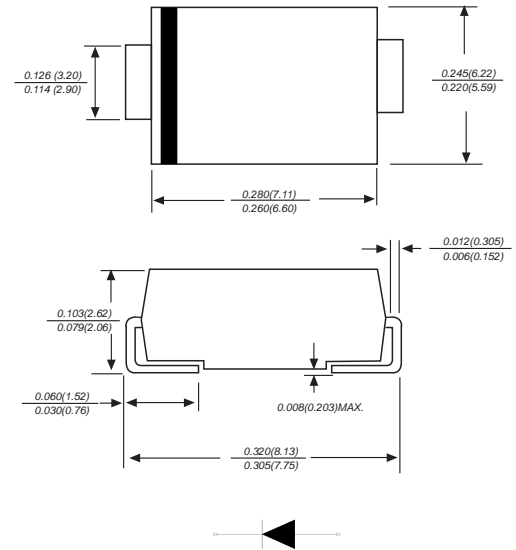




**Features**

- The plastic package carries Underwriters Laboratory Flammability Classification 94V-0
- For surface mounted applications
- Built-in strain relief,ideal for automated placement
- Low reverse leakage
- High forward surge current capability
- High temperature soldering guaranteed  
250°C/10 seconds at terminals

**DO-214AB/SMC**



Dimensions in inches and (millimeters)

**Mechanical Data**

- **Case** : Molded plastic body
- **Terminals** : Solder plated, solderable per MIL-STD-750,Method 2026
- **Polarity** : Polarity symbol marking on body
- **Mounting Position** : Any
- **Weight** : 0.003 ounce, 0.092 grams

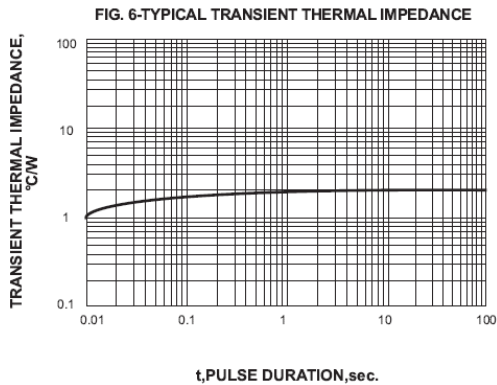
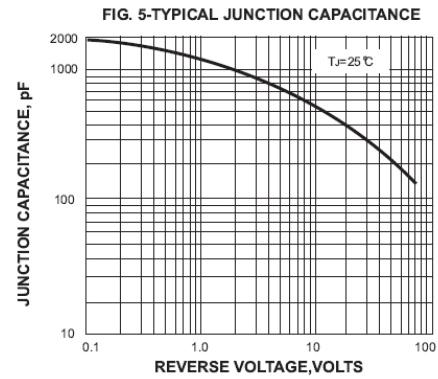
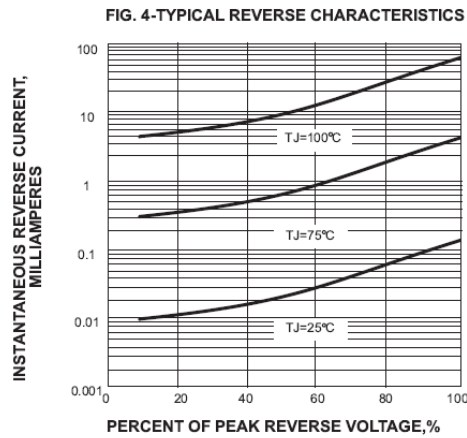
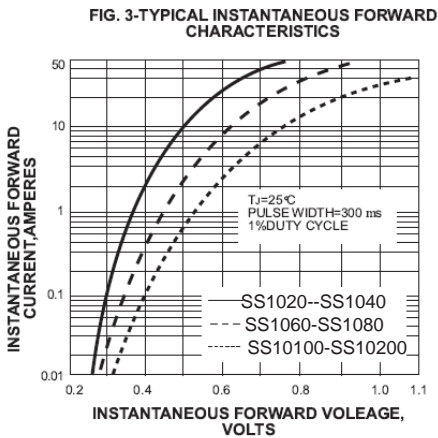
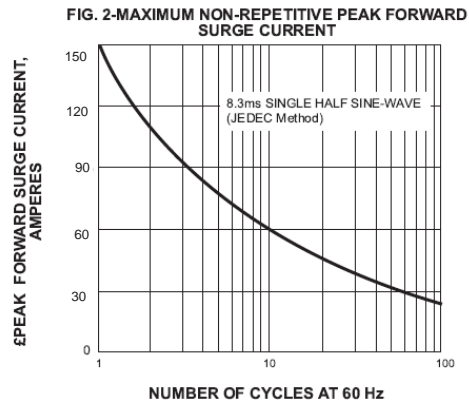
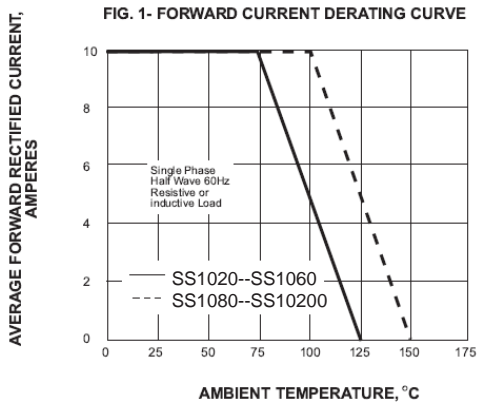
**Maximum Ratings And Electrical Characteristics**

- Ratings at 25°C ambient temperature unless otherwise specified. Single phase half-wave 60Hz,resistive or inductive load, for capacitive load current derate by 20%.

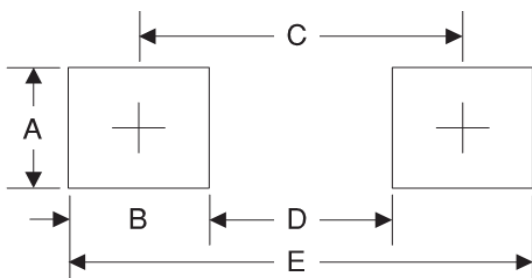
Parameter	SYMBOLS	SS1020	SS1040	SS1060	SS1080	SS10100	SS10150	SS10200	UNITS
Maximum repetitive peak reverse voltage	V <sub>RRM</sub>	20	40	60	80	100	150	200	V
Maximum RMS voltage	V <sub>RMS</sub>	14	28	42	56	70	105	140	V
Maximum DC blocking voltage	V <sub>DC</sub>	20	40	60	80	100	150	200	V
Maximum average forward rectified current at T <sub>L</sub> =100°C	I <sub>(AV)</sub>	10.0							A
Peak forward surge current, 8.3ms single half sine-wave superimposed on rated load	I <sub>FSM</sub>	150.0							A
Maximum instantaneous forward voltage at 10.0A	V <sub>F</sub>	0.55	0.70	0.85	0.95				V
Maximum DC reverse current at rated DC blocking voltage T <sub>A</sub> =25°C T <sub>A</sub> =125°C	I <sub>R</sub>	0.5 50			0.05 10			mA	
Typical thermal resistance	R <sub>qJA</sub>	50.0							°C/W
Operating junction temperature range	T <sub>J</sub>	-55 to +150			-55 to +175				°C
Storage temperature range	T <sub>STG</sub>	-55 to +175							°C



Ratings And Characteristic Curves



Suggested Pad Layout



Symbol	Unit (mm)	Unit (inch)
A	3.30	0.130
B	2.50	0.098
C	6.80	0.268
D	4.40	0.173
E	9.40	0.370

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Schottky Diodes & Rectifiers](#) category:*

*Click to view products by [ShunYe](#) manufacturer:*

Other Similar products are found below :

[MA4E2039](#) [MA4E2508M-1112](#) [MBR0530L-TP](#) [MBR10100CT-BP](#) [MBR1545CT](#) [MMBD301M3T5G](#) [RB160M-50TR](#)

[BAS16E6433HTMA1](#) [BAS 3010S-02LRH E6327](#) [BAT 54-02LRH E6327](#) [IDL02G65C5XUMA1](#) [NSR05F40QNXT5G](#) [NSVR05F40NXT5G](#)

[NTE555](#) [JANS1N6640](#) [SB07-03C-TB-H](#) [SB1003M3-TL-W](#) [SBM30-03-TR-E](#) [SBS818-TL-E](#) [SK310-T](#) [SK33A-TP](#) [SK34B-TP](#) [SS3003CH-](#)

[TL-E](#) [PDS3100Q-7](#) [GA01SHT18](#) [CRS10I30A\(TE85L,QM](#) [MA4E2501L-1290](#) [MBRA140TRPBF](#) [MBRB30H30CT-1G](#) [JANTX1N5712-1](#)

[SB007-03C-TB-E](#) [SK33B-TP](#) [SK35A-TP](#) [SK38B-LTP](#) [NTE505](#) [NTSB30U100CT-1G](#) [VS-6CWQ10FNHM3](#) [CRG04\(T5L,TEMQ\)](#)

[ACDBA1100LR-HF](#) [ACDBA1200-HF](#) [ACDBA240-HF](#) [ACDBA3100-HF](#) [CDBQC0530L-HF](#) [ACDBA260LR-HF](#) [ACDBA1100-HF](#)

[MA4E2502L-1246](#) [10BQ015-M3/5BT](#) [10BQ060-M3/5BT](#) [NRVB130LSFT1G](#) [CRS08TE85LQM](#)