READED (THRU-HOLE) INTERNATIONAL General Purpose & Fast Recovery Rectifiers

GENERAL PL	JRPOSE RE	Operating Temperature: -65°C to 125°C						
RF	Cross	Max Avg.	Peak	Peak Fwd Surge	Max Forward	Max Forward Max Reverse Package		Outline
Part Number Reference		Rectified	Inverse	Current @ 8.3ms	Voltage @ 25°C	Current @ 25°C		(Max in inches)
		Current	Voltage	Superimposed	@ Rated I_0	@ Rated PIV		
		I _O (A)	PIV(V)	I _{FSM} (A)	V _{FM} (V)	I _R (A)	Bulk/Reel	1
10A05		10.0 A	50	600	1.0	10.0	200/500	
10A10		10.0 A	100	600	1.0	10.0	200/500	R-6
10A20		10.0 A	200	600	1.0	10.0	200/500	.050 Ø Typ360 Ø
10A40		10.0 A	400	600	1.0	10.0	200/500	
10A60		10.0 A	600	600	1.0	10.0	200/500	
10A80		10.0 A	800	600	1.0	10.0	200/500	¹ 1.0 Min. ¹ .360' 1.0 Min. ¹
10A100		10.0 A	1000	600	1.0	10.0	200/500	
GPA801		8.0 A	50	150	1.1	5.0	50/Tube	
GPA802		8.0 A	100	150	1.1	5.0	50/Tube	
GPA803		8.0 A	200	150	1.1	5.0	50/Tube	
GPA804		8.0 A	400	150	1.1	5.0	50/Tube	
GPA805		8.0 A	600	150	1.1	5.0	50/Tube	1
GPA806		8.0 A	800	150	1.1	5.0	50/Tube	TO-220A .16 .155Ø
GPA807		8.0 A	1000	150	1.1	5.0	50/Tube	.200 Typ. 42
GPA1601		16.0 A	50	150	1.1	10.0	50/Tube	
GPA1602		16.0 A	100	150	1.1	10.0	50/Tube	.024 126 .053
GPA1603		16.0 A	200	150	1.1	10.0	50/Tube	
GPA1604		16.0 A	400	150	1.1	10.0	50/Tube	
GPA1605		16.0 A	600	150	1.1	10.0	50/Tube	
GPA1606		16.0 A	800	150	1.1	10.0	50/Tube	
GPA1607		16.0 A	1000	150	1.1	10.0	50/Tube	
GP1601		16.0 A	50	150	1.1	10.0	50/Tube	
GP1602		16.0 A	100	150	1.1	10.0	50/Tube	TO-220 .16 ++.36+155Ø
GP1603		16.0 A	200	150	1.1	10.0	50/Tube	
GP1604		16.0 A	400	150	1.1	10.0	50/Tube	$\begin{array}{c} 100 \\ Typ. T \\ 103 \\ \hline \end{array}$
GP1605		16.0 A	600	150	1.1	10.0	50/Tube	56 + .60 - 187
GP1606		16.0 A	800	150	1.1	10.0	50/Tube	.024 126
GP1607		16.0 A	1000	150	1.1	10.0	50/Tube	

FAST RECOV	/ERY								Operating Temperature: -65°C to 125°C
RF	Cross	Max Avg.	Peak	Peak Fwd Surge	Max Forward	Max Reverse	Reverse	Package	Outline
Part Number	Reference	Rectified	Inverse	Current @ 8.3ms	Voltage @ 25°C	Current @ 25°C	Recovery Time		(Max in inches)
		Current	Voltage	Superimposed	@ Rated I _o	@ Rated PIV	@ Rated PIV		
		I _O (A)	PIV(V)	I _{FSM} (A)	V _{FM} (V)	I _R (A)	T _{RR} (ns)	Bulk/Reel	
FR101	1N4933	1.0 A	50	30	1.3	5.0	150	1000/5000	
FR102	1N4934	1.0 A	100	30	1.3	5.0	150	1000/5000	DO-41
FR103	1N4935	1.0 A	200	30	1.3	5.0	150	1000/5000	.031ØTyp107Ø
FR104	1N4936	1.0 A	400	30	1.3	5.0	150	1000/5000	
FR105	1N4937	1.0 A	600	30	1.3	5.0	250	1000/5000	1.0 Min205 1.0 Min.
FR106		1.0 A	800	30	1.3	5.0	500	1000/5000	1.0 Min. (.203) 1.0 Min. (
FR107		1.0 A	1000	30	1.3	5.0	500	1000/5000	
FR151		1.5 A	50	60	1.3	5.0	150	500/4000	
FR152		1.5 A	100	60	1.3	5.0	150	500/4000	
FR153		1.5 A	200	60	1.3	5.0	150	500/4000	
FR154		1.5 A	400	60	1.3	5.0	150	500/4000	
FR155		1.5 A	600	60	1.3	5.0	250	500/4000	
FR156		1.5 A	800	60	1.3	5.0	500	500/4000	DO-15
FR157		1.5 A	1000	60	1.3	5.0	500	500/4000	.031ØTyp140Ø
FR201		2.0 A	50	70	1.3	5.0	150	500/4000	
FR202		2.0 A	100	70	1.3	5.0	150	500/4000	
FR203		2.0 A	200	70	1.3	5.0	150	500/4000	1.0 Min300 1.0 Min.
FR204		2.0 A	400	70	1.3	5.0	150	500/4000	
FR205		2.0 A	600	70	1.3	5.0	250	500/4000	
FR206		2.0 A	800	70	1.3	5.0	500	500/4000	
FR207		2.0 A	1000	70	1.3	5.0	500	500/4000	
FR301		3.0 A	50	200	1.3	10.0	150	500/1200	
FR302		3.0 A	100	200	1.3	10.0	150	500/1200	DO-201AD
FR303		3.0 A	200	200	1.3	10.0	150	500/1200	.050ØTyp
FR304		3.0 A	400	200	1.3	10.0	150	500/1200	
FR305		3.0 A	600	200	1.3	10.0	250	500/1200	
FR306		3.0 A	800	200	1.3	10.0	500	500/1200	1.0 Min375 1.0 Min.
FR307		3.0 A	1000	200	1.3	10.0	500	500/1200	
FR601		6.0 A	50	300	1.3	10.0	150	200/500	
FR602		6.0 A	100	300	1.3	10.0	150	200/500	R-6
FR603		6.0 A	200	300	1.3	10.0	150	200/500	.050 Ø Typ360 Ø
FR604		6.0 A	400	300	1.3	10.0	150	200/500	
FR605		6.0 A	600	300	1.3	10.0	250	200/500	
FR606		6.0 A	800	300	1.3	10.0	500	200/500	1.0 Min360 1.0 Min.
FR607		6.0 A	1000	300	1.3	10.0	500	200/500	

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