Plastic-Encapsulate Transistors

TRANSISTOR (NPN)

FEATURES

- Complementary to S9015W
- Small Surface Mount Package

MAXIMUM RATINGS (Ta=25 unless otherwise noted)

Symbol	Parameter	Value	Unit
V_{CBO}	Collector-Base Voltage	50	V
V_{CEO}	Collector-Emitter Voltage	45	V
V_{EBO}	Emitter-Base Voltage	5	V
I_C	Collector Current	100	mA
P_C	Collector Power Dissipation	200	mW
$R_{\Theta JA}$	Thermal Resistance From Junction To Ambient	625	/W
T_j	Junction Temperature	150	

ELECTRICAL CHARACTERISTICS (Ta=25 unless otherwise specified)

CLASSIFICATION OF h_{FE}

	S9014W-L	S9014W-H

Ordering information

Package	Packing Description	Base Quantity	Packing Quantity
SOT-323	Tape/Reel,7”reel	3000pcs/Reel	24000PCS/Box 120000PCS/Carton

Package Dimensions nt

SOT-323

Dim.	Millimeter (mm)		mil	
	Min.	Max.	Min.	Max.
A	0.8	1.1	32	43
A1	0.1		4	
bp	0.3	0.4	12	16
C	0.10	0.25	4	10

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