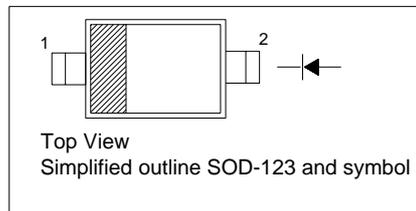


1N5817WB-1N5819WB

1.0A SURFACE MOUNT SCHOTTKY BARRIER DIODE

PINNING

PIN	DESCRIPTION
1	Cathode
2	Anode



Marking:

1N5817WB Marking Code: A0

1N5818WB Marking Code: ME

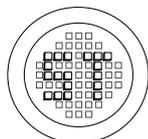
1N5819WB Marking Code: SR

Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

	Symbol	Value	Unit
DC Reverse Voltage	V_R	20	V
1N5817WB		30	
1N5818WB		40	
1N5819WB			
Average Rectified Output Current	I_O	1.0	A
Power Dissipation	P_{tot}	450	mW
Operating Temperature Range	T_j	-55 to +150	$^\circ\text{C}$
Storage Temperature Range	T_S	-55 to +150	$^\circ\text{C}$

Characteristics at $T_a = 25^\circ\text{C}$

Parameter	Symbol	Min.	Typ.	Max.	Unit
Reverse Breakdown Voltage at $I_R=1\text{mA}$	V_{BR}	20	-	-	V
1N5817WB		30	-	-	
1N5818WB		40	-	-	
Reverse Voltage Leakage Current at $V_R=20\text{V}$	I_R	-	-	1	mA
1N5817WB		-	-	1	
at $V_R=30\text{V}$		-	-	1	
1N5818WB		-	-	0.05	
at $V_R=40\text{V}$		-	-	0.075	
Forward Voltage at $I_F=0.1\text{A}$	V_F	-	-	0.45	V
1N5819WB		-	-	0.45	
at $I_F=1\text{A}$		-	-	0.55	
1N5817WB		-	-	0.6	
1N5818WB		-	-	0.75	
1N5819WB		-	-	0.875	
Diode Capacitance at $V_R=4\text{V}$, $f=1\text{MHz}$	C_D	-	-	120	pF



®

РАДИОТЕХ-ТРЕЙД

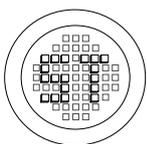
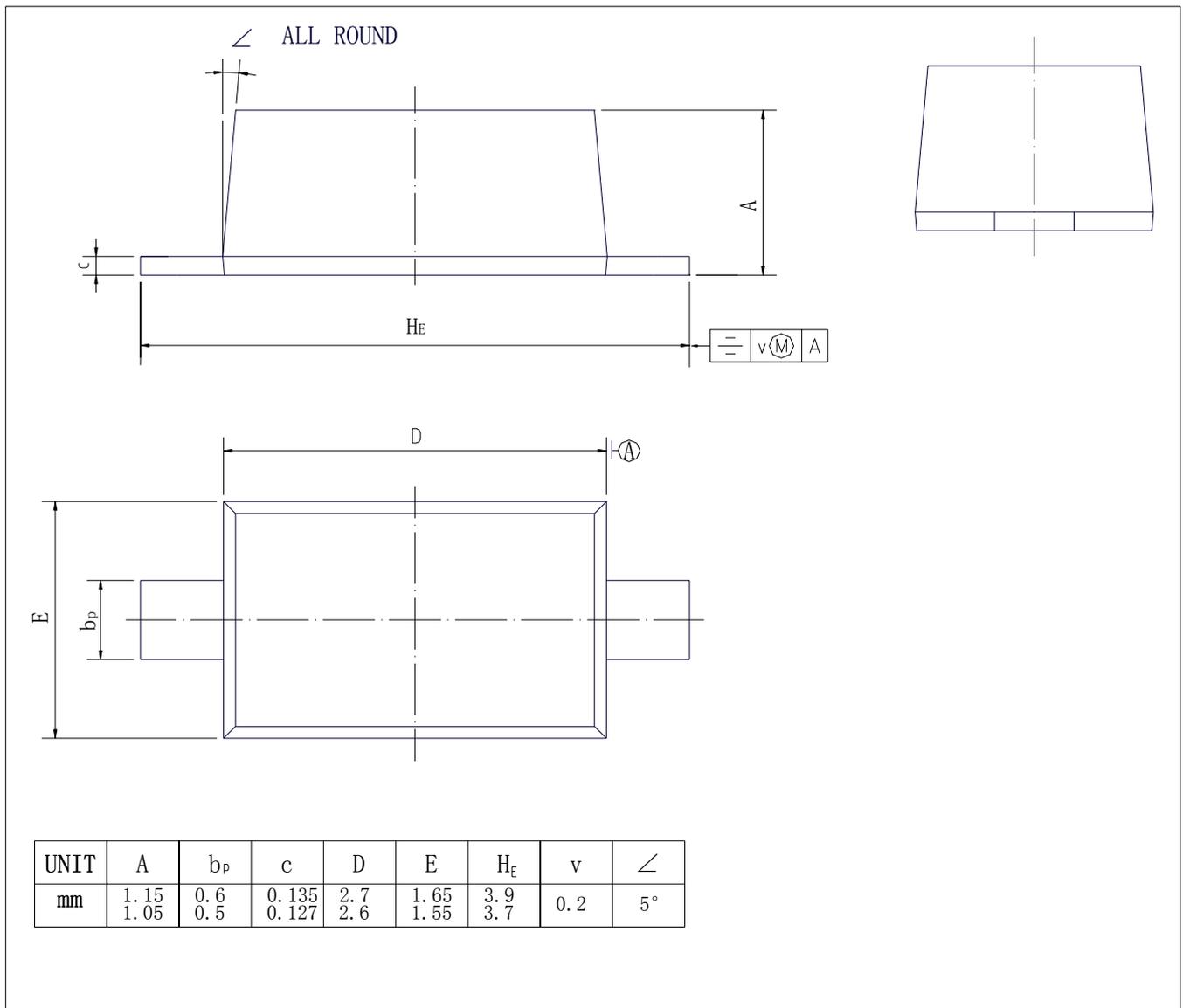
Тел.: (495) 795-0805
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Веб: www.rct.ru

1N5817WB-1N5819WB

PACKAGE OUTLINE

Plastic surface mounted package; 2 leads

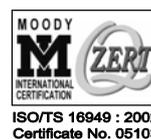
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Dated : 14/10/2005