



# 常州国润电子有限公司

Changzhou Guorun Electronic co., LTD

## 超快恢复二极管系列 Ultra Fast Recovery Diodes

$T_j = -40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ ,  $T_{jm} = +125^{\circ}\text{C}$

型号 TYPE	电气特性 Electrical Characteristics								封装外形 Package Style
	$V_R = V_{RRM}$	$I_{FAV}$	$I_{FSM}$	$I_R$ at $V_R = V_{RRM}$		$V_{Fmax}$ at $I_F$		$T_{rr(max)}$	
				25°C	125°C	V	A	@RG1 CKT	
V	A	A	$\mu\text{A}$	mA	V	A	ns		
<b>MUR540</b>	400	5	100	5	0.50	1.30	5	35	<a href="#">TO-220AC</a>
<b>MUR560</b>	600	5	100	5	0.50	1.55	5	50	<a href="#">TO-220AC</a>
<b>MUR560L</b>	600	5	100	5	0.50	1.60	5	35	<a href="#">TO-220AC</a>
<b>MUR5100</b>	1000	5	90	5	0.50	1.80	5	50	<a href="#">TO-220AC</a>
<b>MUR5120</b>	1200	5	90	5	0.60	1.80	5	50	<a href="#">TO-220AC</a>
<b>MUR5120L</b>	1200	5	90	5	0.60	2.30	8	35	<a href="#">TO-220AC</a>
<b>MUR820</b>	200	8	150	5	0.50	0.950	8	35	<a href="#">TO-220AC</a>
<b>MUR840</b>	400	8	150	5	0.50	1.40	8	35	<a href="#">TO-220AC</a>
<b>MUR860</b>	600	8	150	5	0.50	1.55	8	50	<a href="#">TO-220AC</a>
<b>MUR860L</b>	600	8	150	5	0.50	1.60	8	35	<a href="#">TO-220AC</a>
<b>MUR8100</b>	1000	8	150	5	0.60	1.80	8	50	<a href="#">TO-220AC</a>
<b>MUR8120</b>	1200	8	130	5	0.60	1.80	8	50	<a href="#">TO-220AC</a>
<b>MUR8120L</b>	1200	8	130	5	0.60	2.30	8	35	<a href="#">TO-220AC</a>
<b>MUR1020</b>	200	10	200	5	0.50	0.950	10	35	<a href="#">TO-220AC</a>
<b>MUR1040</b>	400	10	200	5	0.50	1.400	10	35	<a href="#">TO-220AC</a>
<b>MUR1060</b>	600	10	200	5	0.50	1.55	10	50	<a href="#">TO-220AC</a>
<b>MUR1060L</b>	600	10	200	5	0.50	1.60	10	35	<a href="#">TO-220AC</a>
<b>MUR10100</b>	1000	10	175	5	0.60	1.80	10	50	<a href="#">TO-220AC</a>
<b>MUR10120</b>	1200	10	175	5	0.60	1.80	10	50	<a href="#">TO-220AC</a>
<b>MUR10120L</b>	1200	10	175	5	0.60	2.30	10	35	<a href="#">TO-220AC</a>
<b>MUR1020CT</b>	200	10	100	5	0.50	0.95	5	35	<a href="#">TO-220AB</a>
<b>MUR1040CT</b>	400	10	100	5	0.50	1.30	5	35	<a href="#">TO-220AB</a>
<b>MUR1060CT</b>	600	10	100	5	0.50	1.55	5	50	<a href="#">TO-220AB</a>
<b>MUR10100CT</b>	1000	10	90	5	0.50	1.80	5	50	<a href="#">TO-220AB</a>
<b>MUR10120CT</b>	1200	10	90	5	0.50	1.80	5	50	<a href="#">TO-220AB</a>

### APPLICATIONS

- \* Antiparallel diode for high frequency switching devices
- \* Recharger
- \* Free wheeling diode in converters and motor control circuits
- \* Rectifiers in switch mode power supplies (SMPS)
- \* Inductive heating and melting
- \* Uninterruptible power supplies (UPS)
- \* Ultrasonic cleaners and welders

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 Changzhou GuoRun Electronic Co., LTD.  
 联系人: 周忠 手机: 18015085836  
 Contact: ZhouZhong Mobile: 18015085836  
 TEL: 0519-86955736 86955936 FAX: 0519-86955836  
 地址: 常州市湖滨北路508号  
 Add: Changzhou Hubin North Road, No. 508  
<http://www.czguorun.com>



MUR  
TO-220AC  
TO-247AC



MUR  
TO-220AB  
TO-247AD



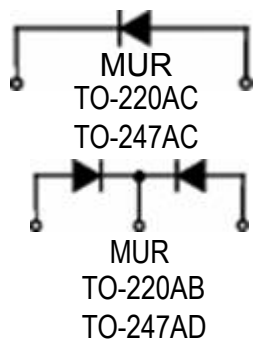
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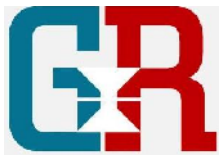
型号 TYPE	电气特性 Electrical Characteristics								封装外形 Package Style
	$V_R = V_{RRM}$	$I_{FAV}$	$I_{FSM}$	$I_R$ at $V_R = V_{RRM}$		$V_{Fmax}$ at $I_F$		$T_{rr(max)}$	
				25°C	125°C	V	A	@RG1 CKT	
V	A	A	$\mu\text{A}$	mA	V	A	ns		
<b>MUR1520</b>	200	15	275	5	1.00	1.0	15	35	<a href="#">TO-220AC</a>
<b>MUR1540</b>	400	15	275	5	1.00	1.45	15	35	<a href="#">TO-220AC</a>
<b>MUR1560</b>	600	15	275	5	1.00	1.55	15	50	<a href="#">TO-220AC</a>
<b>MUR1560L</b>	600	15	275	5	1.00	1.60	15	35	<a href="#">TO-220AC</a>
<b>MUR15100</b>	1000	15	250	5	1.00	1.80	15	50	<a href="#">TO-220AC</a>
<b>MUR15120</b>	1200	15	250	5	1.00	2.10	15	50	<a href="#">TO-220AC</a>
<b>MUR1620CT</b>	200	16	150	5	0.50	0.95	8	35	<a href="#">TO-220AB</a>
<b>MUR1640CT</b>	400	16	150	5	0.50	1.40	8	35	<a href="#">TO-220AB</a>
<b>MUR1660CT</b>	600	16	150	5	0.50	1.60	8	50	<a href="#">TO-220AB</a>
<b>MUR16100CT</b>	1000	16	150	5	0.50	1.80	8	50	<a href="#">TO-220AB</a>
<b>MUR16120CT</b>	1200	16	130	5	0.50	1.80	8	50	<a href="#">TO-220AB</a>
<b>MUR2020</b>	200	20	450	5	1.00	1.00	20	35	<a href="#">TO-220AC</a>
<b>MUR2040</b>	400	20	450	5	1.00	1.30	20	50	<a href="#">TO-220AC</a>
<b>MUR2060</b>	600	20	450	5	1.00	1.60	20	50	<a href="#">TO-220AC</a>
<b>MUR20100</b>	1000	20	425	5	1.00	1.90	20	50	<a href="#">TO-220AC</a>
<b>MUR20120</b>	1200	20	425	5	1.00	2.10	20	50	<a href="#">TO-220AC</a>
<b>MUR2020CT</b>	200	20	150	5	0.50	1.00	10	35	<a href="#">TO-220AB</a>
<b>MUR2040CT</b>	400	20	150	5	0.50	1.40	10	35	<a href="#">TO-220AB</a>
<b>MUR2060CT</b>	600	20	150	5	0.50	1.55	10	50	<a href="#">TO-220AB</a>
<b>MUR20100CT</b>	1000	20	150	5	0.60	1.80	10	50	<a href="#">TO-220AB</a>
<b>MUR20120CT</b>	1200	20	150	5	0.60	2.10	10	50	<a href="#">TO-220AB</a>
<b>MUR2920</b>	200	29	550	5	1.20	1.00	29	35	<a href="#">TO-220AC</a>
<b>MUR2940</b>	400	29	550	5	1.20	1.40	29	35	<a href="#">TO-220AC</a>
<b>MUR2960</b>	600	29	550	10	1.20	1.60	29	50	<a href="#">TO-220AC</a>
<b>MUR29100</b>	1000	29	550	10	1.50	1.8	29	50	<a href="#">TO-220AC</a>
<b>MUR29120</b>	1200	29	500	10	1.50	2.1	29	50	<a href="#">TO-220AC</a>



### APPLICATIONS

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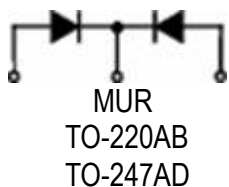
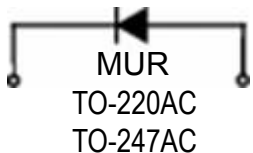
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				25°C	125°C	V	A	@RG1 CKT ns	
V	A	A	$\mu\text{A}$	mA	V	A	ns		
<b>MUR3020</b>	200	30	580	10	1.50	1.00	30	35	<a href="#">TO-247AC</a>
<b>MUR3040</b>	400	30	580	10	1.50	1.40	30	35	<a href="#">TO-247AC</a>
<b>MUR3060</b>	600	30	580	10	1.50	1.60	30	50	<a href="#">TO-247AC</a>
<b>MUR30100</b>	600	30	550	10	2.00	1.80	30	35	<a href="#">TO-247AC</a>
<b>MUR30120</b>	1000	30	550	10	2.00	2.10	30	50	<a href="#">TO-247AC</a>
<b>MUR3020PT</b>	200	30	300	5	1.00	1.00	15	35	<a href="#">TO-247AD</a>
<b>MUR3040PT</b>	400	30	300	5	1.00	1.40	15	35	<a href="#">TO-247AD</a>
<b>MUR3060PT</b>	600	30	300	5	1.00	1.60	15	50	<a href="#">TO-247AD</a>
<b>MUR30100PT</b>	1000	30	275	5	1.00	1.80	15	50	<a href="#">TO-247AD</a>
<b>MUR30120PT</b>	1200	30	275	5	1.00	2.1	15	50	<a href="#">TO-247AD</a>
<b>MUR4020PT</b>	200	40	450	10	1.50	1.00	20	35	<a href="#">TO-247AD</a>
<b>MUR4040PT</b>	400	40	450	10	1.50	1.40	20	35	<a href="#">TO-247AD</a>
<b>MUR4060PT</b>	600	40	450	10	1.50	1.60	20	50	<a href="#">TO-247AD</a>
<b>MUR40100PT</b>	1000	40	425	10	2.00	1.80	20	50	<a href="#">TO-247AD</a>
<b>MUR40120PT</b>	1200	40	425	10	2.00	2.10	20	50	<a href="#">TO-247AD</a>
<b>MUR6020</b>	200	60	750	10	3.00	1.00	60	35	<a href="#">TO-247AC</a>
<b>MUR6040</b>	400	60	750	10	3.00	1.40	60	35	<a href="#">TO-247AC</a>
<b>MUR6060</b>	600	60	750	10	3.00	1.60	60	50	<a href="#">TO-247AC</a>
<b>MUR60100</b>	1000	60	700	10	4.00	1.80	60	50	<a href="#">TO-247AC</a>
<b>MUR60120</b>	1200	60	700	10	4.00	2.10	60	50	<a href="#">TO-247AC</a>
<b>MUR6020PT</b>	200	60	580	10	1.50	1.00	30	35	<a href="#">TO-247AD</a>
<b>MUR6040PT</b>	400	60	580	10	1.50	1.40	30	35	<a href="#">TO-247AD</a>
<b>MUR6060PT</b>	600	60	580	10	2.00	1.60	30	50	<a href="#">TO-247AD</a>
<b>MUR60100PT</b>	1000	60	550	10	2.50	1.80	30	50	<a href="#">TO-247AD</a>
<b>MUR60120PT</b>	1200	60	550	10	3.00	2.10	30	50	<a href="#">TO-247AD</a>



### APPLICATIONS

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