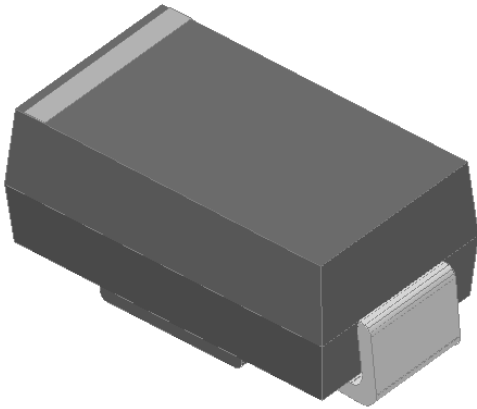


- Low profile package
- Ideal for automated placement
- Glass passivated chip junction
- High forward surge capability
- Meets MSL level 1, per J-STD-020, LF maximum peak of 260 °C

For use in general purpose rectification of power supplies, inverters, converters, and freewheeling diodes for consumer and telecommunication.

- : DO-214AC (SMA)
Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free
- : Tin plated leads, solderable per J-STD-002 and JESD22-B102
- Cathode line denotes the cathode end

■ (Ta=25 Unless otherwise specified)

|--|--|--|--|

Device markA

1.0

Forward Surge Current (Non-repetitive) @60Hz Half-sine wave, 1 cycle, Tj=25	I _{FSM}	A	30
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25			60
Current squared time @1ms≤t≤8.3ms Tj=25	I ² t	A ² s	3.735
Storage temperature	T _{stg}		-55 ~ +150
Junction temperature	T _j		-55 ~ +150

■ Ta=25 Unless otherwise specified

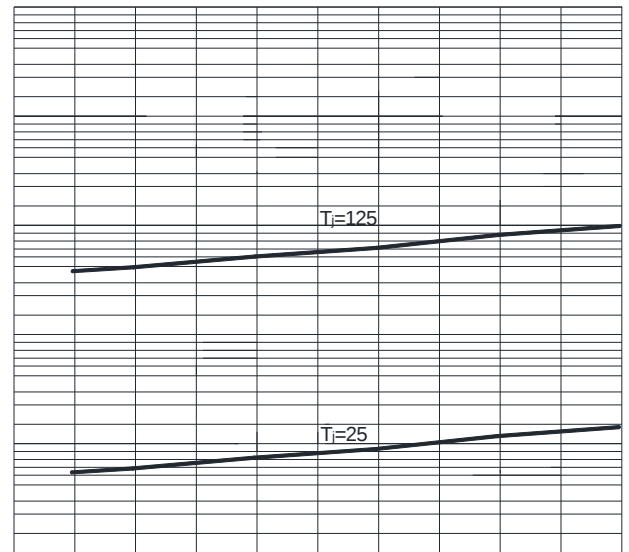
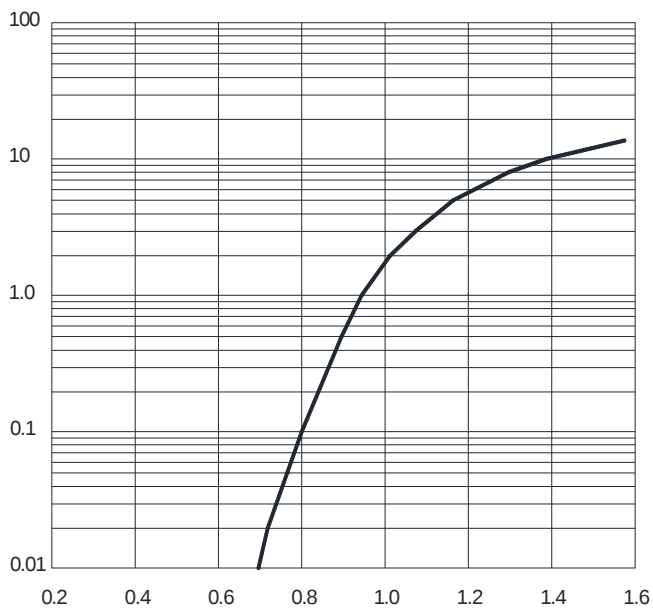
Maximum instantaneous forward voltage	V _F	V	I _{FM} =1.0A	1.1
Maximum DC reverse current at rated DC blocking voltage	I _R	μA	T _j =25	5
			T _j =125	100
Typical junction capacitance	C _j	pF	Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	8



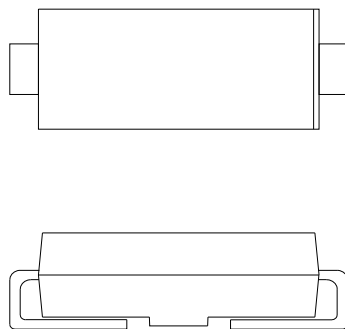
■

T_a=25 Unless otherwise specified

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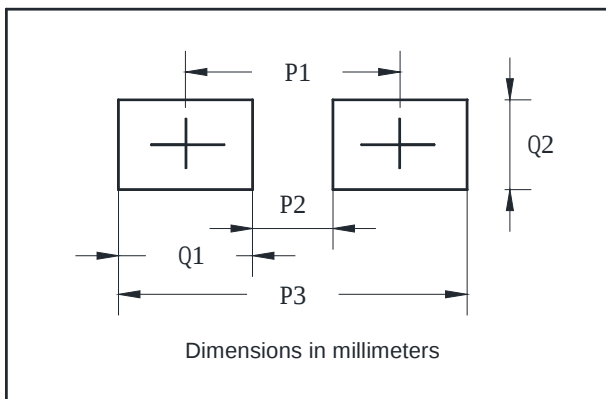


DO-214AC(SMA)



Dimensions in millimeters

Dim	Min	Max
A	1.25	1.58
B	2.40	2.83
C	4.00	4.75
D	1.90	2.30
E	4.93	5.28
F	0.76	1.41
G	0.05	0.20
H	0.15	0.31
I	1.70	2.10



Dimensions in millimeters

Dim	Millimeters
P1	4.00
P2	1.50
P3	6.50
Q1	2.50
Q2	1.70

