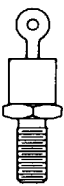
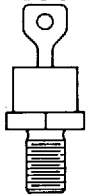

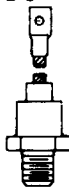



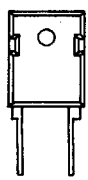


Fast Recovery

Peak Reverse Voltage (PRV Volts)	IO, Average Rectified Forward Current (Amps)										
	12 A		40 A		85 A		150 A		250A	430A	700A
200	ECG5818		ECG6006								
200	ECG5819*		ECG6007*								
400	ECG5820		ECG6008								
400	ECG5821*		ECG6009*								
600	ECG5822		ECG6010		ECG6036						
600	ECG5823*		ECG6011*		ECG6037*						
1000		ECG5824		ECG6032		ECG6046	ECG6130				
1000		ECG5825*		ECG6033*		ECG6047*	ECG6131*				
1400							ECG6132	ECG6368	ECG6128		
1400							ECG6133*	ECG6369*			
1600										ECG6129	
IFM Surge	200 A		350 A		1100 A		3700 A		4500 A	4500 A	8000 A
T _C at Rated I _O (°C) Max	+ 100		+ 75		+ 75		+ 85		+ 85	+ 55	+ 55
V _F at Rated I _O	0.9 V Typ 1.4 V Max		1.0 V Typ 1.9 V Max		1.7 V Max		1.6 V Max		2 V Max	2 V Max	2.2 V Max
Reverse Recovery Time (ns)	200	500	200	500	200	500	1 μs	1.5 μs	1 μs	1 μs	2 μs
Fig. No.	Z19		Z20				Z29		Z30	Z32	Z33
Package	DO-4 		DO-5 				DO-8 		DO-9 	HR-16 	HR-23 

Ultra Fast Recovery

Peak Reverse Voltage (PRV Volts)	IO Average Rectified Forward Current (Amps)						
	8 A			15A	16 A	60A	
200	ECG597			ECG599			
400							
600	ECG598			ECG6248		ECG6249	
1000						ECG6250	
1200				ECG6245			
IFM Surge (Per Diode)	100 A	100 A	120 A	200 A	250 A	500 A	
T _C @ Rated I _O Max (°C)	+ 125	+ 125	+ 100	+ 150	+ 100	+ 70	+ 60
Forward Voltage Drop @ Rated I _O , V _F (Volts) (Per Diode)	1.3	1.5	2.0	1.0	1.5	1.5	1.8
Reverse Recovery Time (ns)	35	60	100	35	50	35	35
Fig. No.	Z41A					Z70	
Package	TO-220 (2-Pin) 					TO-247 (2-Pin) 	

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