

MMBD4148 /SE/CC/CA SWITCHING DIODE

● FEATURES

Power dissipation

$$P_D : 350 \text{ mW (T}_{amb}=25^{\circ}\text{C)}$$

Forward Current

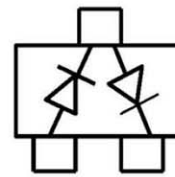
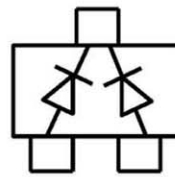
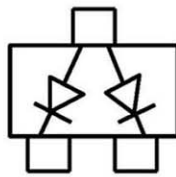
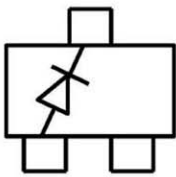
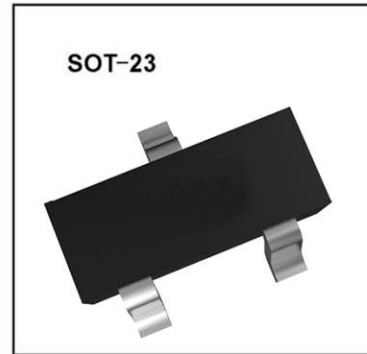
$$I_F : 200 \text{ mA}$$

Reverse Voltage

$$V_R : 100 \text{ V (I}_R=100 \mu\text{A)}$$

Operating and storage junction temperature range

$$T_J, T_{stg}: -55^{\circ}\text{C to } +150$$



MMBD4148 Marking:5H

MMBD4148CA Marking:D6

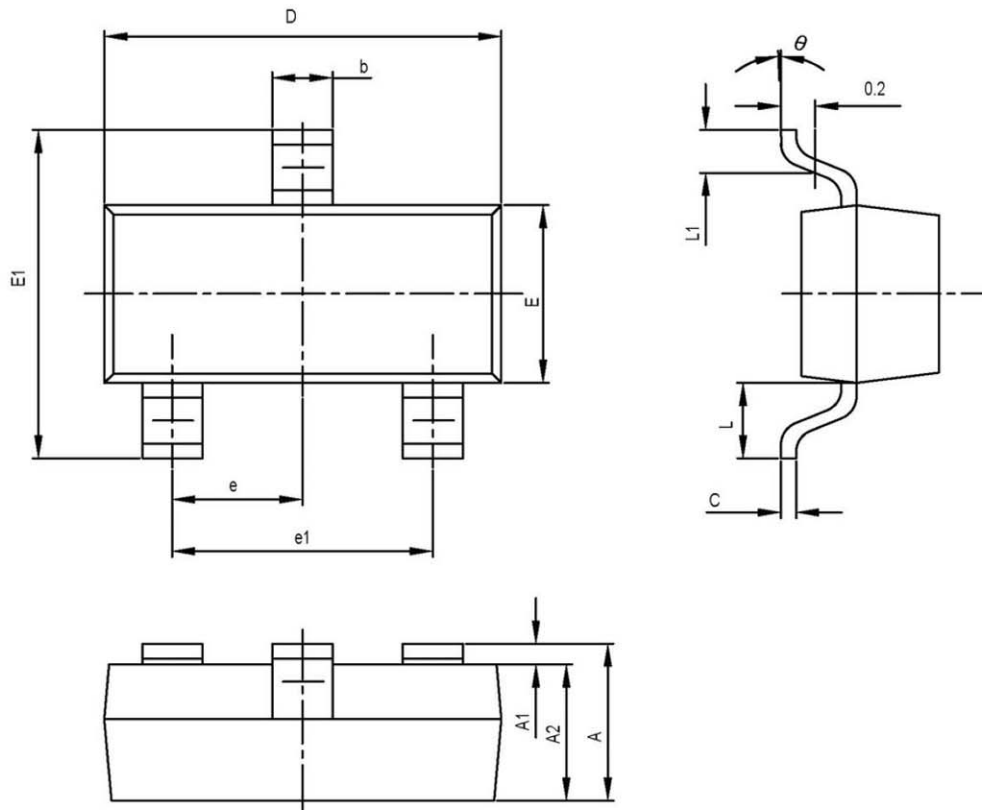
MMBD4148CC Marking:D5

MMBD4148SE Marking:D4

● ELECTRICAL CHARACTERISTICS (T_{amb}=25°C unless otherwise specified)

Parameter	Symbol	Test conditions	MIN	MAX	UNIT
Reverse breakdown voltage	V _(BR)	I _R =100 μA	100		V
		I _R =5 μA	75		
Reverse voltage leakage current	I _R	V _R =25V		25	nA
		V _R =75V		5	μA
Forward voltage	V _F	I _F =10mA		1	V
Diode capacitance	C _D	V _R =0 f=1MHz		4	pF
Reverse recovery time	t _{rr}	I _F =10mA V _R =6V I _{RR} =1.0mA R _L =100 Ω		4	ns

SOT-23 PACKAGE OUTLINE DIMENSIONS



Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min	Max	Min	Max
A	0.900	1.100	0.035	0.043
A1	0.000	0.100	0.000	0.004
A2	0.900	1.000	0.035	0.039
b	0.300	0.500	0.012	0.020
c	0.080	0.150	0.003	0.006
D	2.800	3.000	0.110	0.118
E	1.200	1.400	0.047	0.055
E1	2.250	2.550	0.089	0.100
e	0.950TPY		0.037TPY	
e1	1.800	2.000	0.071	0.079
L	0.550REF		0.022REF	
L1	0.300	0.500	0.012	0.020
θ	0°	8°	0°	8°

单击下面可查看定价，库存，交付和生命周期等信息

[>>SHIKUES\(时科\)](#)