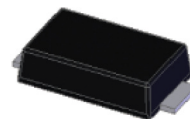


Features

- Glass passivated High Efficiency rectifiers
- Ideal for automated placement
- Low forward voltage drop
- Low leakage current
- Moisture sensitivity: level 1, per J-STD-020
- AEC-Q101 qualified
- Low profile



TYPICAL APPLICATIONS

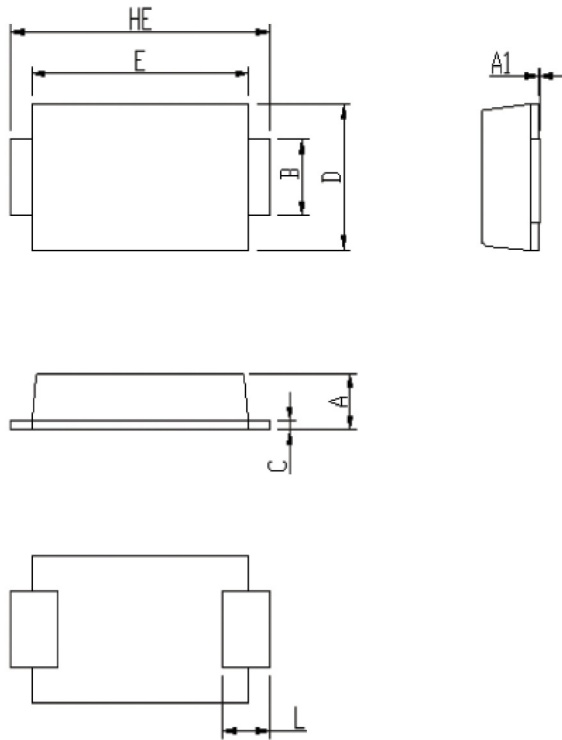
For use of general purpose rectification in lighting, cellular phone, portable device, power supplies and other consumer applications.

MAXIMUM RATINGS (TA = 25 °C unless otherwise noted)									
PARAMETER	SYMBOL	L2H1	L2H2	L2H3	L2H4	L2H5	L2H6	L2H7	UNIT
Maximum repetitive peak reverse voltage	VRRM	50	100	200	400	600	800	1000	V
Maximum RMS voltage	VRMS	35	70	140	280	420	560	700	V
Maximum DC blocking voltage	VDC	50	100	200	400	600	800	1000	V
Maximum average forward rectified current	IF(AV)	2.0							A
Peak forward surge current 8.3 ms single half sine-wave superimposed on rated load	IFSM	45							A
Operating junction and storage temperature range	TJ, TSTG	- 55 to + 150							°C

ELECTRICAL CHARACTERISTICS (TA = 25 °C unless otherwise noted)

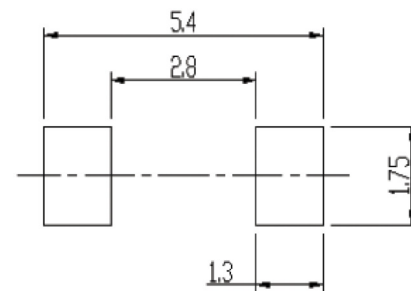
PARAMETER	TEST CONDITIONS	SYMBOL	L2H1	L2H2	L2H3	L2H4	L2H5	L2H6	L2H7	UNIT
Maximum instantaneous forward voltage	2 A	VF	1.8							Volts
Maximum DC reverse current at rated DC blocking voltage	TA=25• •	IR	5							μA
	TA=125• •		50							
Maximum reverse recovery time	IF=0.5A, IR=1.0A IR=0.25A	t _{rr}	75							nS
Typical junction capacitance	4.0 V, 1 MHz	CJ	15							pF

PACKAGE OUTLINE DIMENSIONS



DIM	Unit: mm		Unit: inch	
	MIN	MAX	MIN	MAX
A	0.92	1.08	0.036	0.043
A1	0	0.1	0.000	0.004
B	1.25	1.45	0.049	0.057
C	0.1	0.25	0.004	0.010
D	2.6	2.8	0.102	0.110
E	4.1	4.3	0.161	0.169
L	0.8	1.0	0.031	0.039
HE	4.8	5.2	0.189	0.205

Soldering footprint



PACKING INFORMATION

Packing quantities:

3000 pcs/Reel • 42mm Tape, 13" Reel

Tape & Reel Specification

