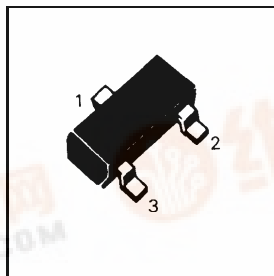
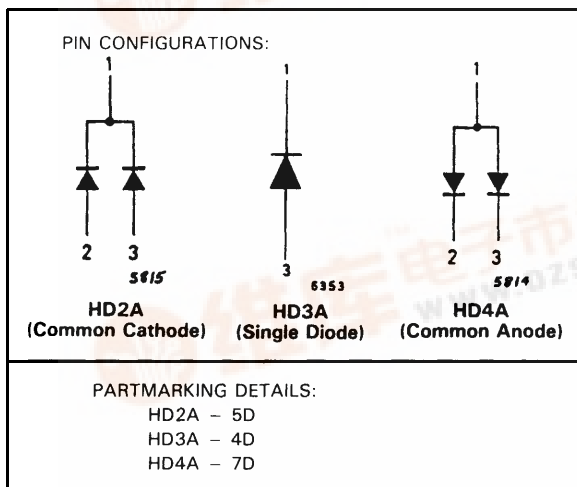


SOT23 SILICON PLANAR HIGH SPEED SWITCHING DIODES

查询HD2A供应商

捷多邦, 专业PCB打样

24小时加急出货



ABSOLUTE MAXIMUM RATINGS

PARAMETER	SYMBOL	VALUE	UNIT
Continuous Reverse Voltage	V_R	75	V
Forward Current	I_F	100	mA
Power Dissipation at $T_{amb} = 25^\circ\text{C}$	P_{TOT}	330	mW
Operating and Storage Temperature Range	$t_j:tstg$	-55 to +150	$^\circ\text{C}$

ELECTRICAL CHARACTERISTICS (at $T_j = 25^\circ\text{C}$ unless otherwise stated)

PARAMETER	SYMBOL	MIN.	MAX.	UNIT	CONDITIONS
Breakdown Voltage	V_{BR}	85		V	$I_L = 100\mu\text{A}$
Forward Voltage	V_F	0.5	0.715 1.0	V	$I_F = 1\text{ mA}$ $I_F = 10\text{ mA}$
Reverse Current	I_R		1.0 60	μA μA	$V_R = 75\text{ V}$ $V_R = 75\text{ V}, T_J = 125^\circ\text{C}$
Total Capacitance	C_T		4	pF	$V_R = 0, f = 1\text{ MHz}$
Reverse Recovery Time	t_{rr}		Typ. 6	ns	$I_F = 10\text{ mA}, I_R = 10\text{ mA}$ $I_{R1} = 1\text{ mA}$