





FAST RECOVERY RECTIFIERS

I _o (A)	0.5		1.0	
CASE TYPE	DO-204AL	DO-213AA MINI-MELF	MPG06	DO-204AL
V _{RRM} (VOLTS)				
50			RMPG06A#	
100			RMPG06B#	
200			RMPG06D#	
300				
400			RMPG06G#	
500				
600			RMPG06J#	
700				
800				
1000				
1100				
1200-2000				
SURGE (A)			40.0	
t _{rr} (ns)			150-200 (*ckt #1)	

Notes:





(1) "E" suffix indicates .026"/.023" (.66 / .58mm) diameter leads which are available upon request

#Uses glass passivated chips

■ Shaded area indicates SUPERECTIFIER*

*Circuits are on page 95









FAST RECOVERY RECTIFIERS (cont.)

I _o (A)	1.0						
CASE TYPE	DO-204AC	DO-204AP			DO-204AL	DO-213AB MELF	
V _{RRM} (VOLTS)							
50	G1010		RG1A		SRP100A	1N4933*	RGL1A
100	G1011		RG1B		SRP100B	1N4934*	RGL1B
200	G1012	1N5615*	RG1D	1N4942*	SRP100D	1N4935*	RGL1D
300	G1013						RGL1E
400	G1014	1N5617*	RG1G	1N4944*	SRP100G	1N4936*	RGL1G
500	G1015						RGL1H
600	G1016	1N5619*	RG1J	1N4946*	SRP100J	1N4937*	RGL1J
700	G1017						RGL1K
800	G1018	1N5621*	RG1K	1N4947	SRP100K		RGL1K
1000	G1019	1N5623*	RG1M	1N4948*			RGL1M
1100	G1020						RGL1N
SURGE (A)	30.0	50.0	30.0	25.0	30.0	30.0	30.0
t _r (ns)	750 (**ckt #2)	150-500 (**ckt #1)	150-500 (**ckt #1)	150-500 (**ckt #1)	100-200 (**ckt #1)	200 (**ckt #2)	150-500 (**ckt #1)

Notes:

- Shaded area indicates SUPERECTIFIER®
- * Also available in SUPERECTIFIER® by adding "GP" suffix
- **Circuits are on page 95

FAST RECOVERY RECTIFIERS (cont.)

I_o (A)	1.0			1.5			2.0		
V_{RRM} (VOLTS)	DO-213AB MELF 	DO-214AC 	DO-214BA 	DO-204AC 	DO-204AP 	DO-214AA 	GP20 	DO-204AP 	
50	BYM11-50*	RS1A#	RGF1A	RGP15A		RS2A#	RGP20A	RG2A	
100	BYM11-100*	RS1B#	RGF1B	RGP15B		RS2B#	RGP20B	RG2B	
200	BYM11-200*	RS1D#	RGF1D	RGP15D	BYV95A	RS2D#	RGP20D	RG2D	BYW32
300									BYW33
400	BYM11-400*	RS1G#	RGF1G	RGP15G	BYV95B	RS2G#	RGP20G	RG2G	BYW34
500									BYW35
600	BYM11-600*	RS1J#	RGF1J	RGP15J	BYV95C	RS2J#	RGP20J	RG2J	BYW36
700									
800	BYM11-800*	RS1K#	RGF1K	RGP15K	BYV96D	RS2K#		RG2K	
1000	BYM11-1000*		RGF1M	RGP15M	BYV96E	RS2M#		RG2M	
SURGE (A)	30.0	30.0	30.0	50.0	35.0	50.0	50.0	50.0	50.0
t_{rr}(ns)	150-500 (*ckt #1)	150-250 (*ckt #1)	150-500 (*ckt #1)	150-500 (*ckt #1)	250-500 (*ckt #1)	150-500 (*ckt #1)	150-500 (*ckt #1)	150-500 (*ckt #1)	200 (*ckt #1)

Notes:










 Shaded area indicates SUPERRECTIFIER®

(1) BYM11-XX numbers (European designations) are equivalent to the RGL41 series


#Uses glass passivated chips

*Circuits are on page 95

FAST RECOVERY RECTIFIERS (cont.)

Io (A)	2.5		3.0						
CASE TYPE	DO-201AD		DO-214AB	G3		G4		DO-201AD	
VRRM (VOLTS)									
50	RGP25A	RGP30A	RS3A#	RG3A		1N5415	RG4A	GI910	GI850
100	RGP25B	RGP30B	RS3B#	RG3B		1N5416	RG4B	GI911	GI851
200	RGP25D	RGP30D	RS3D#	RG3D	BYW72	1N5417	RG4D	GI912	GI852
300					BYW73				
400	RGP25G	RGP30G	RS3G#	RG3G	BYW74	1N5418	RG4G	GI914	GI854
500					BYW75	1N5419			
600	RGP25J	RGP30J	RS3J#	RG3J	BYW76	1N5420	RG4J	GI916	GI856
700									
800	RGP25K	RGP30K	RS3K#	RG3K				GI917	
1000	RGP25M	RGP30M		RG3M					
SURGE (A)	100.0	125.0	100.0	100.0	60.0	80.0	100.0	100.0	100.0
tr (ns)	150-500 (*ckt #1)	150-500 (*ckt #1)	150-500 (*ckt #1)	150-500 (*ckt #1)	200.0 (*ckt #1)	150-400 (*ckt #1)	150-500 (*ckt #1)	750 (*ckt #2)	200 (*ckt #2)





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FAST RECOVERY RECTIFIERS (cont.)

I _o (A)	3.0		5.0		6.0
CASE TYPE	DO-201AD		P600	DO-201AD	P600
V _{RRM} (VOLTS)					
50	SRP300A		G1820		SRP600A
100	SRP300B	BY396P	G1821	BY500-100	SRP600B
200	SRP300D	BY397P	G1822	BY500-200	SRP600D
300					
400	SRP300G	BY398P	G1824	BY500-400	SRP600G
500					
600	SRP300J		G1826	BY500-600	SRP600J
700					
800	SRP300K	BY399P	G1828	BY500-800	SRP600K
SURGE(A)	150.0	100.0	300.0	200.0	300.0
t _r (ns)	100-200 (*ckt #1)	500 (*ckt #3)	200 (*ckt #2)	200 (*ckt #2)	100-200 (*ckt #1)

*Circuits are on page 95