

查询CMR2U-01供应商

CMR2U-01

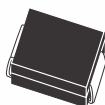
CMR2U-02

CMR2U-04

CMR2U-06



ULTRA FAST RECOVERY RECTIFIER
2.0 AMP, 100 THRU 600 VOLTS



SMB CASE

捷多邦 专业PCB打样工厂, 24小时加

Central
Semiconductor Corp.

急出货

FEATURES:

- LOW COST
- SPECIAL SELECTIONS AVAILABLE
- HIGH RELIABILITY
- SUPERIOR LOT TO LOT CONSISTENCY
- GLASS PASSIVATED CHIP
- "C" BEND CONSTRUCTION PROVIDES STRAIN RELIEF WHEN MOUNTED ON PC BOARD

DESCRIPTION:

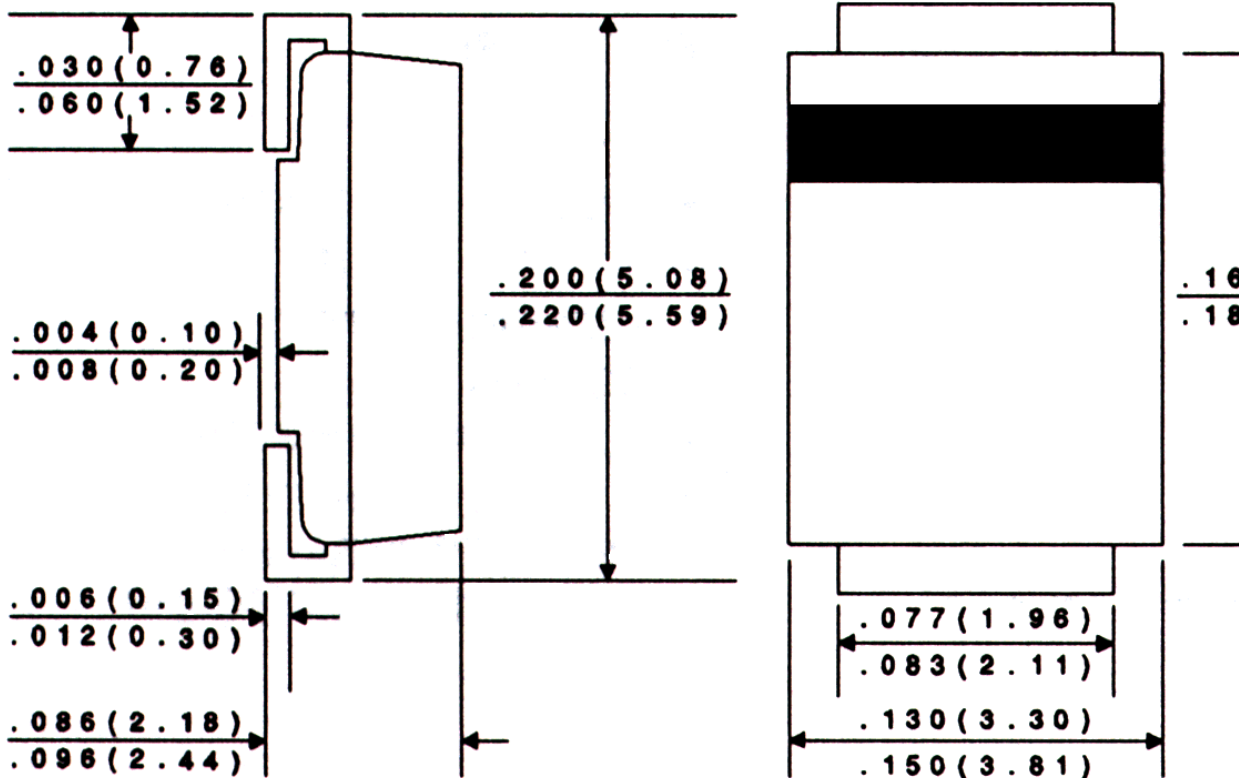
The CENTRAL SEMICONDUCTOR 2.0 Amp Surface Mount Silicon Ultra Fast Recovery Rectifier is a high quality, well constructed, highly reliable component designed for use in all types of commercial, industrial, entertainment, computer, and automotive applications. To order devices on 12mm Tape and Reel (3000/13" Reel), add TR13 suffix to part number.

MAXIMUM RATINGS: ($T_A=25^\circ\text{C}$ unless otherwise noted)

	SYMBOL	CMR2U-01	CMR2U-02	CMR2U-04	CMR2U-06	UNITS
Peak Repetitive Reverse Voltage	V_{RRM}	100	200	400	600	V
DC Blocking Voltage	V_R	100	200	400	600	V
RMS Reverse Voltage	$V_{R(RMS)}$	70	140	280	420	V
Average Forward Current ($T_A=50^\circ\text{C}$)	I_O		2.0			A
Peak Forward Surge Current (8.3ms)	I_{FSM}		50			A
Operating and Storage						
Junction Temperature	T_J, T_{stg}		-65 to +150			$^\circ\text{C}$
Thermal Resistance	Θ_{JL}		20			$^\circ\text{C/W}$

ELECTRICAL CHARACTERISTICS: ($T_A=25^\circ\text{C}$ unless otherwise noted)

SYMBOL	TEST CONDITIONS	MIN	TYP	MAX	UNITS
I_R	V_R =Rated V_{RRM}			10	μA
I_R	V_R =Rated V_{RRM} , $T_A=100^\circ\text{C}$			50	μA
V_F	$I_F=2.0\text{A}$, (CMR2U-01, CMR2U-02)			1.00	V
V_F	$I_F=2.0\text{A}$, (CMR2U-04)			1.25	V
V_F	$I_F=2.0\text{A}$, (CMR2U-06)			1.40	V
t_{rr}	$I_F=0.5\text{A}$, $I_R=1.0\text{A}$, Recover to 0.25A			50	ns
C_j	$V_R=-4.0\text{V}$, $f=1.0\text{MHz}$		50		pF



Marking Codes:

DEVICE	MARKING CODE
CMR2U-01	CU201
CMR2U-02	CU202
CMR2U-04	CU204
CMR2U-06	CU206