



# THE DATASHEET OF SMD210LHE-TP



Obsolete



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# SMD24LHE THRU SMD210LHE

## 2 Amp Schottky Rectifiers 40 - 100 Volts

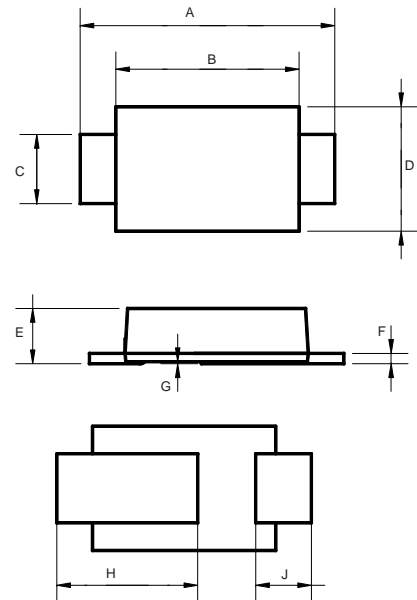
### Features

- Halogen free available upon request by adding suffix "-HF"
- High current capability.
- Lead Free Finish/RoHS Compliant (Note 1) ("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: 13°C/W Junction to Lead

MCC Catalog Number	Device Marking	Maximum Recurrent Peak Reverse Voltage	Maximum RMS Voltage	Maximum DC Blocking Voltage
SMD24LHE	SL24L	40V	28V	40V
SMD26LHE	SL26L	60V	42V	60V
SMD210LHE	SL210L	100V	70V	100V

### SOD-123HE



### Electrical Characteristics @ 25°C Unless Otherwise Specified

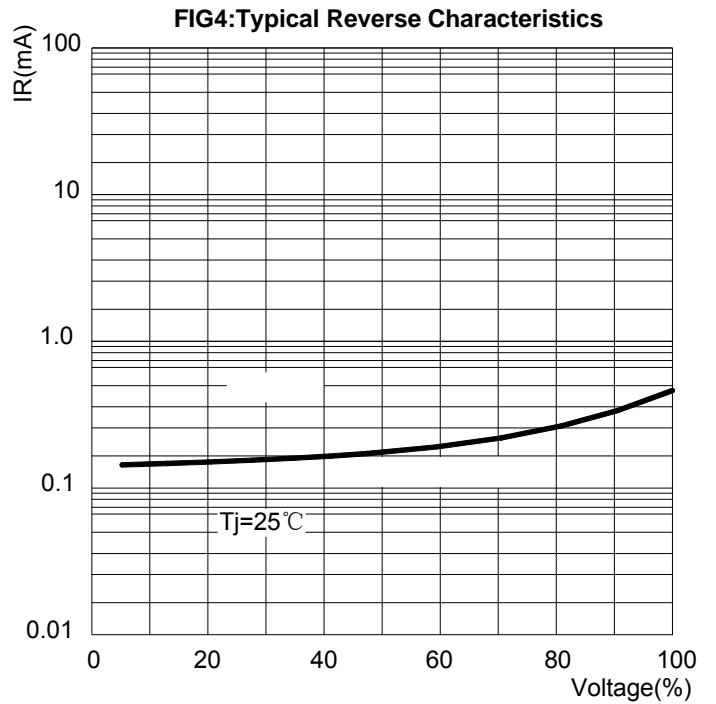
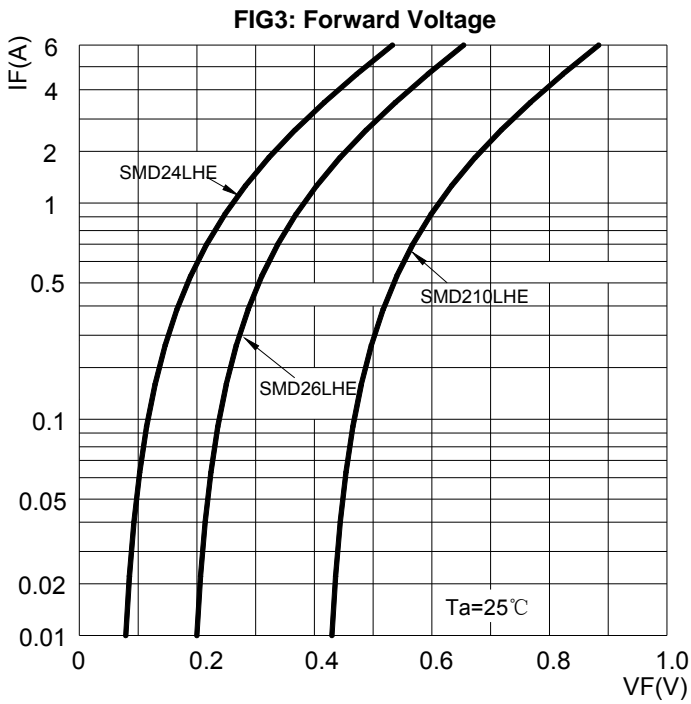
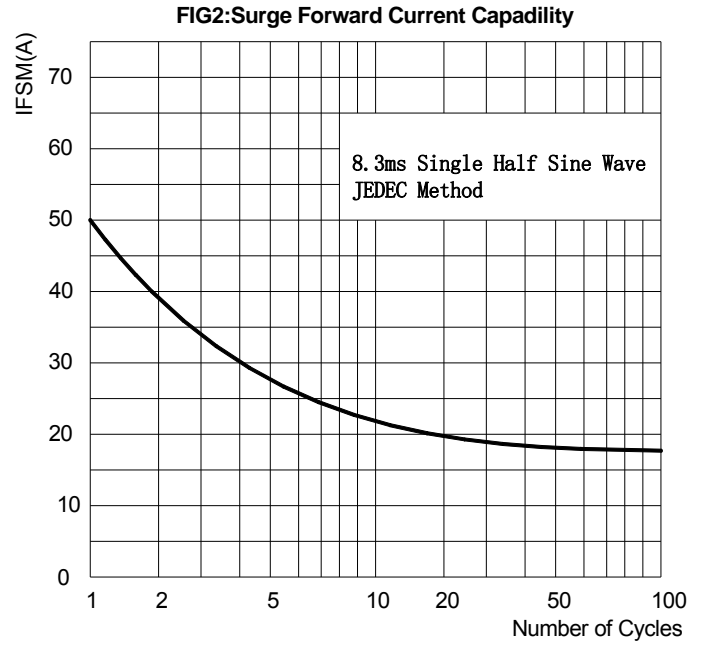
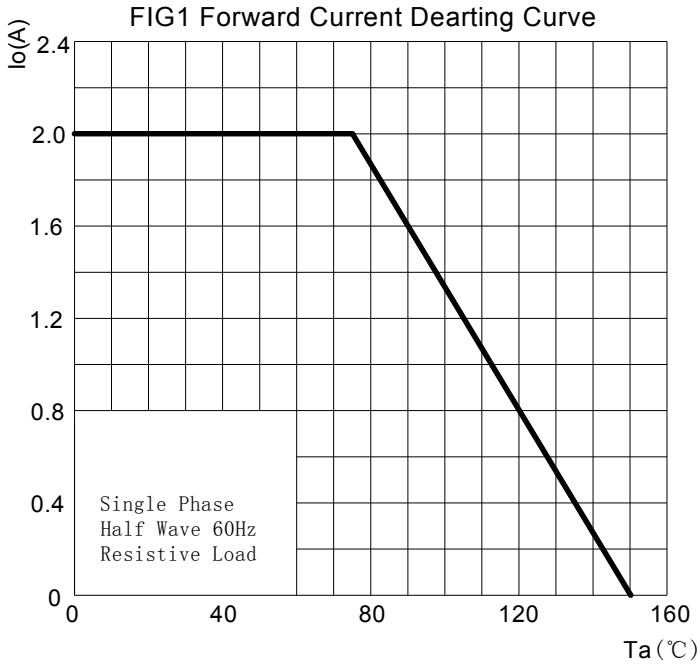
Average Forward Current	$I_{F(AV)}$	2.0A	See Fig.1
Peak Forward Surge Current	$I_{FSM}$	50A	8.3ms, half sine
Maximum Instantaneous Forward Voltage	$V_F$	SMD24LHE 0.47V SMD26LHE 0.55V SMD210LHE 0.72V	$I_{FM} = 2.0A;$
Maximum DC Reverse Current At Rated DC Blocking Voltage	$I_R$	0.5mA	$T_J = 25^\circ C$

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	

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**Characteristics(Typical)**





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### 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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