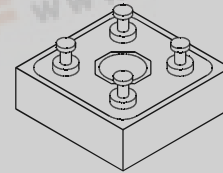


200 V - 1,000 V Single Phase Bridge

4.5 A - 5.0 A Forward Current

70 ns - 3000 ns Recovery Time

1302 - 1310
1302F - 1310F
1302UF - 1310UF

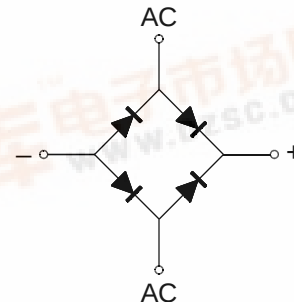
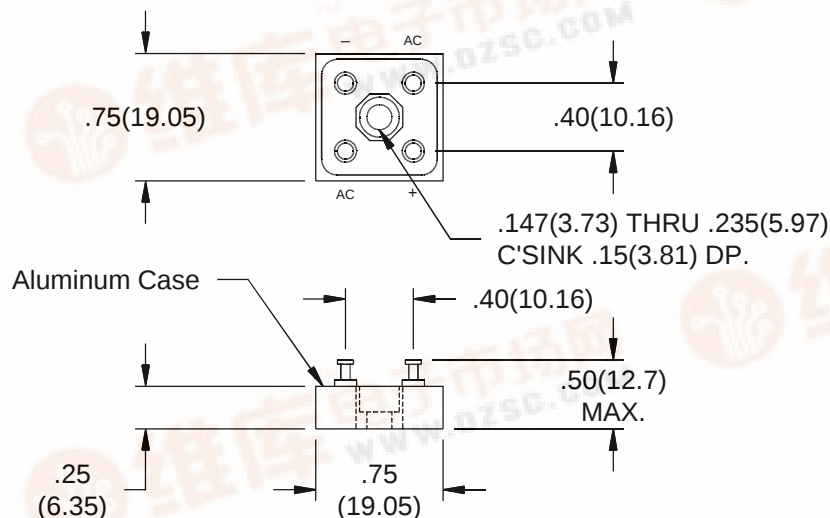


ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{rw})	Average Rectified Current @TC (I _o)		Reverse Current @ V _{rw} (I _r)		Forward Voltage (V _f)		1 Cycle Surge Current tp=8.3ms (I _{fsm})	Repetitive Surge Current (I _{frm})	Reverse Recovery Time (1) (T _{rr})	Thermal Impd. θ _{J-C}
		55°C	100°C	25°C	100°C	25°C	25°C	25°C	25°C	25°C	°C/W
	Volts	Amps	Amps	μA	μA	Volts	Amps	Amps	Amps	ns	
1302	200	5.0	3.5	1.0	25	1.3	3.0	40	10	3000	5.0
1306	600	5.0	3.5	1.0	25	1.3	3.0	40	10	3000	5.0
1310	1000	5.0	3.5	1.0	25	1.3	3.0	40	10	3000	5.0
1302F	200	5.0	3.5	1.0	25	1.6	3.0	25	6	150	5.0
1306F	600	5.0	3.5	1.0	25	1.6	3.0	25	6	250	5.0
1310F	1000	5.0	3.5	1.0	25	1.6	3.0	25	6	500	5.0
1302UF	200	4.5	3.0	1.0	25	2.0	3.0	25	5	70	5.0
1306UF	600	4.5	3.0	1.0	25	2.0	3.0	25	5	70	5.0
1310UF	1000	4.5	3.0	1.0	25	2.0	3.0	25	5	70	5.0

(1)Trr Testing: If=0.5A, Ir=1.0A, Irr=0.25A *Op. Temp. & Stg. Temp. = -55°C to +150°C Isolation Voltage: 1500V

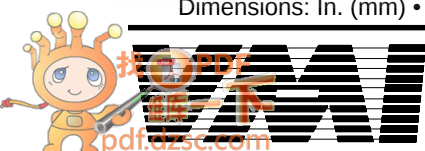
10



Dimensions: In. (mm) • All temperatures are ambient unless otherwise noted. • Data subject to change without notice.

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1302 - 1310 • 1302F - 1310F • 1302UF - 1310UF

