



# ABSK32S THRU ABSK310S

## Bridge Rectifiers

### Features

- UL recognition, file #E313149
- Ideal for automated placement
- High surge current capability
- Meets MSL level 1, per J-STD-020, LF maximum peak of 260 °C
- Schottky chip

### Typical Applications

General purpose use in high frequency AC/DC bridge full wave rectification for SMPS, lighting ballast, adapter, battery charger, home appliances, office equipment, and telecommunication applications.

### Mechanical Data

- Package:** ABS
- Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, Halogen free
- Terminals:** Tin plated leads, solderable per J-STD-002 and JESD22-B102
- Polarity:** As marked on body

### Maximum Ratings ( $T_a=25$ Unless otherwise specified)

PARAMETER	SYMBOL	UNIT	ABSK32S	ABSK34S	ABSK36S	ABSK38S	ABSK310S
Device marking code			ABSK32S	ABSK34S			



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**Thermal Characteristics**  $T_a=25$  Unless otherwise specified

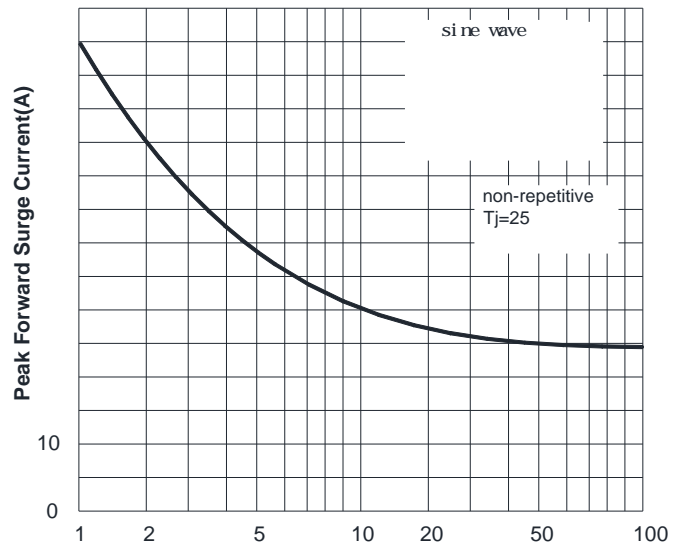
PARAMETER		SYMBOL	UNIT	ABSK32S	ABSK34S	ABSK36S	ABSK38S	ABSK310S
Thermal Resistance	Between junction and ambient, On alumina substrate	R J-A	/W	62.5				
	Between junction and lead	R J-L		25.0				

## Ordering Information (Example)

PREFERED P/N	PACKING CODE	UNIT WEIGHT(g)	MINIIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
ABSK32S-ABSK310S	F1	Approximate 0.095	4000	8000	64000	13" reel
ABSK32S-ABSK310S	F5	Approximate 0.095	5000	10000	80000	13" reel

## Characteristics (Typical)

FIG2: Surge Forward Current Capability







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