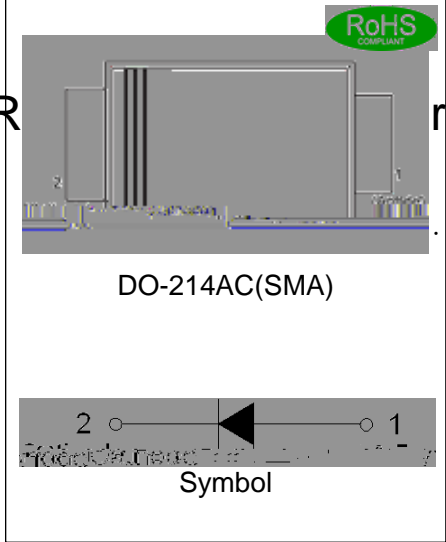


—Plastic package has under laboratory conditions flameability classification V-0

For surface mounted applications in order to optimize board

Glass passivated chip junction

Lead free in compliance with EU RoHS



DO-214AC(SMA)

Symbol

MECHANICAL DATA

Case: JEDEC DO-214AC molded plastic

Terminals: Solder plated, solderable per J-STD-002

Polarity: Color band denotes cathode end

Weight: 0.0673 gram

ABSOLUTE MAXIMUM RATING AND ELECTRICAL CHARACTERISTICS

(Rating at 25 °C ambient temperature unless otherwise specified.)

Parameter	Symbol	GS2AA	GS2BA	GS2DA	GS2GA	GS2JA	GS2KA	GS2MA	Unit
Maximum repetitive peak reverse voltage	V_{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS voltage	V_{RMS}	35	70	140	280	420	560	700	V
Maximum DC blocking voltage	V_{DC}	50	100	200	400	600	800	1000	V
Maximum average forward current at $T_L=110$	$I_{F(AV)}$	2.0							A
Peak forward surge current: 8.3ms single half sine-wave superimposed on rated load	I_{FSM}	60							A
Maximum forward voltage @ $I_F=2.0A$	V_F	1.1							V
Maximum DC reverse current at rated DC blocking voltage	$T_j=25$	5.0							A
	$T_j=150$								
Typical junction capacitance $V_R=4.0V, f=1MHz$	C_J	15							pF
Operating junction and storage temperature range	T_j, T_{stg}	-55 to +150							

TAPE AND REEL SPECIFICATION-SMA

