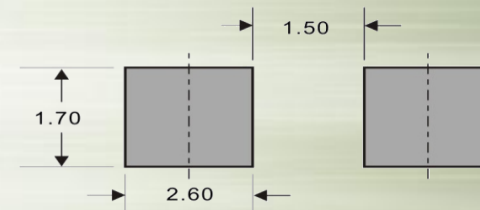
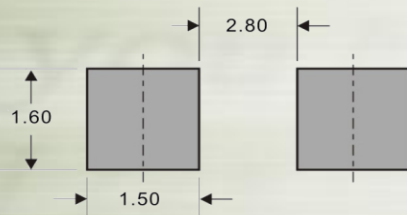
SMA Package

Outline



SMAS package thickness reduced by 40% than SMA package

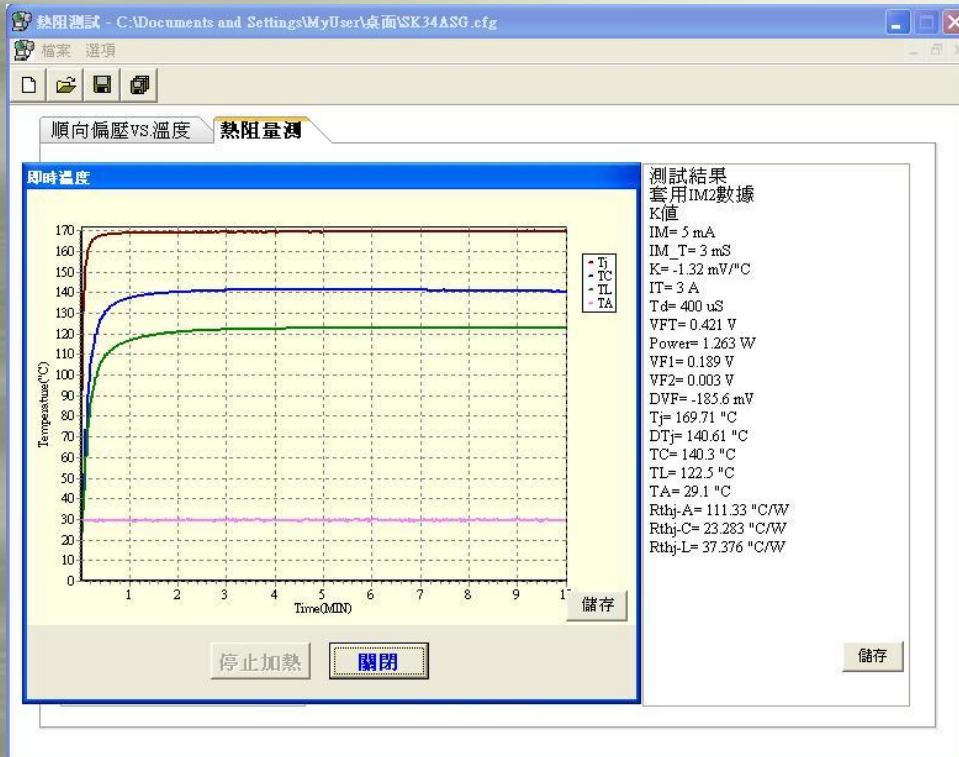
Pad Layout



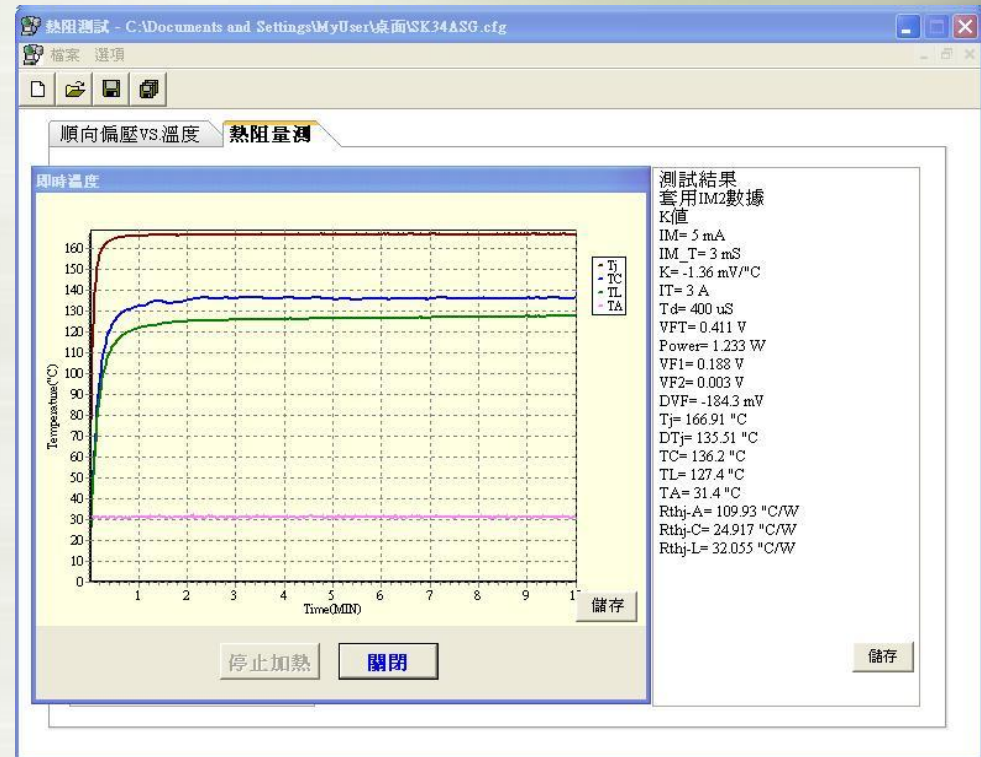
SMAS package can direct replace SMA package

Package radiating capacity

SK34ASG



SK34AG



PN	T _J (°C)	R _{θJC} (°C/W)	R _{θJA} (°C/W)
SK34ASG	169.71	23.283	111.33
SK34AG	166.91	24.917	109.93

Product Features

- Low forward voltage drop
- Reverse voltage Range: 40V - 200V
- Forward current Range: 1A - 5A
- High ESD capability : ESD>16KV
- Smaller package size than SMA package
- Better heat dissipation than SMA package
- SMAS package can direct replace SMA package

Applications

Computer

Notebook
Desktop computer
Ultra book
Slim Computer
Motherboard

Communication

ADSL
Set-top Box
Wireless

Consumer

DVD Player
LED TV/Monitor
LCD TV/Monitor
Home Appliance
Audio applications
DC-DC Converter
AC-DC Converter
Electronic Toys
Adaptor