Bridge Rectifiers, General Purpose

Single Phase, Full Wave

1.0 to 35 Amperes

100 to 1000 Volts

I_O (AMPS)	1.0		1.5		2.0
@T_A (°C)	50	75	50	50	55
@T_C (°C)					
I_{FSM} (AMPS)	50	30	50	50	60
CASE	DIP	CASE B-M	CASE A	CASE B-M	CASE A
V_{RRM} (VOLTS)					
100	**CBR1-D010**	**3N247-M**	**CBR1-010**	**CBR1-L010M**	**CBR2-010**
200	**CBR1-D020**	**3N248-M**	**CBR1-020**	**CBR1-L020M**	**CBR2-020**
400	**CBR1-D040**	**3N249-M**	**CBR1-040**	**CBR1-L040M**	**CBR2-040**
600	**CBR1-D060**	**3N250-M**	**CBR1-060**	**CBR1-L060M**	**CBR2-060**
800	**CBR1-D080**	**3N251-M**	**CBR1-080**	**CBR1-L080M**	**CBR2-080**
1000	**CBR1-D100**	**3N252-M**	**CBR1-100**	**CBR1-L100M**	**CBR2-100**

V_F MAX @ I_F	1.1V @ 1.0A	1.3V @ 3.14A	1.0V @1.0A	1.0V @1.0A	1.1V @ 2.0A
I_R MAX @ V_{RRM}	10µA	10µA	10µA	10µA	10µA

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Bridge Rectifiers, General Purpose
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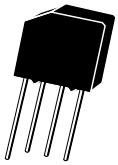
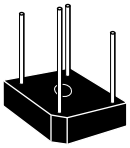
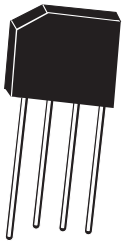
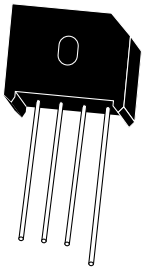
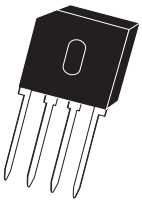
I_O (AMPS)	2.0		3.0	4.0		
@T_A (°C)	55	55	2.0 @ 25	50	4.0 @ 25	
@T_C (°C)			3.0 @ 50		8.0 @ 100	100
I_{FSM} (AMPS)	60	55	50	200	300	150
CASE	 CASE B-M		 CASE C	 CASE D	 CASE DM	 CASE DMM
V_{RRM} (VOLTS)						
100	**CBR2-L010M**	**3N254-M**	**CBR3-P010**	**CBR4-L010**	**CBR4M-L010**	**CBR4M-L010M**
200	**CBR2-L020M**	**3N255-M**	**CBR3-P020**	**CBR4-L020**	**CBR4M-L020**	**CBR4M-L020M**
400	**CBR2-L040M**	**3N256-M**	**CBR3-P040**	**CBR4-L040**	**CBR4M-L040**	**CBR4M-L040M**
600	**CBR2-L060M**	**3N257-M**	**CBR3-P060**	**CBR4-L060**	**CBR4M-L060**	**CBR4M-L060M**
800	**CBR2-L080M**	**3N258-M**	**CBR3-P080**	**CBR4-L080**	**CBR4M-L080**	**CBR4M-L080M**
1000	**CBR2-L100M**	**3N259-M**	**CBR3-P100**	**CBR4-L100**	**CBR4M-L100**	**CBR4M-L100M**

V_F MAX @ I_F	1.1V @ 2.0A	1.1V@3.14A	1.1V @ 1.5A	1.1V @ 3.0A	1.1V @ 6.28A	1.0V @ 4.0A
I_R MAX @ V_{RRM}	10µA	10µA	10µA	10µA	10µA	5.0µA

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Bridge Rectifiers, General Purpose
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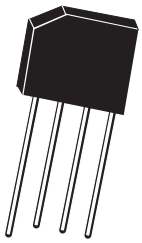
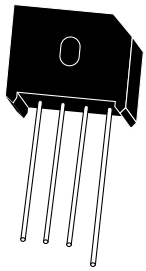
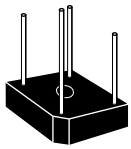
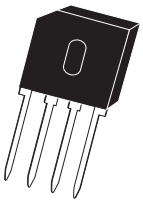
I_O (AMPS)	6.0			
@T_A (°C)	50	50	50	
@T_C (°C)		100	100	100
I_{FSM} (AMPS)	200	250	150	175
CASE	 CASE D	 CASE DM	 CASE CM	 CASE DMM
V_{RRM} (VOLTS)				
100	**CBR6-L010**	**CBR6M-L010**	**CBR6-010**	**CBR6M-L010M**
200	**CBR6-L020**	**CBR6M-L020**	**CBR6-020**	**CBR6M-L020M**
400	**CBR6-L040**	**CBR6M-L040**	**CBR6-040**	**CBR6M-L040M**
600	**CBR6-L060**	**CBR6M-L060**	**CBR6-060**	**CBR6M-L060M**
800	**CBR6-L080**	**CBR6M-L080**	**CBR6-080**	**CBR6M-L080M**
1000	**CBR6-L100**	**CBR6M-L100**	**CBR6-100**	**CBR6M-L100M**

V_F MAX @ I_F	1.1V @ 3.0A	1.0V @ 6.0A	1.1V @ 3.0A	1.0V @ 6.0A
I_R MAX @ V_{RRM}	10µA	10µA	10µA	5.0µA

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Bridge Rectifiers, General Purpose
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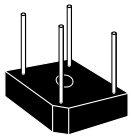
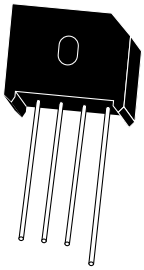
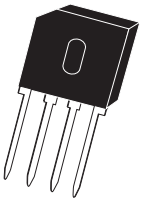
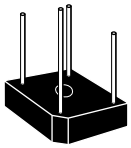
I_O (AMPS)	8.0			10
@T_A (°C)	50	50		
@T_C (°C)	100	100	100	100
I_{FSM} (AMPS)	125	300	200	150
CASE	 CASE E	 CASE DM	 CASE DMM	 CASE CM
V_{RRM} (VOLTS)				
100	**CBR8-010**	**CBR8M-L010**	**CBR8M-L010M**	**CBR10-J010**
200	**CBR8-020**	**CBR8M-L020**	**CBR8M-L020M**	**CBR10-J020**
400	**CBR8-040**	**CBR8M-L040**	**CBR8M-L040M**	**CBR10-J040**
600	**CBR8-060**	**CBR8M-L060**	**CBR8M-L060M**	**CBR10-J060**
800	**CBR8-080**	**CBR8M-L080**	**CBR8M-L080M**	**CBR10-J080**
1000	**CBR8-100**	**CBR8M-L100**	**CBR8M-L100M**	**CBR10-J100**

V_F MAX @ I_F	1.1V @ 4.0A	1.0V @ 8.0A	1.0V @ 8.0A	1.2V @ 5.0A
I_R MAX @ V_{RRM}	10µA	10µA	5.0µA	10µA

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Bridge Rectifiers, General Purpose
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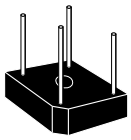
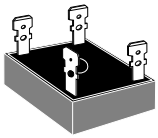
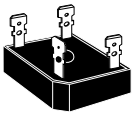
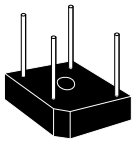
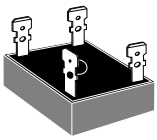
I_O (AMPS)	10				25
@T_A (°C)					
@T_C (°C)	80	60	60	60	60
I_{FSM} (AMPS)	150	300	300	300	350
CASE	 CASE E	 CASE F	 CASE FP	 CASE FPW	 CASE F
100	**CBR10-P010**	**CBR10-010**	**CBR10-010P**	**CBR10-010PW**	**CBR25-010**
200	**CBR10-P020**	**CBR10-020**	**CBR10-020P**	**CBR10-020PW**	**CBR25-020**
400	**CBR10-P040**	**CBR10-040**	**CBR10-040P**	**CBR10-040PW**	**CBR25-040**
600	**CBR10-P060**	**CBR10-060**	**CBR10-060P**	**CBR10-060PW**	**CBR25-060**
800	**CBR10-P080**	**CBR10-080**	**CBR10-080P**	**CBR10-080PW**	**CBR25-080**
1000	**CBR10-P100**	**CBR10-100**	**CBR10-100P**	**CBR10-100PW**	**CBR25-100**

V_F MAX @ I_F	1.2V @ 5.0A	1.2V @ 5.0A	1.2V @ 5.0A	1.2V @ 5.0A	1.2V @ 12.5A
I_R MAX @ V_{RRM}	10µA	10µA	10µA	10µA	10µA

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Bridge Rectifiers, General Purpose
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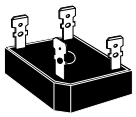
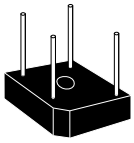
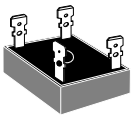
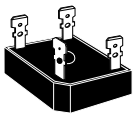
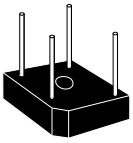
I_O (AMPS)	25		35		
@T_A (°C)					
@T_C (°C)	60	60	60	60	60
I_{FSM} (AMPS)	350	350	400	400	400
CASE	 CASE FP	 CASE FPW	 CASE F	 CASE FP	 CASE FPW
V_{RRM} (VOLTS)					
100	**CBR25-010P**	**CBR25-010PW**	**CBR35-010**	**CBR35-010P**	**CBR35-010PW**
200	**CBR25-020P**	**CBR25-020PW**	**CBR35-020**	**CBR35-020P**	**CBR35-020PW**
400	**CBR25-040P**	**CBR25-040PW**	**CBR35-040**	**CBR35-040P**	**CBR35-040PW**
600	**CBR25-060P**	**CBR25-060PW**	**CBR35-060**	**CBR35-060P**	**CBR35-060PW**
800	**CBR25-080P**	**CBR25-080PW**	**CBR35-080**	**CBR35-080P**	**CBR35-080PW**
1000	**CBR25-100P**	**CBR25-100PW**	**CBR35-100**	**CBR35-100P**	**CBR35-100PW**

V_F MAX @ I_F	1.2V @ 12.5A	1.2V @ 12.5A	1.2V @ 17.5A	1.2V @ 17.5A	1.2V @ 17.5A
I_R MAX @ V_{RRM}	10µA	10µA	10µA	10µA	10µA

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Bridge Rectifiers, General Purpose
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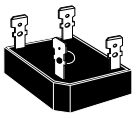
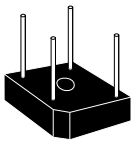
I_O (AMPS)	50	
@T_A (°C)		
@T_C (°C)	55	55
I_{FSM} (AMPS)	400	400
CASE	 CASE FP	 CASE FPW
V_{RRM} (VOLTS)		
100		
200	CBR50-020P	CBR50-020PW
400	CBR50-040P	CBR50-040PW
600	CBR50-060P	CBR50-060PW
800	CBR50-080P	CBR50-080PW
1000	CBR50-100P	CBR50-100PW

V_F MAX @ I_F	1.1V @ 25A	1.1V @ 25A
I_R MAX @ V_{RRM}	5.0µA	5.0µA

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