



**THE DATASHEET OF
SS310LHE-TP**



Obsolete



Micro Commercial Components
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SS34LHE THRU SS310LHE

3 Amp Schottky Rectifiers 40 - 100 Volts

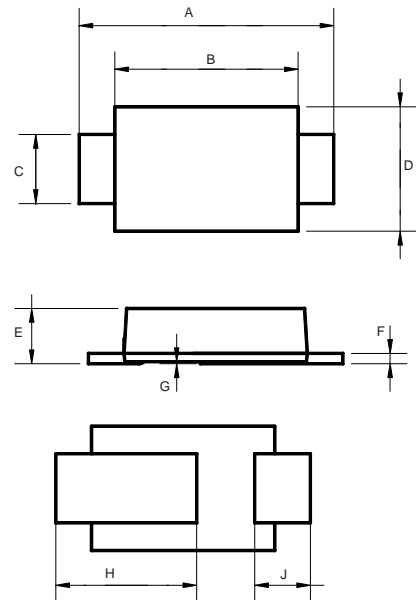
Features

- Halogen free available upon request by adding suffix "-HF"
- High current capability.
- Lead Free Finish/RoHS Compliant (Note1)("P" Suffix designates Compliant. See ordering information)
- Guardring for overvoltage protection.
- Silicon epitaxial planar chip, metal silicon junction.
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1

- Operating Temperature: -55°C to +150°C
- Storage Temperature: -55°C to +150°C
- Typical Thermal Resistance: 11°C/W Junction to Lead

MCC Catalog Number	Device Marking	Maximum Recurrent Peak Reverse Voltage	Maximum RMS Voltage	Maximum DC Blocking Voltage
SS34LHE	SL34L	40V	28V	40V
SS36LHE	SL36L	60V	42V	60V
SS310LHE	SL310L	100V	70V	100V

SOD-123HE



Electrical Characteristics @ 25°C Unless Otherwise Specified

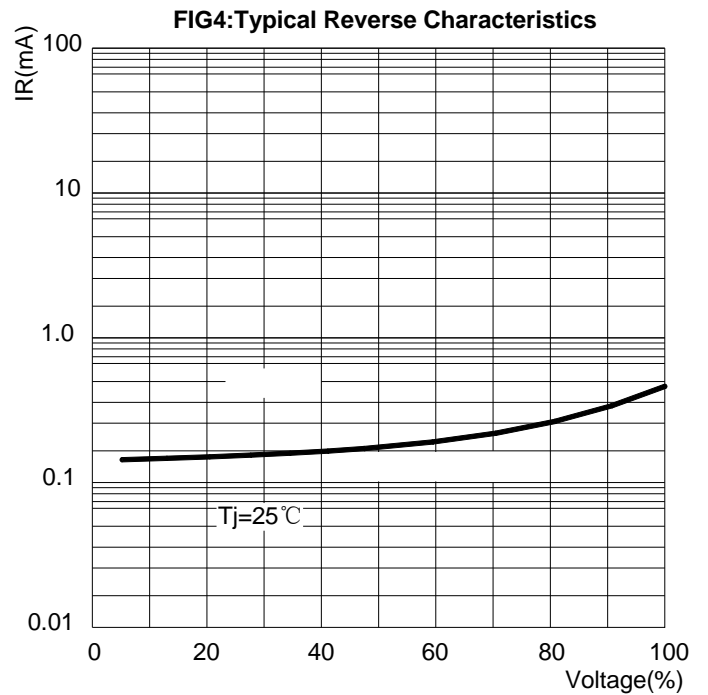
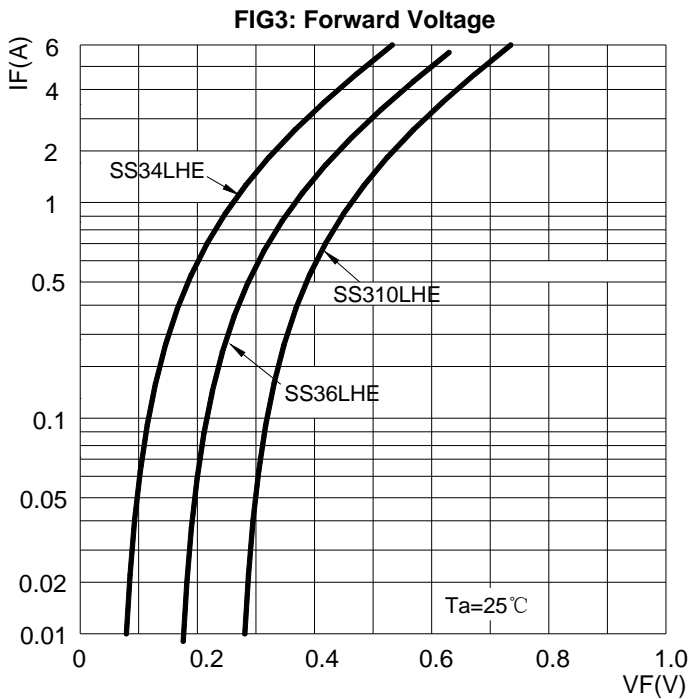
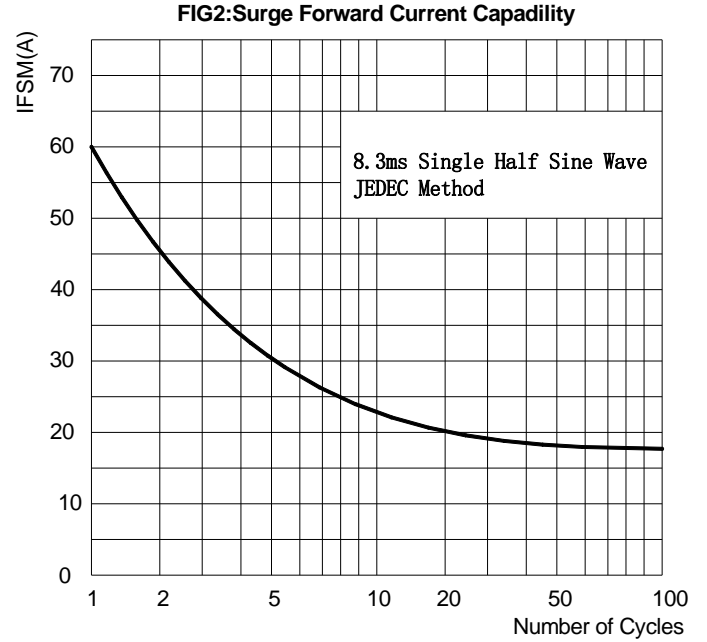
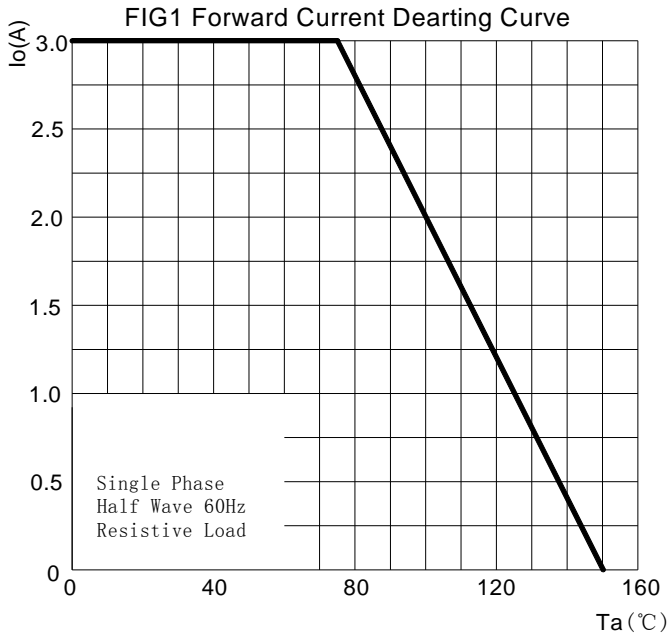
Average Forward Current	$I_{F(AV)}$	3.0A	See Fig.1
Peak Forward Surge Current	I_{FSM}	60A	8.3ms, half sine
Maximum Instantaneous Forward Voltage	V_F	SS34LHE 0.45V SS36LHE 0.50V SS310LHE 0.60V	$I_{FM} = 3.0A$;
Maximum DC Reverse Current At Rated DC Blocking Voltage	I_R	0.5mA	$T_J = 25^\circ C$

Note: 1. High Temperature Solder Exemption Applied, see EU Directive Annex 7.

DIM	DIMENSIONS				NOTE
	INCHES		MM		
	MIN	MAX	MIN	MAX	
A	.140	.156	3.55	3.95	
B	.100	.112	2.55	2.85	
C	.035	.043	0.90	1.10	
D	.067	.075	1.70	1.90	
E	.028	.035	0.70	0.90	
F	.004	.008	0.10	0.20	
G	.001	.002	0.02	0.05	
H	.067	.098	1.70	2.50	
J	.016	.047	0.40	1.20	

www.mccsemi.com

Characteristics(Typical)





Micro Commercial Components

Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 3Kpcs/Reel

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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