

SINGLE PHASE FULL WAVE BRIDGES

70ns-3000ns Recovery • 22.0A - 25.0A

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 t _p =8.3ms (I _{fsm})	Repetitive Surge Current (I _{frm})	Reverse Recovery Time (1) (T _{rr})	Thermal Impedance (J-C)
		55°C	100°C	25°C	100°C	25°C	25°C	25°C	25°C	25°C	25°C
		Volts	Amps	Amps	μA	μA	Volts	Amps	Amps	Amps	ns
1502	200	25.0	18.0	2.0	50	1.1	3.0	150	25	3000	2.0
1506	600	25.0	18.0	2.0	50	1.1	3.0	150	25	3000	2.0
1510	1000	25.0	18.0	2.0	50	1.1	3.0	150	25	3000	2.0
1502F	200	25.0	18.0	2.0	50	1.2	3.0	150	25	150	2.0
1506F	600	25.0	18.0	2.0	50	1.5	3.0	150	25	150	2.0
1510F	1000	25.0	18.0	2.0	50	1.5	3.0	150	25	150	2.0
1502UF	200	22.0	13.0	2.0	50	1.7	3.0	150	25	70	2.0
1506UF	600	22.0	13.0	2.0	50	1.7	3.0	150	25	70	2.0
1510UF	1000	22.0	13.0	2.0	50	1.7	3.0	150	25	70	2.0

Notes:

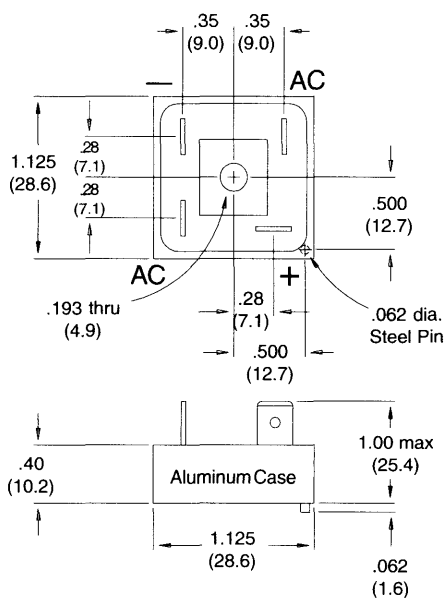
(1) T_{rr} measured on diodes prior to assembly. I_f=0.5A, I_r=1.0A, I_{rr}=0.25A

Operating and Storage Temperature -55°C to +150°C

Contact our Applications Engineering Department about other custom design options including:

- Other cases or configurations.
- Additional screening and processing. See HRP102.
- Assemblies with JANTX or JANTXV discrete diodes.

1500 SERIES



Terminal options:
 -A for quick disconnect
 -B for turret
 e.g. 1502-A

Tolerance: .XX ± .030
 .XXX ± .020

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



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