



專業用心。驅動創新

Professional & Devoted。Driving & Innovative

## About Us

Founded in 1985 and marketed with the brand name of CT, Compact Technology Corporation(CTC) has engaged mainly in the sales of miscellaneous rectifier diodes for over 25 years. Factory situated at Zibo City, Shandong, China and with employee number about 1,100 is equipped with sophisticated manufacturing facilities and capable of production of quality products in order to meet different customers' needs. Currently in Taipei, Shenzhen and Suzhou, CTC has established sales offices to provide services for the respective local markets.

In pursuit of excellence and competitiveness, continuous strengthening of employees' expertise has been the key activity in CTC. To focus on the AC-DC、DC-DC、DC-AC industries and offer a total solution for customers, CTC has also introduced the following brands and product lines for their markets, which include:

COSMO (Photo coupler), Orister (PWM- IC, LDO), Megawin ( Microcontroller), AUK(H.V.MOSFET,BJT), SEMIHOW(H.V. MOSFET), Niko-semi (L.V.MOSFET)

This integration has further created an added value to and enhanced the competitiveness of CTC. And customers' satisfaction and sustained growth will always be our foremost business goals.

公司成立於1985年，創立CT自有品牌，以各系列之Rectifier Diode為主力產品，從晶圓設計開發 > 封裝製造 > 成品測試 > 產品銷售，展現多元化的服務經營模式；工廠設立於山東省淄博市（員工計有1100人），目前銷售網點有台北-汐止、深圳、廣東、香港、蘇州、山東等多處。

本著追求品質卓越，盡顯企業菁華之精神，持續強化人員專業素質，提昇產品專業與服務品質競爭優勢，同時因應不同合作夥伴，以AC-DC、DC-DC、DC-AC等電源產業客戶採購，整合配套需求代理相應之產品：

 冠西(COSMO : Photo coupler ..) , **Orister**. 奧士特 ( Orister : PWM- IC , LDO ..)  
 笙泉科技 ( Megawin : Microcontroller) / **AUK** AUK(高壓MOSFET, BJT ..)  
 SEMIHOW(高壓MOSFET) / **NIKO-SEM** 尼克森 (Niko-semi 低壓MOSFET) ...等。

- 成立時間(Founded) : Nov. 24, 1985
- 總部(Headquarters) :  
(臺北)221新北市汐止區新台五路一段79號12樓之7  
Address : 12F-7, No.79, Sec. 1, Xintai 5th Rd.,  
Xizhi Distr., New Taipei City 221, Taiwan (R.O.C.)
- 註冊資金(Capital) : 1.2億臺幣 ( 120 Million NT)
- 員工人數(Employees) : 70人
- 工廠地址(Factory) : 山東省淄博市高新技術開發區張柳路中段  
Zuanqliu Rd., Zhangdian district, Zibo City, Shandong, China
- 員工人數(Employees) : 1100人



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## ■ General Purpose Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	uA	V	V	A	
<b>1A General Purpose Rectifiers ( Plastic Passivation Junction )</b>								
1A1	50	1.0	30	5	50	1.1	1.0	R-1
1A2	100	1.0	30	5	100	1.1	1.0	R-1
1A3	200	1.0	30	5	200	1.1	1.0	R-1
1A4	400	1.0	30	5	400	1.1	1.0	R-1
1A5	600	1.0	30	5	600	1.1	1.0	R-1
1A6	800	1.0	30	5	800	1.1	1.0	R-1
1A7	1000	1.0	30	5	1000	1.1	1.0	R-1
1N4001	50	1.0	30	5	50	1.1	1.0	DO-41
1N4002	100	1.0	30	5	100	1.1	1.0	DO-41
1N4003	200	1.0	30	5	200	1.1	1.0	DO-41
1N4004	400	1.0	30	5	400	1.1	1.0	DO-41
1N4005	600	1.0	30	5	600	1.1	1.0	DO-41
1N4006	800	1.0	30	5	800	1.1	1.0	DO-41
1N4007	1000	1.0	30	5	1000	1.1	1.0	DO-41
1N4001D	50	1.0	30	5	50	1.1	1.0	DO-41
1N4002D	100	1.0	30	5	100	1.1	1.0	DO-41
1N4003D	200	1.0	30	5	200	1.1	1.0	DO-41
1N4004D	400	1.0	30	5	400	1.1	1.0	DO-41
1N4005D	600	1.0	30	5	600	1.1	1.0	DO-41
1N4006D	800	1.0	30	5	800	1.1	1.0	DO-41
1N4007D	1000	1.0	30	5	1000	1.1	1.0	DO-41
1N4001S	50	1.0	30	5	50	1.1	1.0	A-405
1N4002S	100	1.0	30	5	100	1.1	1.0	A-405
1N4003S	200	1.0	30	5	200	1.1	1.0	A-405
1N4004S	400	1.0	30	5	400	1.1	1.0	A-405
1N4005S	600	1.0	30	5	600	1.1	1.0	A-405
1N4006S	800	1.0	30	5	800	1.1	1.0	A-405
1N4007S	1000	1.0	30	5	1000	1.1	1.0	A-405

## ■ General Purpose Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	uA	V	V	A	
<b>1A General Purpose Rectifiers ( Plastic Passivation Junction )--continued</b>								
M1	50	1.0	30	5	50	1.1	1.0	SMAE
M2	100	1.0	30	5	100	1.1	1.0	SMAE
M3	200	1.0	30	5	200	1.1	1.0	SMAE
M4	400	1.0	30	5	400	1.1	1.0	SMAE
M5	600	1.0	30	5	600	1.1	1.0	SMAE
M6	800	1.0	30	5	800	1.1	1.0	SMAE
M7	1000	1.0	30	5	1000	1.1	1.0	SMAE
<b>1A General Purpose Rectifiers (Glass Passivation Junction )</b>								
1N4001G	50	1.0	30	5	50	1.1	1.0	DO-41
1N4002G	100	1.0	30	5	100	1.1	1.0	DO-41
1N4003G	200	1.0	30	5	200	1.1	1.0	DO-41
1N4004G	400	1.0	30	5	400	1.1	1.0	DO-41
1N4005G	600	1.0	30	5	600	1.1	1.0	DO-41
1N4006G	800	1.0	30	5	800	1.1	1.0	DO-41
1N4007G	1000	1.0	30	5	1000	1.1	1.0	DO-41
S1A	50	1.0	30	5	50	1.1	1.0	SMA
S1B	100	1.0	30	5	100	1.1	1.0	SMA
S1D	200	1.0	30	5	200	1.1	1.0	SMA
S1G	400	1.0	30	5	400	1.1	1.0	SMA
S1J	600	1.0	30	5	600	1.1	1.0	SMA
S1K	800	1.0	30	5	800	1.1	1.0	SMA
S1M	1000	1.0	30	5	1000	1.1	1.0	SMA

## General Purpose Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	uA	V	V	A	
<b>1.5 A General Purpose Rectifiers ( Plastic Passivation Junction )</b>								
1N5391	50	1.5	35	5	50	1.1	1.5	DO-41
1N5392	100	1.5	35	5	100	1.1	1.5	DO-41
1N5393	200	1.5	35	5	200	1.1	1.5	DO-41
1N5394	300	1.5	35	5	300	1.1	1.5	DO-41
1N5395	400	1.5	35	5	400	1.1	1.5	DO-41
1N5396	500	1.5	35	5	500	1.1	1.5	DO-41
1N5397	600	1.5	35	5	600	1.1	1.5	DO-41
1N5398	800	1.5	35	5	800	1.1	1.5	DO-41
1N5399	1000	1.5	35	5	1000	1.1	1.5	DO-41
1N5391	50	1.5	50	5	50	1.1	1.5	DO-15
1N5392	100	1.5	50	5	100	1.1	1.5	DO-15
1N5393	200	1.5	50	5	200	1.1	1.5	DO-15
1N5394	300	1.5	50	5	300	1.1	1.5	DO-15
1N5395	400	1.5	50	5	400	1.1	1.5	DO-15
1N5396	500	1.5	50	5	500	1.1	1.5	DO-15
1N5397	600	1.5	50	5	600	1.1	1.5	DO-15
1N5398	800	1.5	50	5	800	1.1	1.5	DO-15
1N5399	1000	1.5	50	5	1000	1.1	1.5	DO-15

## ■ General Purpose Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max.Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	uA	V	V	A	
<b>2A General Purpose Rectifiers ( Plastic Passivation Junction )</b>								
CT2A01	50	2.0	60	5	50	1.1	2.0	DO-15
CT2A02	100	2.0	60	5	100	1.1	2.0	DO-15
CT2A03	200	2.0	60	5	200	1.1	2.0	DO-15
CT2A04	400	2.0	60	5	400	1.1	2.0	DO-15
CT2A05	600	2.0	60	5	600	1.1	2.0	DO-15
CT2A06	800	2.0	60	5	800	1.1	2.0	DO-15
CT2A07	1000	2.0	60	5	1000	1.1	2.0	DO-15
S2A	50	2.0	60	5	50	1.1	2.0	HSMB
S2B	100	2.0	60	5	100	1.1	2.0	HSMB
S2D	200	2.0	60	5	200	1.1	2.0	HSMB
S2G	400	2.0	60	5	400	1.1	2.0	HSMB
S2J	600	2.0	60	5	600	1.1	2.0	HSMB
S2K	800	2.0	60	5	800	1.1	2.0	HSMB
S2M	1000	2.0	60	5	1000	1.1	2.0	HSMB
<b>2A General Purpose Rectifiers ( Glass Passivation Junction )</b>								
CT2A01G	50	2.0	60	5	50	1.1	2.0	DO-15
CT2A02G	100	2.0	60	5	100	1.1	2.0	DO-15
CT2A03G	200	2.0	60	5	200	1.1	2.0	DO-15
CT2A04G	400	2.0	60	5	400	1.1	2.0	DO-15
CT2A05G	600	2.0	60	5	600	1.1	2.0	DO-15
CT2A06G	800	2.0	60	5	800	1.1	2.0	DO-15
CT2A07G	1000	2.0	60	5	1000	1.1	2.0	DO-15
GS2A	50	2.0	60	5	50	1.1	2.0	SMB
GS2B	100	2.0	60	5	100	1.1	2.0	SMB
GS2D	200	2.0	60	5	200	1.1	2.0	SMB
GS2G	400	2.0	60	5	400	1.1	2.0	SMB
GS2J	600	2.0	60	5	600	1.1	2.0	SMB
GS2K	800	2.0	60	5	800	1.1	2.0	SMB
GS2M	1000	2.0	60	5	1000	1.1	2.0	SMB



## General Purpose Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	uA	V	V	A	
<b>3A General Purpose Rectifiers ( Plastic Passivation Junction )</b>								
1N5400	50	3.0	200	5	50	1.1	3.0	DO-201AD
1N5401	100	3.0	200	5	100	1.1	3.0	DO-201AD
1N5402	200	3.0	200	5	200	1.1	3.0	DO-201AD
1N5403	300	3.0	200	5	300	1.1	3.0	DO-201AD
1N5404	400	3.0	200	5	400	1.1	3.0	DO-201AD
1N5405	500	3.0	200	5	500	1.1	3.0	DO-201AD
1N5406	600	3.0	200	5	600	1.1	3.0	DO-201AD
1N5407	800	3.0	200	5	800	1.1	3.0	DO-201AD
1N5408	1000	3.0	200	5	1000	1.1	3.0	DO-201AD
<b>3A General Purpose Rectifiers ( Glass Passivation Junction )</b>								
1N5400G	50	3.0	150	5	50	1.1	3.0	DO-201AD
1N5401G	100	3.0	150	5	100	1.1	3.0	DO-201AD
1N5402G	200	3.0	150	5	200	1.1	3.0	DO-201AD
1N5403G	300	3.0	150	5	300	1.1	3.0	DO-201AD
1N5404G	400	3.0	150	5	400	1.1	3.0	DO-201AD
1N5405G	500	3.0	150	5	500	1.1	3.0	DO-201AD
1N5406G	600	3.0	150	5	600	1.1	3.0	DO-201AD
1N5407G	800	3.0	150	5	800	1.1	3.0	DO-201AD
1N5408G	1000	3.0	150	5	1000	1.1	3.0	DO-201AD
<b>4A General Purpose Rectifiers (Plastic Passivation Junction )</b>								
CT4A01	50	4.0	210	10	50	1.1	4.0	DO-201AD
CT4A02	100	4.0	210	10	100	1.1	4.0	DO-201AD
CT4A03	200	4.0	210	10	200	1.1	4.0	DO-201AD
CT4A04	400	4.0	210	10	400	1.1	4.0	DO-201AD
CT4A05	600	4.0	210	10	600	1.1	4.0	DO-201AD
CT4A06	800	4.0	210	10	800	1.1	4.0	DO-201AD
CT4A07	1000	4.0	210	10	1000	1.1	4.0	DO-201AD

## ■ General Purpose Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	uA	V	V	A	
<b>6A General Purpose Rectifiers ( Plastic Passivation Junction )</b>								
CT6A01	50	6.0	300	10	50	1.1	6.0	R-6
CT6A02	100	6.0	300	10	100	1.1	6.0	R-6
CT6A03	200	6.0	300	10	200	1.1	6.0	R-6
CT6A04	400	6.0	300	10	400	1.1	6.0	R-6
CT6A05	600	6.0	300	10	600	1.1	6.0	R-6
CT6A06	800	6.0	300	10	800	1.1	6.0	R-6
CT6A07	1000	6.0	300	10	1000	1.1	6.0	R-6
<b>10A General Purpose Rectifiers ( Plastic Passivation Junction )</b>								
CT10A01	50	10.0	600	10	50	1.1	10.0	R-6
CT10A02	100	10.0	600	10	100	1.1	10.0	R-6
CT10A03	200	10.0	600	10	200	1.1	10.0	R-6
CT10A04	400	10.0	600	10	400	1.1	10.0	R-6
CT10A05	600	10.0	600	10	600	1.1	10.0	R-6
CT10A06	800	10.0	600	10	800	1.1	10.0	R-6
CT10A07	1000	10.0	600	10	1000	1.1	10.0	R-6

## Fast Recovery Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max.Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		TRR	Package
	VRRM			Io	IFSM	IR@VR	VF@IF		
	V	A	A	uA	V	V	A	nS	
<b>1.0 A Fast Recovery Rectifiers ( Plastic Passivation Junction )</b>									
1N4933	50	1.0	30	5	50	1.3	1.0	150	DO-41
1N4934	100	1.0	30	5	100	1.3	1.0	150	DO-41
1N4935	200	1.0	30	5	200	1.3	1.0	150	DO-41
1N4936	400	1.0	30	5	400	1.3	1.0	150	DO-41
1N4937	600	1.0	30	5	600	1.3	1.0	150	DO-41
1N4933S	50	1.0	30	5	50	1.3	1.0	150	A-405
1N4934S	100	1.0	30	5	100	1.3	1.0	150	A-405
1N4935S	200	1.0	30	5	200	1.3	1.0	150	A-405
1N4936S	400	1.0	30	5	400	1.3	1.0	150	A-405
1N4937S	600	1.0	30	5	600	1.3	1.0	150	A-405
FR101	50	1.0	30	5	50	1.3	1.0	150	DO-41
FR102	100	1.0	30	5	100	1.3	1.0	150	DO-41
FR103	200	1.0	30	5	200	1.3	1.0	150	DO-41
FR104	400	1.0	30	5	400	1.3	1.0	150	DO-41
FR105	600	1.0	30	5	600	1.3	1.0	250	DO-41
FR106	800	1.0	30	5	800	1.3	1.0	500	DO-41
FR107	1000	1.0	30	5	1000	1.3	1.0	500	DO-41
PR1001	50	1.0	30	5	50	1.3	1.0	150	DO-41
PR1002	100	1.0	30	5	100	1.3	1.0	150	DO-41
PR1003	200	1.0	30	5	200	1.3	1.0	150	DO-41
PR1004	400	1.0	30	5	400	1.3	1.0	150	DO-41
PR1005	600	1.0	30	5	600	1.3	1.0	250	DO-41
PR1006	800	1.0	30	5	800	1.3	1.0	500	DO-41
PR1007	1000	1.0	30	5	1000	1.3	1.0	500	DO-41
FS1A	50	1.0	30	5	50	1.3	1.0	150	SMAE
FS1B	100	1.0	30	5	100	1.3	1.0	150	SMAE
FS1D	200	1.0	30	5	200	1.3	1.0	150	SMAE
FS1G	400	1.0	30	5	400	1.3	1.0	150	SMAE
FS1J	600	1.0	30	5	600	1.3	1.0	250	SMAE
FS1K	800	1.0	30	5	800	1.3	1.0	500	SMAE
FS1M	1000	1.0	30	5	1000	1.3	1.0	500	SMAE

## Fast Recovery Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		TRR	Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF			
	V	A	A	uA	V	V	A		
<b>1.0 A Fast Recovery Rectifiers ( Glass Passivation Junction )</b>									
1F1G	50	1.0	25	5	50	1.3	1.0	150	R-1
1F2G	100	1.0	25	5	100	1.3	1.0	150	R-1
1F3G	200	1.0	25	5	200	1.3	1.0	150	R-1
1F4G	400	1.0	25	5	400	1.3	1.0	150	R-1
1F5G	600	1.0	25	5	600	1.3	1.0	250	R-1
1F6G	800	1.0	25	5	800	1.3	1.0	500	R-1
1F7G	1000	1.0	25	5	1000	1.3	1.0	500	R-1
1N4933G	50	1.0	30	5	50	1.3	1.0	150	DO-41
1N4934G	100	1.0	30	5	100	1.3	1.0	150	DO-41
1N4935G	200	1.0	30	5	200	1.3	1.0	150	DO-41
1N4936G	400	1.0	30	5	400	1.3	1.0	150	DO-41
1N4937G	600	1.0	30	5	600	1.3	1.0	150	DO-41
PR1001G	50	1.0	30	5	50	1.3	1.0	150	DO-41
PR1002G	100	1.0	30	5	100	1.3	1.0	150	DO-41
PR1003G	200	1.0	30	5	200	1.3	1.0	150	DO-41
PR1004G	400	1.0	30	5	400	1.3	1.0	150	DO-41
PR1005G	600	1.0	30	5	600	1.3	1.0	250	DO-41
PR1006G	800	1.0	30	5	800	1.3	1.0	500	DO-41
PR1007G	1000	1.0	30	5	1000	1.3	1.0	500	DO-41
GFS1A	50	1.0	30	5	50	1.3	1.0	150	SMA
GFS1B	100	1.0	30	5	100	1.3	1.0	150	SMA
GFS1D	200	1.0	30	5	200	1.3	1.0	150	SMA
GFS1G	400	1.0	30	5	400	1.3	1.0	150	SMA
GFS1J	600	1.0	30	5	600	1.3	1.0	250	SMA
GFS1K	800	1.0	30	5	800	1.3	1.0	500	SMA
GFS1M	1000	1.0	30	5	1000	1.3	1.0	500	SMA

## Fast Recovery Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max.Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		TRR	Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF			
	V	A	A	uA	V	V	A		
<b>1.5 A Fast Recovery Rectifiers ( Plastic Passivation Junction )</b>									
PR1501	50	1.5	35	5	50	1.3	1.5	150	DO-41
PR1502	100	1.5	35	5	100	1.3	1.5	150	DO-41
PR1503	200	1.5	35	5	200	1.3	1.5	150	DO-41
PR1504	400	1.5	35	5	400	1.3	1.5	150	DO-41
PR1505	600	1.5	35	5	600	1.3	1.5	250	DO-41
PR1506	800	1.5	35	5	800	1.3	1.5	500	DO-41
PR1507	1000	1.5	35	5	1000	1.3	1.5	500	DO-41
PR1501	50	1.5	50	5	50	1.3	1.5	150	DO-15
PR1502	100	1.5	50	5	100	1.3	1.5	150	DO-15
PR1503	200	1.5	50	5	200	1.3	1.5	150	DO-15
PR1504	400	1.5	50	5	400	1.3	1.5	150	DO-15
PR1505	600	1.5	50	5	600	1.3	1.5	250	DO-15
PR1506	800	1.5	50	5	800	1.3	1.5	500	DO-15
PR1507	1000	1.5	50	5	1000	1.3	1.5	500	DO-15
<b>2.0 A Fast Recovery Rectifiers ( Plastic Passivation Junction )</b>									
PR2001	50	2.0	50	5	50	1.3	2.0	150	DO-15
PR2002	100	2.0	50	5	100	1.3	2.0	150	DO-15
PR2003	200	2.0	50	5	200	1.3	2.0	150	DO-15
PR2004	400	2.0	50	5	400	1.3	2.0	150	DO-15
PR2005	600	2.0	50	5	600	1.3	2.0	250	DO-15
PR2006	800	2.0	50	5	800	1.3	2.0	500	DO-15
PR2007	1000	2.0	50	5	1000	1.3	2.0	500	DO-15
<b>2.0 A Fast Recovery Rectifiers ( Glass Passivation Junction )</b>									
GFS2AA	50	2.0	50	5	50	1.3	2.0	150	SMA
GFS2BA	100	2.0	50	5	100	1.3	2.0	150	SMA
GFS2DA	200	2.0	50	5	200	1.3	2.0	150	SMA
GFS2GA	400	2.0	50	5	400	1.3	2.0	150	SMA
GFS2JA	600	2.0	50	5	600	1.3	2.0	250	SMA
GFS2KA	800	2.0	50	5	800	1.3	2.0	500	SMA
GFS2MA	1000	2.0	50	5	1000	1.3	2.0	500	SMA

## Fast Recovery Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		TRR	Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF			
	V	A	A	uA	V	V	A		
<b>2.0 A Fast Recovery Rectifiers ( Glass Passivation Junction ) --continued</b>									
GFS2A	50	2.0	50	5	50	1.3	2.0	150	SMB
GFS2B	100	2.0	50	5	100	1.3	2.0	150	SMB
GFS2D	200	2.0	50	5	200	1.3	2.0	150	SMB
GFS2G	400	2.0	50	5	400	1.3	2.0	150	SMB
GFS2J	600	2.0	50	5	600	1.3	2.0	250	SMB
GFS2K	800	2.0	50	5	800	1.3	2.0	500	SMB
GFS2M	1000	2.0	50	5	1000	1.3	2.0	500	SMB
<b>3.0 A Fast Recovery Rectifiers ( Plastic Passivation Junction )</b>									
PR3001	50	3.0	150	5	50	1.3	3.0	150	DO-201AD
PR3002	100	3.0	150	5	100	1.3	3.0	150	DO-201AD
PR3003	200	3.0	150	5	200	1.3	3.0	150	DO-201AD
PR3004	400	3.0	150	5	400	1.3	3.0	150	DO-201AD
PR3005	600	3.0	150	5	600	1.3	3.0	250	DO-201AD
PR3006	800	3.0	150	5	800	1.3	3.0	500	DO-201AD
PR3007	1000	3.0	150	5	1000	1.3	3.0	500	DO-201AD
<b>6.0 A Fast Recovery Rectifiers ( Plastic Passivation Junction )</b>									
PR6001	50	6.0	300	10	50	1.3	6.0	150	R-6
PR6002	100	6.0	300	10	100	1.3	6.0	150	R-6
PR6003	200	6.0	300	10	200	1.3	6.0	150	R-6
PR6004	400	6.0	300	10	400	1.3	6.0	150	R-6
PR6005	600	6.0	300	10	600	1.3	6.0	250	R-6
PR6006	800	6.0	300	10	800	1.3	6.0	500	R-6
PR6007	1000	6.0	300	10	1000	1.3	6.0	500	R-6

## Ultra Fast Recovery Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		TRR	Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF			
	V	A	A	uA	V	V	A		
<b>1.0 A Ultra Fast Recovery Rectifiers ( Plastic Passivation Junction )</b>									
UF1001	50	1.0	30	5	50	1.0	1.0	50	DO-41
UF1002	100	1.0	30	5	100	1.0	1.0	50	DO-41
UF1003	200	1.0	30	5	200	1.0	1.0	50	DO-41
UF1004	400	1.0	30	5	400	1.3	1.0	50	DO-41
UF1005	600	1.0	30	5	600	1.7	1.0	75	DO-41
UF1006	800	1.0	30	5	800	1.7	1.0	75	DO-41
UF1007	1000	1.0	30	5	1000	1.7	1.0	75	DO-41
US1A	50	1.0	30	5	50	1.0	1.0	50	SMAE
US1B	100	1.0	30	5	100	1.0	1.0	50	SMAE
US1D	200	1.0	30	5	200	1.0	1.0	50	SMAE
US1G	400	1.0	30	5	400	1.3	1.0	50	SMAE
US1J	600	1.0	30	5	600	1.7	1.0	75	SMAE
US1K	800	1.0	30	5	800	1.7	1.0	75	SMAE
US1M	1000	1.0	30	5	1000	1.7	1.0	75	SMAE
<b>1.0 A Ultra Fast Recovery Rectifiers ( Glass Passivation Junction )</b>									
UF1001G	50	1.0	30	5	50	1.0	1.0	50	DO-41
UF1002G	100	1.0	30	5	100	1.0	1.0	50	DO-41
UF1003G	200	1.0	30	5	200	1.0	1.0	50	DO-41
UF1004G	400	1.0	30	5	400	1.3	1.0	50	DO-41
UF1005G	600	1.0	30	5	600	1.7	1.0	75	DO-41
UF1006G	800	1.0	30	5	800	1.7	1.0	75	DO-41
UF1007G	1000	1.0	30	5	1000	1.7	1.0	75	DO-41
GUS1A	50	1.0	30	5	50	1.0	1.0	50	SMA
GUS1B	100	1.0	30	5	100	1.0	1.0	50	SMA
GUS1D	200	1.0	30	5	200	1.0	1.0	50	SMA
GUS1G	400	1.0	30	5	400	1.3	1.0	50	SMA
GUS1J	600	1.0	30	5	600	1.7	1.0	75	SMA
GUS1K	800	1.0	30	5	800	1.7	1.0	75	SMA
GUS1M	1000	1.0	30	5	1000	1.7	1.0	75	SMA

## ■ Ultra Fast Recovery Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max.Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		TRR	Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF			
	V	A	A	uA	V	V	A		
<b>1.5 A Ultra Fast Recovery Rectifiers ( Plastic Passivation Junction )</b>									
UF1501	50	1.5	50	5	50	1.0	1.5	50	DO-41
UF1502	100	1.5	50	5	100	1.0	1.5	50	DO-41
UF1503	200	1.5	50	5	200	1.0	1.5	50	DO-41
UF1504	400	1.5	50	5	400	1.3	1.5	50	DO-41
UF1505	600	1.5	50	5	600	1.7	1.5	75	DO-41
UF1506	800	1.5	50	5	800	1.7	1.5	75	DO-41
UF1507	1000	1.5	50	5	1000	1.7	1.5	75	DO-41
UF1501	50	1.5	50	5	50	1.0	1.5	50	DO-15
UF1502	100	1.5	50	5	100	1.0	1.5	50	DO-15
UF1503	200	1.5	50	5	200	1.0	1.5	50	DO-15
UF1504	400	1.5	50	5	400	1.3	1.5	50	DO-15
UF1505	600	1.5	50	5	600	1.7	1.5	75	DO-15
UF1506	800	1.5	50	5	800	1.7	1.5	75	DO-15
UF1507	1000	1.5	50	5	1000	1.7	1.5	75	DO-15
<b>2.0 A Ultra Fast Recovery Rectifiers ( Plastic Passivation Junction )</b>									
UF2001	50	2.0	50	5	50	1.0	2.0	50	DO-15
UF2002	100	2.0	50	5	100	1.0	2.0	50	DO-15
UF2003	200	2.0	50	5	200	1.0	2.0	50	DO-15
UF2004	400	2.0	50	5	400	1.3	2.0	50	DO-15
UF2005	600	2.0	50	5	600	1.7	2.0	75	DO-15
UF2006	800	2.0	50	5	800	1.7	2.0	75	DO-15
UF2007	1000	2.0	50	5	1000	1.7	2.0	75	DO-15
<b>2.0 A Ultra Fast Recovery Rectifiers ( Glass Passivation Junction )</b>									
UF2001G	50	2.0	50	5	50	1.0	2.0	50	DO-15
UF2002G	100	2.0	50	5	100	1.0	2.0	50	DO-15
UF2003G	200	2.0	50	5	200	1.0	2.0	50	DO-15
UF2004G	400	2.0	50	5	400	1.3	2.0	50	DO-15
UF2005G	600	2.0	50	5	600	1.7	2.0	75	DO-15
UF2006G	800	2.0	50	5	800	1.7	2.0	75	DO-15
UF2007G	1000	2.0	50	5	1000	1.7	2.0	75	DO-15



## ■ Ultra Fast Recovery Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max.Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		TRR	Package
	VRRM			Io	IR@VR		VF@IF		
	V	A	A	uA	V	V	A	nS	
<b>2.0 A Ultra Fast Recovery Rectifiers ( Glass Passivation Junction )--continued</b>									
GUS2A	50	2.0	50	5	50	1.0	2.0	50	SMB
GUS2B	100	2.0	50	5	100	1.0	2.0	50	SMB
GUS2D	200	2.0	50	5	200	1.0	2.0	50	SMB
GUS2G	400	2.0	50	5	400	1.3	2.0	50	SMB
GUS2J	600	2.0	50	5	600	1.7	2.0	75	SMB
GUS2K	800	2.0	50	5	800	1.7	2.0	75	SMB
GUS2M	1000	2.0	50	5	1000	1.7	2.0	75	SMB
<b>3.0 A Ultra Fast Recovery Rectifiers ( Plastic Passivation Junction )</b>									
UF3001	50	3.0	150	5	50	1.0	3.0	50	DO-201AD
UF3002	100	3.0	150	5	100	1.0	3.0	50	DO-201AD
UF3003	200	3.0	150	5	200	1.0	3.0	50	DO-201AD
UF3004	400	3.0	150	5	400	1.3	3.0	50	DO-201AD
UF3005	600	3.0	150	5	600	1.7	3.0	75	DO-201AD
UF3006	800	3.0	150	5	800	1.7	3.0	75	DO-201AD
UF3007	1000	3.0	150	5	1000	1.7	3.0	75	DO-201AD
<b>3.0 A Ultra Fast Recovery Rectifiers ( Glass Passivation Junction )</b>									
UF3001G	50	3.0	125	5	50	1.0	3.0	50	DO-201AD
UF3002G	100	3.0	125	5	100	1.0	3.0	50	DO-201AD
UF3003G	200	3.0	125	5	200	1.0	3.0	50	DO-201AD
UF3004G	400	3.0	125	5	400	1.3	3.0	50	DO-201AD
UF3005G	600	3.0	125	5	600	1.7	3.0	75	DO-201AD
UF3006G	800	3.0	125	5	800	1.7	3.0	75	DO-201AD
UF3007G	1000	3.0	125	5	1000	1.7	3.0	75	DO-201AD
GUS3A	50	3.0	80	5	50	1.0	3.0	50	SMC
GUS3B	100	3.0	80	5	100	1.0	3.0	50	SMC
GUS3D	200	3.0	80	5	200	1.0	3.0	50	SMC
GUS3G	400	3.0	80	5	400	1.3	3.0	50	SMC
GUS3J	600	3.0	80	5	600	1.7	3.0	75	SMC
GUS3K	800	3.0	80	5	800	1.7	3.0	75	SMC
GUS3M	1000	3.0	80	5	1000	1.7	3.0	75	SMC

## ■ Ultra Fast Recovery Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max.Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		TRR	Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF			
	V	A	A	uA	V	V	A		
<b>5.0 A Ultra Fast Recovery Rectifiers ( Glass Passivation Junction )</b>									
GUS5A	50	5.0	100	5	50	1.0	5.0	50	SMC
GUS5B	100	5.0	100	5	100	1.0	5.0	50	SMC
GUS5D	200	5.0	100	5	200	1.0	5.0	50	SMC
GUS5G	400	5.0	100	5	400	1.3	5.0	50	SMC
GUS5J	600	5.0	100	5	600	1.7	5.0	75	SMC
GUS5K	800	5.0	100	5	800	1.7	5.0	75	SMC
GUS5M	1000	5.0	100	5	1000	1.7	5.0	75	SMC

## High Efficiency Recovery Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max.Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		TRR	Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF			
	V	A	A	uA	V	V	A		
<b>1.0 A High Efficiency Rectifiers ( Plastic Passivation Junction )</b>									
HER101	50	1.0	30	5	50	1.0	1.0	50	DO-41
HER102	100	1.0	30	5	100	1.0	1.0	50	DO-41
HER103	200	1.0	30	5	200	1.0	1.0	50	DO-41
HER104	300	1.0	30	5	300	1.3	1.0	50	DO-41
HER105	400	1.0	30	5	400	1.3	1.0	50	DO-41
HER106	600	1.0	30	5	600	1.7	1.0	75	DO-41
HER107	800	1.0	30	5	800	1.7	1.0	75	DO-41
HER108	1000	1.0	30	5	1000	1.7	1.0	75	DO-41
<b>1.5 A High Efficiency Rectifiers ( Plastic Passivation Junction )</b>									
HER151	50	1.5	50	5	50	1.0	1.5	50	DO-41
HER152	100	1.5	50	5	100	1.0	1.5	50	DO-41
HER153	200	1.5	50	5	200	1.0	1.5	50	DO-41
HER154	300	1.5	50	5	300	1.3	1.5	50	DO-41
HER155	400	1.5	50	5	400	1.3	1.5	50	DO-41
HER156	600	1.5	50	5	600	1.7	1.5	75	DO-41
HER157	800	1.5	50	5	800	1.7	1.5	75	DO-41
HER158	1000	1.5	50	5	1000	1.7	1.5	75	DO-41
<b>2.0 A High Efficiency Rectifiers ( Plastic Passivation Junction )</b>									
HER201	50	2.0	60	5	50	1.0	2.0	50	DO-15
HER202	100	2.0	60	5	100	1.0	2.0	50	DO-15
HER203	200	2.0	60	5	200	1.0	2.0	50	DO-15
HER204	300	2.0	60	5	300	1.3	2.0	50	DO-15
HER205	400	2.0	60	5	400	1.3	2.0	50	DO-15
HER206	600	2.0	60	5	600	1.7	2.0	75	DO-15
HER207	800	2.0	60	5	800	1.7	2.0	75	DO-15
HER208	1000	2.0	60	5	1000	1.7	2.0	75	DO-15

## High Efficiency Recovery Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max.Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		TRR	Package
	VRRM	Io	IFSM	IR@VR		VF@IF			
	V	A	A	uA	V	V	A		
<b>2.0 A High Efficiency Rectifiers ( Glass Passivation Junction )</b>									
HER201G	50	2.0	60	5	50	1.0	2.0	50	DO-15
HER202G	100	2.0	60	5	100	1.0	2.0	50	DO-15
HER203G	200	2.0	60	5	200	1.0	2.0	50	DO-15
HER204G	300	2.0	60	5	300	1.3	2.0	50	DO-15
HER205G	400	2.0	60	5	400	1.3	2.0	50	DO-15
HER206G	600	2.0	60	5	600	1.7	2.0	75	DO-15
HER207G	800	2.0	60	5	800	1.7	2.0	75	DO-15
HER208G	1000	2.0	60	5	1000	1.7	2.0	75	DO-15
<b>3.0 A High Efficiency Rectifiers ( Plastic Passivation Junction )</b>									
HER301	50	3.0	150	10	50	1.0	3.0	50	DO-201AD
HER302	100	3.0	150	10	100	1.0	3.0	50	DO-201AD
HER303	200	3.0	150	10	200	1.0	3.0	50	DO-201AD
HER304	300	3.0	150	10	300	1.3	3.0	50	DO-201AD
HER305	400	3.0	150	10	400	1.3	3.0	50	DO-201AD
HER306	600	3.0	150	10	600	1.7	3.0	75	DO-201AD
HER307	800	3.0	150	10	800	1.7	3.0	75	DO-201AD
HER308	1000	3.0	150	10	1000	1.7	3.0	75	DO-201AD
<b>5.0 A High Efficiency Rectifiers ( Plastic Passivation Junction )</b>									
HER501	50	5.0	200	10	50	1.0	5.0	50	DO-201AD
HER502	100	5.0	200	10	100	1.0	5.0	50	DO-201AD
HER503	200	5.0	200	10	200	1.0	5.0	50	DO-201AD
HER504	300	5.0	200	10	300	1.3	5.0	50	DO-201AD
HER505	400	5.0	200	10	400	1.3	5.0	50	DO-201AD
HER506	600	5.0	200	10	600	1.7	5.0	75	DO-201AD
HER507	800	5.0	200	10	800	1.7	5.0	75	DO-201AD
HER508	1000	5.0	200	10	1000	1.7	5.0	75	DO-201AD

## ■ Super Fast Recovery Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max.Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		TRR	Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF			
	V	A	A	uA	V	V	A		
<b>1.0 A Super Fast Recovery Rectifiers ( Glass Passivation Junction )</b>									
SF11G	50	1.0	30	5	50	0.98	1.0	35	DO-41
SF12G	100	1.0	30	5	100	0.98	1.0	35	DO-41
SF13G	150	1.0	30	5	150	0.98	1.0	35	DO-41
SF14G	200	1.0	30	5	200	0.98	1.0	35	DO-41
SF15G	300	1.0	30	5	300	1.3	1.0	35	DO-41
SF16G	400	1.0	30	5	400	1.3	1.0	35	DO-41
SF18G	600	1.0	30	5	600	1.75	1.0	35	DO-41
ES1A	50	1.0	30	5	50	0.98	1.0	35	SMA
ES1B	100	1.0	30	5	100	0.98	1.0	35	SMA
ES1C	150	1.0	30	5	150	0.98	1.0	35	SMA
ES1D	200	1.0	30	5	200	0.98	1.0	35	SMA
ES1E	300	1.0	30	5	300	1.3	1.0	35	SMA
ES1G	400	1.0	30	5	400	1.3	1.0	35	SMA
ES1J	600	1.0	30	5	600	1.75	1.0	35	SMA
<b>2.0 A Super Fast Recovery Rectifiers ( Glass Passivation Junction )</b>									
SF21G	50	2.0	50	5	50	0.98	2.0	35	DO-15
SF22G	100	2.0	50	5	100	0.98	2.0	35	DO-15
SF23G	150	2.0	50	5	150	0.98	2.0	35	DO-15
SF24G	200	2.0	50	5	200	0.98	2.0	35	DO-15
SF25G	300	2.0	50	5	300	1.3	2.0	35	DO-15
SF26G	400	2.0	50	5	400	1.3	2.0	35	DO-15
SF28G	600	2.0	50	5	600	1.75	2.0	35	DO-15
ES2AA	50	2.0	50	5	50	0.98	2.0	35	SMA
ES2BA	100	2.0	50	5	100	0.98	2.0	35	SMA
ES2CA	150	2.0	50	5	150	0.98	2.0	35	SMA
ES2DA	200	2.0	50	5	200	0.98	2.0	35	SMA
ES2EA	300	2.0	50	5	300	1.3	2.0	35	SMA
ES2GA	400	2.0	50	5	400	1.3	2.0	35	SMA
ES2JA	600	2.0	50	5	600	1.75	2.0	35	SMA

## ■ Super Fast Recovery Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max.Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		TRR	Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF			
	V	A	A	uA	V	V	A		
<b>2.0 A Super Fast Recovery Rectifiers ( Glass Passivation Junction ) --continued</b>									
ES2A	50	2.0	50	5	50	0.98	2.0	35	SMB
ES2B	100	2.0	50	5	100	0.98	2.0	35	SMB
ES2C	150	2.0	50	5	150	0.98	2.0	35	SMB
ES2D	200	2.0	50	5	200	0.98	2.0	35	SMB
ES2E	300	2.0	50	5	300	1.3	2.0	35	SMB
ES2G	400	2.0	50	5	400	1.3	2.0	35	SMB
ES2J	600	2.0	50	5	600	1.75	2.0	35	SMB
<b>3.0 A Super Fast Recovery Rectifiers ( Glass Passivation Junction )</b>									
SF31G	50	3.0	80	5	50	0.98	3.0	35	DO-201AD
SF32G	100	3.0	80	5	100	0.98	3.0	35	DO-201AD
SF33G	150	3.0	80	5	150	0.98	3.0	35	DO-201AD
SF34G	200	3.0	80	5	200	0.98	3.0	35	DO-201AD
SF35G	300	3.0	80	5	300	1.3	3.0	35	DO-201AD
SF36G	400	3.0	80	5	400	1.3	3.0	35	DO-201AD
SF38G	600	3.0	80	5	600	1.75	3.0	35	DO-201AD
ES3AB	50	3.0	80	5	50	0.98	3.0	35	SMB
ES3BB	100	3.0	80	5	100	0.98	3.0	35	SMB
ES3CB	150	3.0	80	5	150	0.98	3.0	35	SMB
ES3DB	200	3.0	80	5	200	0.98	3.0	35	SMB
ES3EB	300	3.0	80	5	300	1.3	3.0	35	SMB
ES3GB	400	3.0	80	5	400	1.3	3.0	35	SMB
ES3JB	600	3.0	80	5	600	1.75	3.0	35	SMB
ES3A	50	3.0	80	5	50	0.98	3.0	35	SMC
ES3B	100	3.0	80	5	100	0.98	3.0	35	SMC
ES3C	150	3.0	80	5	150	0.98	3.0	35	SMC
ES3D	200	3.0	80	5	200	0.98	3.0	35	SMC
ES3E	300	3.0	80	5	300	1.3	3.0	35	SMC
ES3G	400	3.0	80	5	400	1.3	3.0	35	SMC
ES3J	600	3.0	80	5	600	1.75	3.0	35	SMC

## ■ Super Fast Recovery Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max.Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		TRR	Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF			
	V	A	A	uA	V	V	A		
<b>5.0 A Super Fast Recovery Rectifiers ( Glass Passivation Junction )</b>									
SF51G	50	3.0	100	5	50	0.98	3.0	35	DO-201AD
SF52G	100	3.0	100	5	100	0.98	3.0	35	DO-201AD
SF53G	150	3.0	100	5	150	0.98	3.0	35	DO-201AD
SF54G	200	3.0	100	5	200	0.98	3.0	35	DO-201AD
SF55G	300	3.0	100	5	300	1.3	3.0	35	DO-201AD
SF56G	400	3.0	100	5	400	1.3	3.0	35	DO-201AD
SF58G	600	3.0	100	5	600	1.75	3.0	35	DO-201AD
ES5A	50	5.0	100	5	50	0.98	5.0	35	SMC
ES5B	100	5.0	100	5	100	0.98	5.0	35	SMC
ES5C	150	5.0	100	5	150	0.98	5.0	35	SMC
ES5D	200	5.0	100	5	200	0.98	5.0	35	SMC
ES5E	300	5.0	100	5	300	1.3	5.0	35	SMC
ES5G	400	5.0	100	5	400	1.3	5.0	35	SMC
ES5J	600	5.0	100	5	600	1.75	5.0	35	SMC

## Schottky Barrier Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max.Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	mA	V	V	A	
<b>1.0 A Schottky Barrier Rectifiers</b>								
IN5817	20	1.0	25	1.0	20	0.45	1.0	DO-41
IN5818	30	1.0	25	1.0	30	0.55	1.0	DO-41
IN5819	40	1.0	25	1.0	40	0.60	1.0	DO-41
SB120	20	1.0	30	0.5	20	0.50	1.0	DO-41
SB130	30	1.0	30	0.5	30	0.50	1.0	DO-41
SB140	40	1.0	30	0.5	40	0.50	1.0	DO-41
SB150	50	1.0	30	0.5	50	0.70	1.0	DO-41
SB160	60	1.0	30	0.5	60	0.70	1.0	DO-41
SB180	80	1.0	30	0.2	80	0.85	1.0	DO-41
SB1100	100	1.0	30	0.2	100	0.85	1.0	DO-41
SB1150	150	1.0	30	0.2	150	0.87	1.0	DO-41
SB1200	200	1.0	30	0.2	200	0.9	1.0	DO-41
B120	20	1.0	30	0.5	20	0.50	1.0	SMA
B130	30	1.0	30	0.5	30	0.50	1.0	SMA
B140	40	1.0	30	0.5	40	0.50	1.0	SMA
B150	50	1.0	30	0.5	50	0.70	1.0	SMA
B160	60	1.0	30	0.5	60	0.70	1.0	SMA
B180	80	1.0	30	0.2	80	0.85	1.0	SMA
B1100	100	1.0	30	0.2	100	0.85	1.0	SMA
B1150	150	1.0	30	0.2	150	0.87	1.0	SMA
B1200	200	1.0	30	0.2	200	0.9	1.0	SMA
B120B	20	1.0	30	0.5	20	0.50	1.0	SMB
B130B	30	1.0	30	0.5	30	0.50	1.0	SMB
B140B	40	1.0	30	0.5	40	0.50	1.0	SMB
B150B	50	1.0	30	0.5	50	0.70	1.0	SMB
B160B	60	1.0	30	0.5	60	0.70	1.0	SMB
B180B	80	1.0	30	0.2	80	0.85	1.0	SMB
B1100B	100	1.0	30	0.2	100	0.85	1.0	SMB
B1150B	150	1.0	30	0.2	150	0.87	1.0	SMB
B1200B	200	1.0	30	0.2	200	0.9	1.0	SMB



## Schottky Barrier Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	mA	V	V	A	
<b>2.0 A Schottky Barrier Rectifiers</b>								
SB220	20	2.0	50	0.5	20	0.50	2.0	DO-41
SB230	30	2.0	50	0.5	30	0.50	2.0	DO-41
SB240	40	2.0	50	0.5	40	0.50	2.0	DO-41
SB250	50	2.0	50	0.5	50	0.70	2.0	DO-41
SB260	60	2.0	50	0.5	60	0.70	2.0	DO-41
SB280	80	2.0	50	0.2	80	0.85	2.0	DO-41
SB2100	100	2.0	50	0.2	100	0.85	2.0	DO-41
SB2150	150	2.0	50	0.2	150	0.87	2.0	DO-41
SB2200	200	2.0	50	0.2	200	0.9	2.0	DO-41
SB220	20	2.0	50	0.5	20	0.50	2.0	DO-15
SB230	30	2.0	50	0.5	30	0.50	2.0	DO-15
SB240	40	2.0	50	0.5	40	0.50	2.0	DO-15
SB250	50	2.0	50	0.5	50	0.70	2.0	DO-15
SB260	60	2.0	50	0.5	60	0.70	2.0	DO-15
SB280	80	2.0	50	0.2	80	0.85	2.0	DO-15
SB2100	100	2.0	50	0.2	100	0.85	2.0	DO-15
SB2150	150	2.0	50	0.2	150	0.87	2.0	DO-15
SB2200	200	2.0	50	0.2	200	0.9	2.0	DO-15
B220A	20	2.0	50	0.5	20	0.50	2.0	SMA
B230A	30	2.0	50	0.5	30	0.50	2.0	SMA
B240A	40	2.0	50	0.5	40	0.50	2.0	SMA
B250A	50	2.0	50	0.5	50	0.70	2.0	SMA
B260A	60	2.0	50	0.5	60	0.70	2.0	SMA
B280A	80	2.0	50	0.2	80	0.85	2.0	SMA
B2100A	100	2.0	50	0.2	100	0.85	2.0	SMA
B2150A	150	2.0	50	0.2	150	0.87	2.0	SMA
B2200A	200	2.0	50	0.2	200	0.9	2.0	SMA

## Schottky Barrier Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	mA	V	V	A	
<b>2.0 A Schottky Barrier Rectifiers --continued</b>								
B220	20	2.0	50	0.5	20	0.50	2.0	SMB
B230	30	2.0	50	0.5	30	0.50	2.0	SMB
B240	40	2.0	50	0.5	40	0.50	2.0	SMB
B250	50	2.0	50	0.5	50	0.70	2.0	SMB
B260	60	2.0	50	0.5	60	0.70	2.0	SMB
B280	80	2.0	50	0.2	80	0.85	2.0	SMB
B2100	100	2.0	50	0.2	100	0.85	2.0	SMB
B2150	150	2.0	50	0.2	150	0.87	2.0	SMB
B2200	200	2.0	50	0.2	200	0.9	2.0	SMB
<b>3.0 A Schottky Barrier Rectifiers</b>								
SB320	20	3.0	80	0.5	20	0.50	3.0	DO-201AD
SB330	30	3.0	80	0.5	30	0.50	3.0	DO-201AD
SB340	40	3.0	80	0.5	40	0.50	3.0	DO-201AD
SB350	50	3.0	80	0.5	50	0.70	3.0	DO-201AD
SB360	60	3.0	80	0.5	60	0.70	3.0	DO-201AD
SB380	80	3.0	80	0.2	80	0.85	3.0	DO-201AD
SB3100	100	3.0	80	0.2	100	0.85	3.0	DO-201AD
SB3150	150	3.0	80	0.2	150	0.87	3.0	DO-201AD
SB3200	200	3.0	80	0.2	200	0.9	3.0	DO-201AD
B320A	20	3.0	80	0.5	20	0.50	3.0	SMA
B330A	30	3.0	80	0.5	30	0.50	3.0	SMA
B340A	40	3.0	80	0.5	40	0.50	3.0	SMA
B350A	50	3.0	80	0.5	50	0.70	3.0	SMA
B360A	60	3.0	80	0.5	60	0.70	3.0	SMA
B380A	80	3.0	80	0.2	80	0.85	3.0	SMA
B3100A	100	3.0	80	0.2	100	0.85	3.0	SMA
B3150A	150	3.0	80	0.2	150	0.87	3.0	SMA
B3200A	200	3.0	80	0.2	200	0.9	3.0	SMA

## Schottky Barrier Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	mA	V	V	A	
<b>3.0 A Schottky Barrier Rectifiers--continued</b>								
B320B	20	3.0	80	0.5	20	0.50	3.0	SMB
B330B	30	3.0	80	0.5	30	0.50	3.0	SMB
B340B	40	3.0	80	0.5	40	0.50	3.0	SMB
B350B	50	3.0	80	0.5	50	0.70	3.0	SMB
B360B	60	3.0	80	0.5	60	0.70	3.0	SMB
B380B	80	3.0	80	0.2	80	0.85	3.0	SMB
B3100B	100	3.0	80	0.2	100	0.85	3.0	SMB
B3150B	150	3.0	80	0.2	150	0.87	3.0	SMB
B3200B	200	3.0	80	0.2	200	0.9	3.0	SMB
B320	20	3.0	80	0.5	20	0.50	3.0	SMC
B330	30	3.0	80	0.5	30	0.50	3.0	SMC
B340	40	3.0	80	0.5	40	0.50	3.0	SMC
B350	50	3.0	80	0.5	50	0.70	3.0	SMC
B360	60	3.0	80	0.5	60	0.70	3.0	SMC
B380	80	3.0	80	0.2	80	0.85	3.0	SMC
B3100	100	3.0	80	0.2	100	0.85	3.0	SMC
B3150	150	3.0	80	0.2	150	0.87	3.0	SMC
B3200	200	3.0	80	0.2	200	0.9	3.0	SMC
MBR340	40	3.0	80	0.5	60	0.55	3.0	DO-201AD
MBR360	60	3.0	80	0.2	60	0.70	3.0	DO-201AD
MBR380	80	3.0	80	0.2	80	0.85	3.0	DO-201AD
MBR3100	100	3.0	80	0.2	100	0.85	3.0	DO-201AD
MBR3150	150	3.0	80	0.2	150	0.87	3.0	DO-201AD
MBR3200	200	3.0	80	0.2	200	0.9	3.0	DO-201AD

## Schottky Barrier Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	mA	V	V	A	
<b>5.0 A Schottky Barrier Rectifiers –continued</b>								
SB520	20	5.0	100	0.5	20	0.55	5.0	DO-201AD
SB530	30	5.0	100	0.5	30	0.55	5.0	DO-201AD
SB540	40	5.0	100	0.5	40	0.55	5.0	DO-201AD
SB550	50	5.0	100	0.5	50	0.70	5.0	DO-201AD
SB560	60	5.0	100	0.5	60	0.70	5.0	DO-201AD
SB580	80	5.0	100	0.2	80	0.85	5.0	DO-201AD
SB5100	100	5.0	100	0.2	100	0.85	5.0	DO-201AD
SB5150	150	5.0	100	0.2	150	0.87	5.0	DO-201AD
SB5200	200	5.0	100	0.2	200	0.9	5.0	DO-201AD
B520B	20	5.0	100	0.5	20	0.55	5.0	SMB
B530B	30	5.0	100	0.5	30	0.55	5.0	SMB
B540B	40	5.0	100	0.5	40	0.55	5.0	SMB
B550B	50	5.0	100	0.5	50	0.70	5.0	SMB
B560B	60	5.0	100	0.5	60	0.70	5.0	SMB
B580B	80	5.0	100	0.2	80	0.85	5.0	SMB
B5100B	100	5.0	100	0.2	100	0.85	5.0	SMB
B5150B	150	5.0	100	0.2	150	0.87	5.0	SMB
B5200B	200	5.0	100	0.2	200	0.9	5.0	SMB
B520	20	5.0	100	0.5	20	0.55	5.0	SMC
B530	30	5.0	100	0.5	30	0.55	5.0	SMC
B540	40	5.0	100	0.5	40	0.55	5.0	SMC
B550	50	5.0	100	0.5	50	0.70	5.0	SMC
B560	60	5.0	100	0.5	60	0.70	5.0	SMC
B580	80	5.0	100	0.2	80	0.85	5.0	SMC
B5100	100	5.0	100	0.2	100	0.85	5.0	SMC
B5150	150	5.0	100	0.2	400	0.87	5.0	SMC
B5200	200	5.0	100	0.2	600	0.9	5.0	SMC
MBR560	60	5.0	150	0.2	60	0.70	5.0	DO-201AD
MBR5100	100	5.0	150	0.2	100	0.85	5.0	DO-201AD
MBR5150	150	5.0	150	0.2	150	0.87	5.0	DO-201AD
MBR5200	200	5.0	150	0.2	200	0.9	5.0	DO-201AD

## Schottky Barrier Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop (Per leg)		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	mA	V	V	A	
<b>10.0 A Schottky Barrier Rectifiers</b>								
SB1020CT	20	10.0	100	0.5	20	0.55	5.0	TO-220AB
SB1040CT	40	10.0	100	0.5	40	0.55	5.0	TO-220AB
SB1050CT	50	10.0	100	0.5	50	0.70	5.0	TO-220AB
SB1060CT	60	10.0	100	0.5	60	0.70	5.0	TO-220AB
SB1080CT	80	10.0	100	0.2	80	0.85	5.0	TO-220AB
SB10100CT	100	10.0	100	0.2	100	0.85	5.0	TO-220AB
SB1020FCT	20	10.0	100	0.5	20	0.55	5.0	ITO-220AB
SB1040FCT	40	10.0	100	0.5	40	0.55	5.0	ITO-220AB
SB1050FCT	50	10.0	100	0.5	50	0.70	5.0	ITO-220AB
SB1060FCT	60	10.0	100	0.5	60	0.70	5.0	ITO-220AB
SB1080FCT	80	10.0	100	0.2	80	0.85	5.0	ITO-220AB
SB10100FCT	100	10.0	100	0.2	100	0.85	5.0	ITO-220AB
MBR1020CT	20	10.0	120	0.1	20	0.70	5.0	TO-220AB
MBR1040CT	40	10.0	120	0.1	40	0.70	5.0	TO-220AB
MBR1050CT	50	10.0	120	0.1	50	0.75	5.0	TO-220AB
MBR1060CT	60	10.0	120	0.1	60	0.75	5.0	TO-220AB
MBR1080CT	80	10.0	120	0.1	80	0.85	5.0	TO-220AB
MBR10100CT	100	10.0	120	0.1	100	0.85	5.0	TO-220AB
MBR10150CT	150	10.0	120	0.1	150	0.92	5.0	TO-220AB
MBR10200CT	200	10.0	120	0.1	200	0.92	5.0	TO-220AB
MBR1020FCT	20	10.0	120	0.1	20	0.70	5.0	ITO-220AB
MBR1040FCT	40	10.0	120	0.1	40	0.70	5.0	ITO-220AB
MBR1050FCT	50	10.0	120	0.1	50	0.75	5.0	ITO-220AB
MBR1060FCT	60	10.0	120	0.1	60	0.75	5.0	ITO-220AB
MBR1080FCT	80	10.0	120	0.1	80	0.85	5.0	ITO-220AB
MBR10100FCT	100	10.0	120	0.1	100	0.85	5.0	ITO-220AB
MBR10150FCT	150	10.0	120	0.1	150	0.92	5.0	ITO-220AB
MBR10200FCT	200	10.0	120	0.1	200	0.92	5.0	ITO-220AB

## Schottky Barrier Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop (Per leg)		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	mA	V	V	A	
<b>20.0 A Schottky Barrier Rectifiers</b>								
MBR2020CT	20	20.0	150	0.2	20	0.70	10.0	TO-220AB
MBR2040CT	40	20.0	150	0.2	40	0.70	10.0	TO-220AB
MBR2050CT	50	20.0	150	0.2	50	0.75	10.0	TO-220AB
MBR2060CT	60	20.0	150	0.2	60	0.75	10.0	TO-220AB
MBR2080CT	80	20.0	150	0.2	80	0.85	10.0	TO-220AB
MBR20100CT	100	20.0	150	0.2	100	0.85	10.0	TO-220AB
MBR20150CT	150	20.0	150	0.2	150	0.92	10.0	TO-220AB
MBR20200CT	200	20.0	150	0.2	200	0.92	10.0	TO-220AB
MBR2020FCT	20	20.0	150	0.2	20	0.70	10.0	ITO-220AB
MBR2040FCT	40	20.0	150	0.2	40	0.70	10.0	ITO-220AB
MBR2050FCT	50	20.0	150	0.2	50	0.75	10.0	ITO-220AB
MBR2060FCT	60	20.0	150	0.2	60	0.75	10.0	ITO-220AB
MBR2080FCT	80	20.0	150	0.2	80	0.85	10.0	ITO-220AB
MBR20100FCT	100	20.0	150	0.2	100	0.85	10.0	ITO-220AB
MBR20150FCT	150	20.0	150	0.2	150	0.92	10.0	ITO-220AB
MBR20200FCT	200	20.0	150	0.2	200	0.92	10.0	ITO-220AB

## Schottky Barrier Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop (Per leg)		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	mA	V	V	A	
<b>30.0 A Schottky Barrier Rectifiers</b>								
MBR3020CT	20	30.0	200	0.2	20	0.70	15.0	TO-220AB
MBR3040CT	40	30.0	200	0.2	40	0.70	15.0	TO-220AB
MBR3050CT	50	30.0	200	0.2	50	0.75	15.0	TO-220AB
MBR3060CT	60	30.0	200	0.2	60	0.75	15.0	TO-220AB
MBR3080CT	80	30.0	200	0.2	80	0.85	15.0	TO-220AB
MBR30100CT	100	30.0	200	0.2	100	0.85	15.0	TO-220AB
MBR30150CT	150	30.0	200	0.2	150	0.92	15.0	TO-220AB
MBR30200CT	200	30.0	200	0.2	200	0.92	15.0	TO-220AB
MBR3020FCT	20	30.0	200	0.2	20	0.70	15.0	ITO-220AB
MBR3040FCT	40	30.0	200	0.2	40	0.70	15.0	ITO-220AB
MBR3050FCT	50	30.0	200	0.2	50	0.75	15.0	ITO-220AB
MBR3060FCT	60	30.0	200	0.2	60	0.75	15.0	ITO-220AB
MBR3080FCT	80	30.0	200	0.2	80	0.85	15.0	ITO-220AB
MBR30100FCT	100	30.0	200	0.2	100	0.85	15.0	ITO-220AB
MBR30150FCT	150	30.0	200	0.2	150	0.92	15.0	ITO-220AB
MBR30200FCT	200	30.0	200	0.2	200	0.92	15.0	ITO-220AB

## Schottky Barrier Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop (Per leg)		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	mA	V	V	A	
<b>40.0 A Schottky Barrier Rectifiers</b>								
MBR4020CT	20	40.0	250	0.2	20	0.70	20.0	TO-220AB
MBR4040CT	40	40.0	250	0.2	40	0.70	20.0	TO-220AB
MBR4050CT	50	40.0	250	0.2	50	0.75	20.0	TO-220AB
MBR4060CT	60	40.0	250	0.2	60	0.75	20.0	TO-220AB
MBR4080CT	80	40.0	250	0.2	80	0.85	20.0	TO-220AB
MBR40100CT	100	40.0	250	0.2	100	0.85	20.0	TO-220AB
MBR40150CT	150	40.0	250	0.2	150	0.92	20.0	TO-220AB
MBR40200CT	200	40.0	250	0.2	200	0.92	20.0	TO-220AB
MBR4020FCT	20	40.0	250	0.2	20	0.70	20.0	ITO-220AB
MBR4040FCT	40	40.0	250	0.2	40	0.70	20.0	ITO-220AB
MBR4050FCT	50	40.0	250	0.2	50	0.75	20.0	ITO-220AB
MBR4060FCT	60	40.0	250	0.2	60	0.75	20.0	ITO-220AB
MBR4080FCT	80	40.0	250	0.2	80	0.85	20.0	ITO-220AB
MBR40100FCT	100	40.0	250	0.2	100	0.85	20.0	ITO-220AB
MBR40150FCT	150	40.0	250	0.2	150	0.92	20.0	ITO-220AB
MBR40200FCT	200	40.0	250	0.2	200	0.92	20.0	ITO-220AB



## ■ Bridge Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop (Per leg)		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	uA	V	V	A	
<b>0.8 A Bridge Rectifiers ( Glass Passivation Junction )</b>								
MB1S	50	0.8	30	5	50	1.1	0.8	MBS
MB2S	100	0.8	30	5	100	1.1	0.8	MBS
MB3S	200	0.8	30	5	200	1.1	0.8	MBS
MB4S	400	0.8	30	5	400	1.1	0.8	MBS
MB6S	600	0.8	30	5	600	1.1	0.8	MBS
MB8S	800	0.8	30	5	800	1.1	0.8	MBS
MB10S	1000	0.8	30	5	1000	1.1	0.8	MBS
<b>1.0 A Bridge Rectifiers ( Glass Passivation Junction )</b>								
DI100	50	1.0	30	5	50	1.1	1.0	DIP
DI101	100	1.0	30	5	100	1.1	1.0	DIP
DI102	200	1.0	30	5	200	1.1	1.0	DIP
DI104	400	1.0	30	5	400	1.1	1.0	DIP
DI106	600	1.0	30	5	600	1.1	1.0	DIP
DI108	800	1.0	30	5	800	1.1	1.0	DIP
DI1010	1000	1.0	30	5	1000	1.1	1.0	DIP
DI100S	50	1.0	30	5	50	1.1	1.0	SDIP
DI101S	100	1.0	30	5	100	1.1	1.0	SDIP
DI102S	200	1.0	30	5	200	1.1	1.0	SDIP
DI104S	400	1.0	30	5	400	1.1	1.0	SDIP
DI106S	600	1.0	30	5	600	1.1	1.0	SDIP
DI108S	800	1.0	30	5	800	1.1	1.0	SDIP
DI1010S	1000	1.0	30	5	1000	1.1	1.0	SDIP

## ■ Bridge Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max.Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	uA	V	V	A	
<b>2.0 A Bridge Rectifiers ( Glass Passivation Junction )</b>								
DI200	50	2.0	60	5	50	1.1	2.0	DIP
DI201	100	2.0	60	5	100	1.1	2.0	DIP
DI202	200	2.0	60	5	200	1.1	2.0	DIP
DI204	400	2.0	60	5	400	1.1	2.0	DIP
DI206	600	2.0	60	5	600	1.1	2.0	DIP
DI208	800	2.0	60	5	800	1.1	2.0	DIP
DI2010	1000	2.0	60	5	1000	1.1	2.0	DIP
DI200S	50	2.0	60	5	50	1.1	2.0	SDIP
DI201S	100	2.0	60	5	100	1.1	2.0	SDIP
DI202S	200	2.0	60	5	200	1.1	2.0	SDIP
DI204S	400	2.0	60	5	400	1.1	2.0	SDIP
DI206S	600	2.0	60	5	600	1.1	2.0	SDIP
DI208S	800	2.0	60	5	800	1.1	2.0	SDIP
DI2010S	1000	2.0	60	5	1000	1.1	2.0	SDIP
KBP2005G	50	2.0	60	5	50	1.1	2.0	KBP
KBP201G	100	2.0	60	5	100	1.1	2.0	KBP
KBP202G	200	2.0	60	5	200	1.1	2.0	KBP
KBP204G	400	2.0	60	5	400	1.1	2.0	KBP
KBP206G	600	2.0	60	5	600	1.1	2.0	KBP
KBP208G	800	2.0	60	5	800	1.1	2.0	KBP
KBP2010G	1000	2.0	60	5	1000	1.1	2.0	KBP
<b>3.0 A Bridge Rectifiers ( Glass Passivation Junction )</b>								
KBP3005G	50	3.0	80	5	50	1.1	3.0	KBP
KBP301G	100	3.0	80	5	100	1.1	3.0	KBP
KBP302G	200	3.0	80	5	200	1.1	3.0	KBP
KBP304G	400	3.0	80	5	400	1.1	3.0	KBP
KBP306G	600	3.0	80	5	600	1.1	3.0	KBP
KBP308G	800	3.0	80	5	800	1.1	3.0	KBP
KBP3010G	1000	3.0	80	5	1000	1.1	3.0	KBP

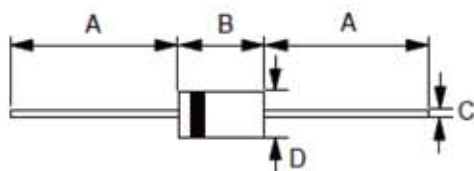
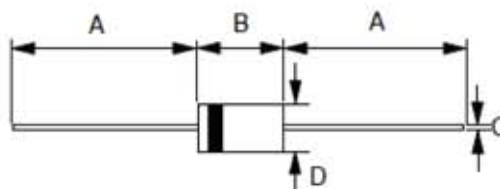
## ■ Bridge Rectifiers

Part Number	Peak Repetitive Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		Package
	VRRM	I <sub>o</sub>	IFSM	IR@VR		VF@IF		
	V	A	A	uA	V	V	A	
<b>4.0 A Bridge Rectifiers ( Glass Passivation Junction )</b>								
GBU401	50	4.0	150	5	50	1.1	4.0	GBU
GBU402	100	4.0	150	5	100	1.1	4.0	GBU
GBU403	200	4.0	150	5	200	1.1	4.0	GBU
GBU404	400	4.0	150	5	400	1.1	4.0	GBU
GBU405	600	4.0	150	5	600	1.1	4.0	GBU
GBU406	800	4.0	150	5	800	1.1	4.0	GBU
GBU407	1000	4.0	150	5	1000	1.1	4.0	GBU
PBL401	50	4.0	200	5	50	1.1	4.0	PBL
PBL402	100	4.0	200	5	100	1.1	4.0	PBL
PBL403	200	4.0	200	5	200	1.1	4.0	PBL
PBL404	400	4.0	200	5	400	1.1	4.0	PBL
PBL405	600	4.0	200	5	600	1.1	4.0	PBL
PBL406	800	4.0	200	5	800	1.1	4.0	PBL
PBL407	1000	4.0	200	5	1000	1.1	4.0	PBL
<b>6.0 A Bridge Rectifiers ( Glass Passivation Junction )</b>								
GBU601	50	6.0	175	5	50	1.1	6.0	GBU
GBU602	100	6.0	175	5	100	1.1	6.0	GBU
GBU603	200	6.0	175	5	200	1.1	6.0	GBU
GBU604	400	6.0	175	5	400	1.1	6.0	GBU
GBU605	600	6.0	175	5	600	1.1	6.0	GBU
GBU606	800	6.0	175	5	800	1.1	6.0	GBU
GBU607	1000	6.0	175	5	1000	1.1	6.0	GBU
PBU601	50	6.0	175	5	50	1.1	6.0	PBU
PBU602	100	6.0	175	5	100	1.1	6.0	PBU
PBU603	200	6.0	175	5	200	1.1	6.0	PBU
PBU604	400	6.0	175	5	400	1.1	6.0	PBU
PBU605	600	6.0	175	5	600	1.1	6.0	PBU
PBU606	800	6.0	175	5	800	1.1	6.0	PBU
PBU607	1000	6.0	175	5	1000	1.1	6.0	PBU

## ■ Bridge Rectifiers

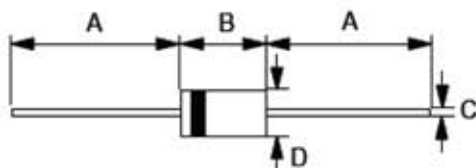
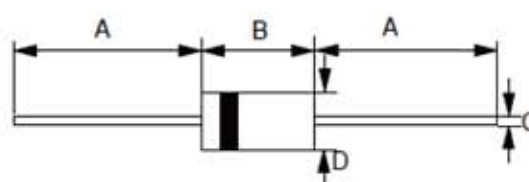
Part Number	Peak Repetitive Reverse Voltage	Max.Average Rectified Current	Max. Peak Forward Surge current	Max. Reverse Current		Forward Voltage Drop		Package
	VRRM	Io	IFSM	IR@VR		VF@IF		
	V	A	A	uA	V	V	A	
<b>8.0 A Bridge Rectifiers ( Glass Passivation Junction )</b>								
GBU801	50	8.0	200	5	50	1.1	8.0	GBU
GBU802	100	8.0	200	5	100	1.1	8.0	GBU
GBU803	200	8.0	200	5	200	1.1	8.0	GBU
GBU804	400	8.0	200	5	400	1.1	8.0	GBU
GBU805	600	8.0	200	5	600	1.1	8.0	GBU
GBU806	800	8.0	200	5	800	1.1	8.0	GBU
GBU807	1000	8.0	200	5	1000	1.1	8.0	GBU
PBU801	50	8.0	200	5	50	1.1	8.0	PBU
PBU802	100	8.0	200	5	100	1.1	8.0	PBU
PBU803	200	8.0	200	5	200	1.1	8.0	PBU
PBU804	400	8.0	200	5	400	1.1	8.0	PBU
PBU805	600	8.0	200	5	600	1.1	8.0	PBU
PBU806	800	8.0	200	5	800	1.1	8.0	PBU
PBU807	1000	8.0	200	5	1000	1.1	8.0	PBU
<b>10.0 A Bridge Rectifiers ( Glass Passivation Junction )</b>								
GBU1001	50	10.0	220	5	50	1.1	10.0	GBU
GBU1002	100	10.0	220	5	100	1.1	10.0	GBU
GBU1003	200	10.0	220	5	200	1.1	10.0	GBU
GBU1004	400	10.0	220	5	400	1.1	10.0	GBU
GBU1005	600	10.0	220	5	600	1.1	10.0	GBU
GBU1006	800	10.0	220	5	800	1.1	10.0	GBU
GBU1007	1000	10.0	220	5	1000	1.1	10.0	GBU
PBU1001	50	10.0	300	5	50	1.1	10.0	PBU
PBU1002	100	10.0	300	5	100	1.1	10.0	PBU
PBU1003	200	10.0	300	5	200	1.1	10.0	PBU
PBU1004	400	10.0	300	5	400	1.1	10.0	PBU
PBU1005	600	10.0	300	5	600	1.1	10.0	PBU
PBU1006	800	10.0	300	5	800	1.1	10.0	PBU
PBU1007	1000	10.0	300	5	1000	1.1	10.0	PBU

## Package Outline

**R-1****A-405**

Dim.	DO-41	
	Min.	Max.
A	25.4	-
B	2.60	3.20
C	0.55 $\varnothing$	0.65 $\varnothing$
D	2.30 $\varnothing$	2.60 $\varnothing$
All Dimensions in millimeter		

Dim.	A-405	
	Min.	Max.
A	25.4	-
B	4.10	5.20
C	0.50 $\varnothing$	0.60 $\varnothing$
D	2.00 $\varnothing$	2.70 $\varnothing$
All Dimensions in millimeter		

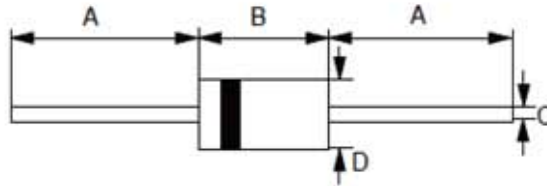
**DO-41****DO-15**

Dim.	DO-41	
	Min.	Max.
A	25.4	-
B	4.10	5.20
C	0.70 $\varnothing$	0.90 $\varnothing$
D	2.00 $\varnothing$	2.70 $\varnothing$
All Dimensions in millimeter		

Dim.	DO-15	
	Min.	Max.
A	25.4	-
B	5.80	7.60
C	0.70 $\varnothing$	0.90 $\varnothing$
D	2.60 $\varnothing$	3.60 $\varnothing$
All Dimensions in millimeter		

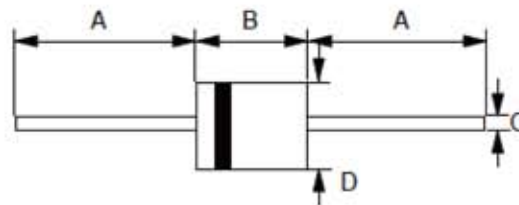
■ Package Outline

**DO-201AD**



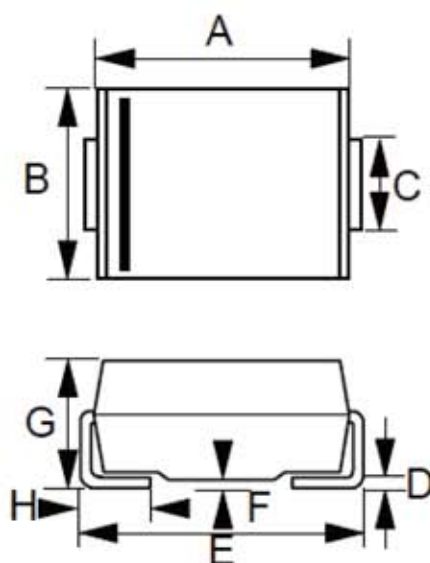
DO-201AD		
Dim.	Min.	Max.
A	25.4	-
B	7.20	9.50
C	1.20	1.30
D	4.80	5.30
All Dimensions in millimeter		

**R-6**



R-6		
Dim.	Min.	Max.
A	25.4	-
B	8.60	9.10
C	1.20 $\varnothing$	1.30 $\varnothing$
D	8.60 $\varnothing$	9.10 $\varnothing$
All Dimensions in millimeter		

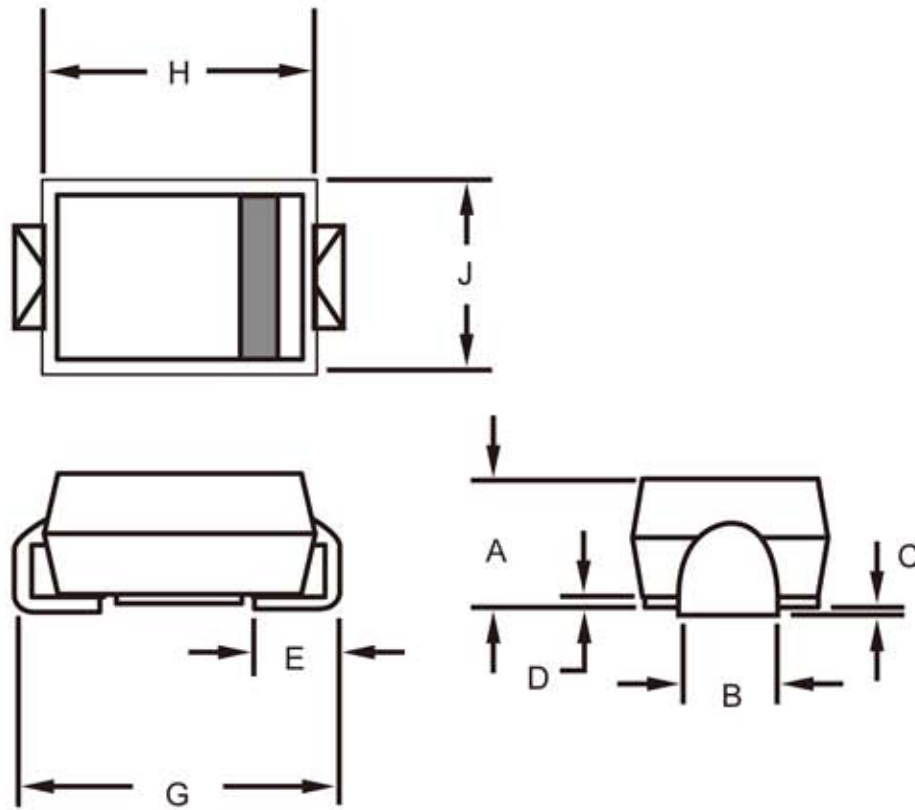
## ■ Package Outline



	SMA		SMB		SMC	
	Min.	Max.	Min.	Max.	Min.	Max.
A	3.99	4.5	4.06	4.7	6.6	7.11
B	2.54	2.79	3.3	3.94	5.59	6.22
C	1.32	1.47	1.91	2.11	2.92	3.18
D	0.15	0.31	0.15	0.31	0.15	0.31
E	4.93	5.28	5.08	5.59	7.75	8.13
F	0.05	0.127	0.05	0.2	0.05	0.2
G	1.98	2.29	2.13	2.44	2.01	2.62
H	0.76	1.52	0.76	1.27	0.76	1.52

( unit : mm)

■ Package Outline

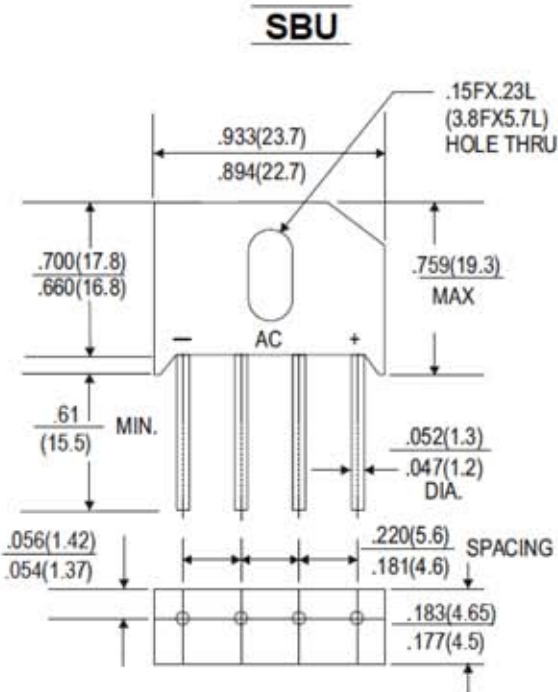
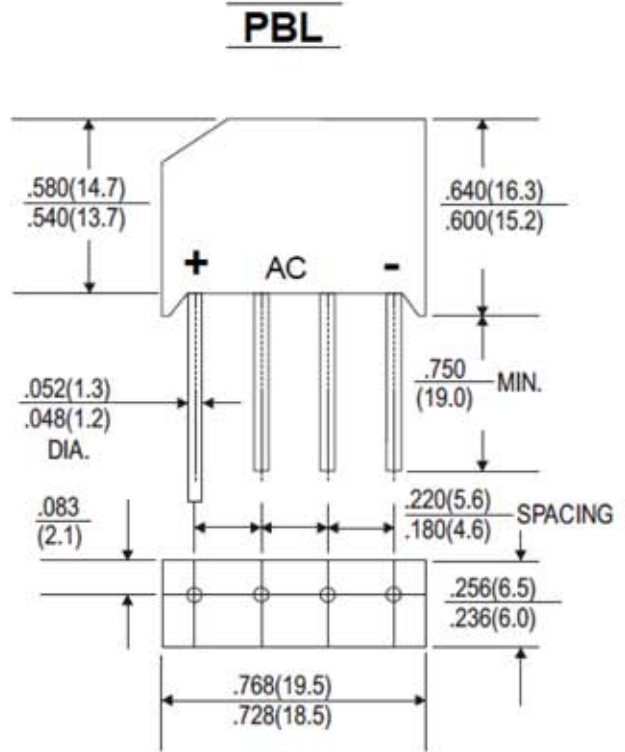
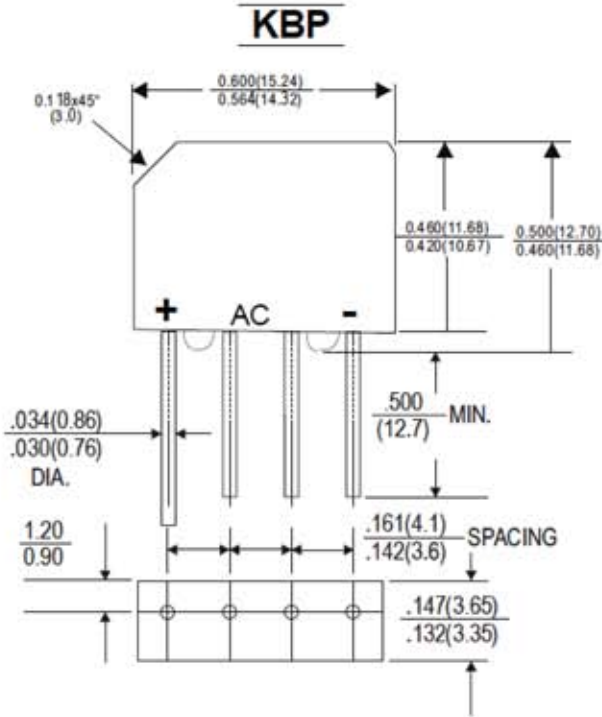


	SMAE		HSMB		HSMC	
	Min.	Max.	Min.	Max.	Min.	Max.
A	2.01	2.44	1.98	2.95	5.08	5.43
B	1.27	1.9	1.9	2.25	4.5	5.15
C	0.05	0.2	0.05	0.2	0.05	0.13
D	---	0.51	---	0.51	---	0.51
E	0.76	1.52	0.89	1.4	1.35	1.7
G	4.8	5.3	5.21	5.69	8.13	8.38
H	4	4.57	4.06	4.57	6.08	6.18
J	2.29	2.92	3.3	3.94	5.95	6.1

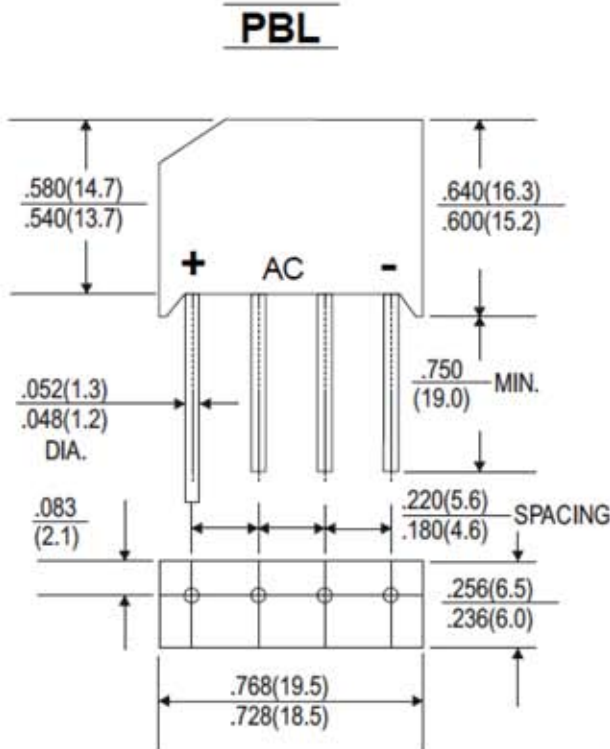
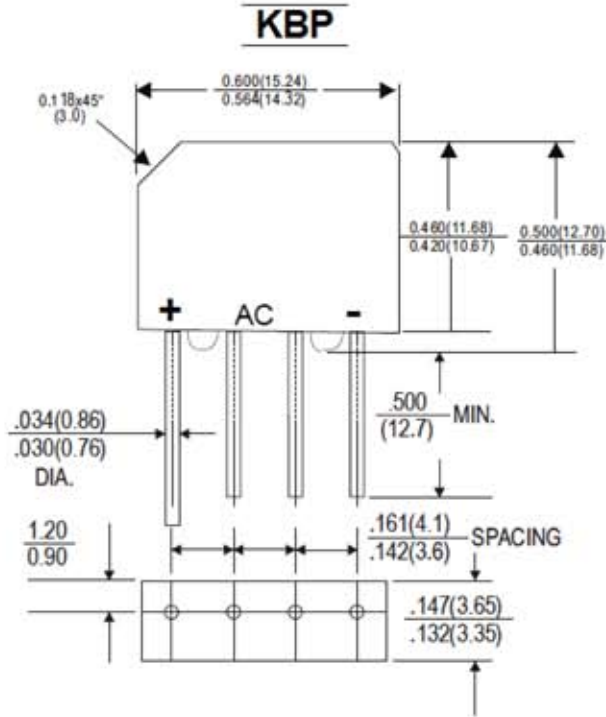
( unit : mm)



■ Package Outline

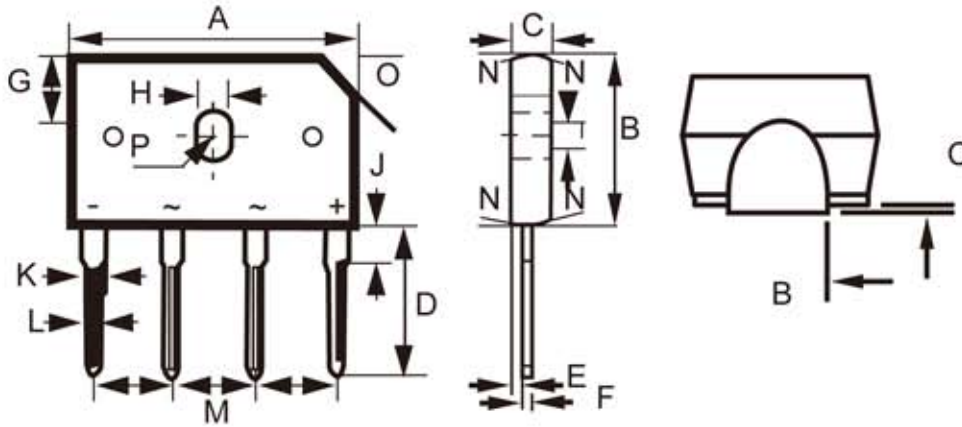


■ Package Outline



■ Package Outline

**GBU & GBU-S**



Package DIM	GBU		GBU-S	
	Min.	Max.	Min.	Max.
A	21.8	22.3	21.8	22.3
B	18.3	18.8	18.3	18.8
C	3.3	3.56	3.3	3.56
D	17.5	18	8.7	9.3
E	0.76	1	0.76	0.56
F	0.46	0.56	0.46	7.9
G	7.4	7.9	7.4	4.1
H	3.5	4.1	3.5	2.16
I	1.65	2.16	1.65	2.75
J	2.25	2.75	2.25	2.35
K	1.95	2.35	1.95	1.27
L	1.02	1.27	1.02	5.33
M	4.83	5.33	4.83	4.57
N	7 TYPICAL		7 TYPICAL	
O	3.2 x 45		3.2 x 45	
P	1.9 RADIUS		1.9 RADIUS	

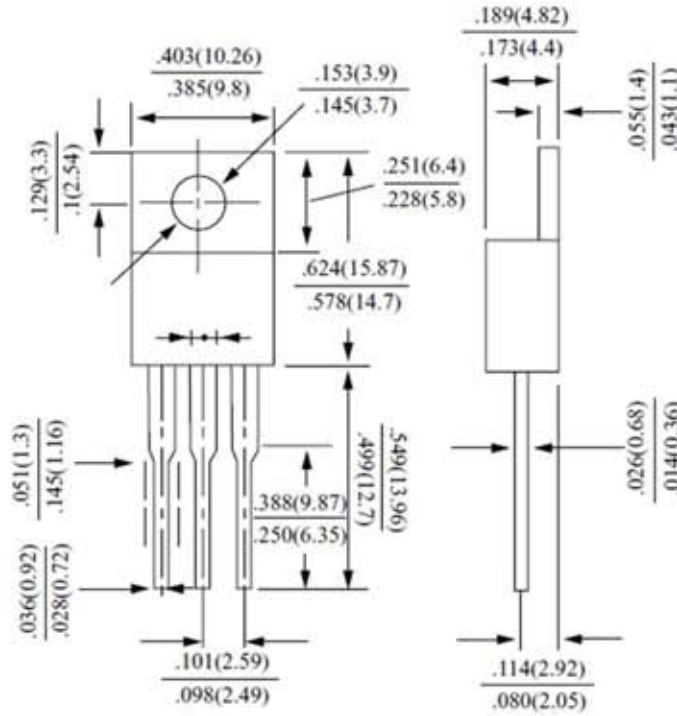


Compact Technology Corp.

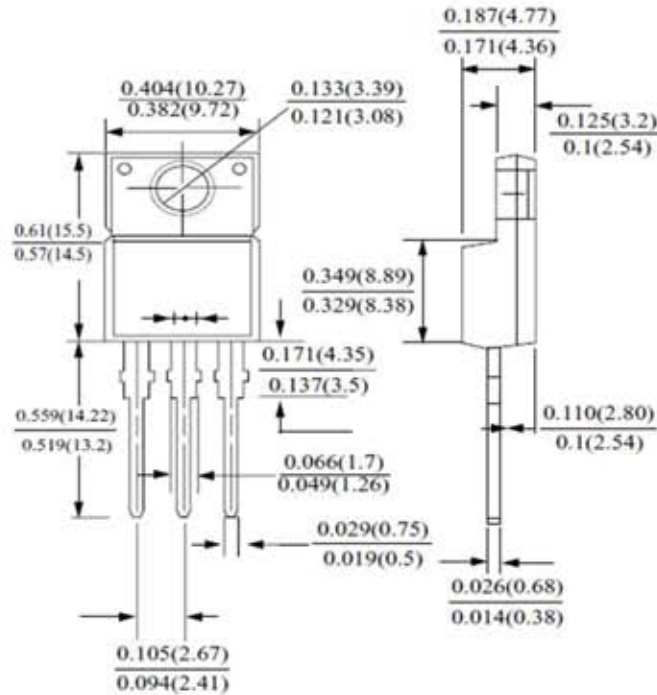
Professional & Devoted · Driving & Innovative 專業用心 · 驅動創新

Package Outline

TO-220AB



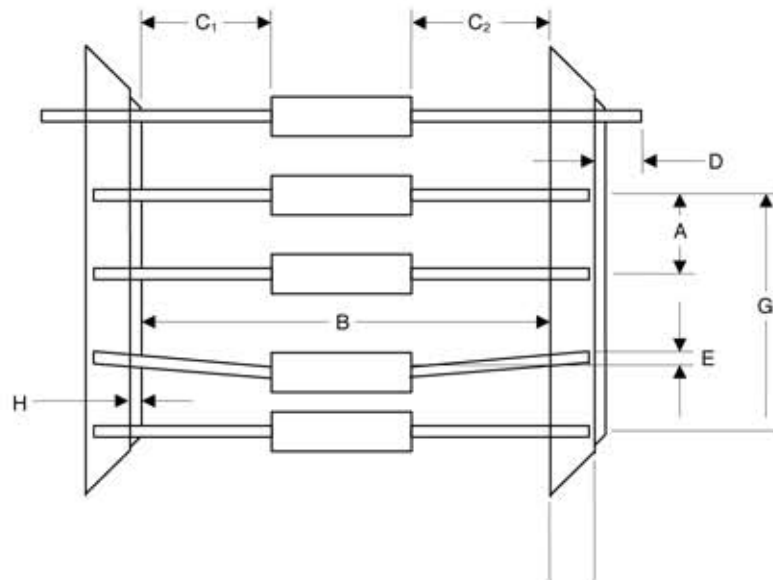
ITO-220AB



## Taping Specifications

Description	Dimension	Case Style	Specification(mm)
Component Pitch	A	DO-15, DO-41, A-405, R-1	5.0±0.5
		DO-201AD, R-6	10.0±0.5
Inside Tape Spacing	B	All	52.4±1.5
Lead To Lead Eccentricity	[C <sub>1</sub> - C <sub>2</sub> ]	All	1.0 Max.
Lead Extension	D	All	0.5 Max.
Lead Bending	E	All	1.2 Max.
Cumulative Pitch	G	All	1.5 per 10 pitch
Exposed Adhesive	H	All	0.8 Max.
Tape Width	J	All	6.0±0.4
Tape Leader	Beginning and end of reel or ammo pack		300.0 Min.
Empty Spaces	Consecutive missing components not allowed		<0.1%
Polarity Marking	All polarized components shall be oriented in the same direction. The cathode tape shall be colored and the anode tape shall be white or light beige.		

Dimensions apply to both sides of the reel





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