

Features

We declare that the material of product compliance with RoHS requirements and Halogen Free.

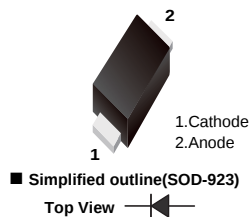
S- prefix for automotive and other applications requiring unique site and control change requirements; AEC-Q101 qualified and PPAP capable.

Low current rectification

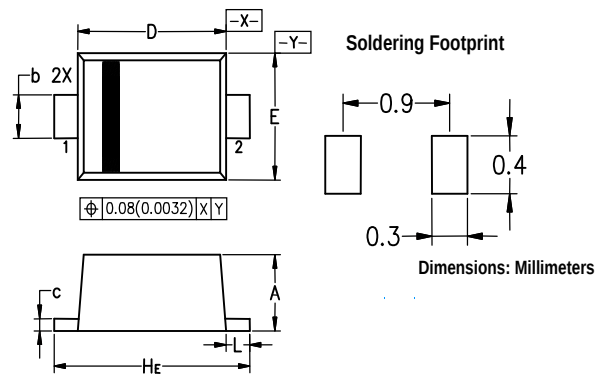
Low VF

High reliability.

Silicon epitaxial planar



SOD-923



Dim	Millimeters			Inches		
	Min	Nom	Max	Min	Nom	Max
A	0.36	0.40	0.43	0.014	0.016	0.017
b	0.15	0.20	0.25	0.006	0.008	0.010
c	0.07	0.12	0.17	0.003	0.005	0.007
D	0.75	0.80	0.85	0.030	0.031	0.033
E	0.55	0.60	0.65	0.022	0.024	0.026
H _E	0.95	1.00	1.05	0.037	0.039	0.041
L	0.05	0.10	0.15	0.002	0.004	0.006

Dimensions in inches and (millimeters)

Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	Limits	Unit
DC reverse voltage	VR	30	V
Average rectified forward current	IO	100	mA
Forward current surge peak(60Hz · 1cyc)	IFSM	500	mA
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-40~+125	°C

RB521CS-30

Electrical Characteristics Ta = 25°C

Characteristic	Symbol	Min.	Typ.	Max.	Unit
Forward voltage (IF =10mA)	VF	-	-	0.35	V
(IF =20mA)		-	-	0.4	
Reverse current (VR =10V)	IR	-	-	10	μA

RATING AND VCHARACTERISTIC CURVES(RB521CS-30)

