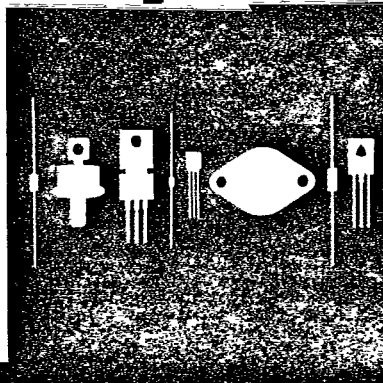


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145 Adams Avenue
Hauppauge, New York 11788



CBR1-L SERIES
CBR2-L SERIES

SILICON BRIDGE RECTIFIERS

CASE B

DESCRIPTION

The CENTRAL SEMICONDUCTOR CBR1-L, CBR2-L types are silicon single phase full wave Bridge Rectifiers designed for general purpose applications.

MAXIMUM RATINGS (T_A=50°C)

	SYMBOL	CBR1	CBR1	CBR1	CBR1	CBR1	CBR1	UNIT
		-L010	-L020	-L040	-L060	-L080	-L100	
Peak Repetitive Reverse Voltage	VRRM	100	200	400	600	800	1000	V
DC Blocking Voltage	VR	100	200	400	600	800	1000	V
RMS Reverse Voltage	VR(RMS)	70	140	280	420	560	700	V
Average Forward Current (CBR1-L)	I _O			1.5				A
Average Forward Current (CBR2-L)	I _O			2.0				A
Peak Forward Surge Current (CBR1-L)	I _{FSM}			50				A
Peak Forward Surge Current (CBR2-L)	I _{FSM}			60				A
Operating and Storage Junction Temperature	T _J , T _{stg}			-65 TO	+150			°C

ELECTRICAL CHARACTERISTICS (T_A=25°C)

SYMBOL	TEST CONDITIONS	MIN	MAX	UNIT
V _F (CBR1-L Series)	I _F =1.0A		1.0	V
V _F (CBR2-L Series)	I _F =2.0A		1.1	V
I _R	V _R =Rated VRRM		10	μA