

Diode Data

**Computer Diodes (Glass Package)** (Continued)

T-01-01

Device No.	Package No.	V <sub>RRM</sub> V Min	I <sub>R</sub> nA Max	V <sub>R</sub> V	V <sub>F</sub> V		I <sub>F</sub> mA	C pF Max	t <sub>rr</sub> ns Max	Test Cond.	Proc. No.
					Min	Max					
BAY74	DO-35	50	100	35	0.54	0.65	1.0	3.0	4.0	(Note 5)	D4
					0.65	0.77	10.0				
					0.73	0.88	50.0				
					0.78	0.93	100.0				
					0.82	1.0	200.0				
					0.85	1.10	300.0				
BAY82	DO-7	15	100	12	0.41	0.53	0.010	1.3	0.75	(Note 2)	D3
					0.53	0.66	0.1				
					0.64	0.79	1.0				
					0.77	0.94	10				
					0.80	1.00	20				
					0.90	1.35	50				
FD700	DO-7	30	50	20	0.42	0.50	0.01	1.0	0.70	(Note 2)	D3
					0.52	0.61	0.1				
					0.64	0.74	1.0				
					0.76	0.88	10				
					0.81	0.95	20				
					0.89	1.10	50				
FD777	DO-7	15	100	8	0.42	0.53	0.01	1.3	0.75	(Note 2)	D3
					0.52	0.64	0.1				
					0.64	0.79	1.0				
					0.76	0.94	10				
					0.81	1.00	20				
					0.89	1.35	50				

Note 1: I<sub>F</sub> = 10 mA, V<sub>R</sub> = 6V, R<sub>L</sub> = 100Ω, Recovery to 1.0 mA.  
 Note 2: I<sub>F</sub> = I<sub>R</sub> = 10 mA, R<sub>L</sub> = 100Ω.  
 Note 3: I<sub>F</sub> = 10 mA, I<sub>R</sub> = 1 mA, V<sub>R</sub> = 6V, R<sub>L</sub> = 100Ω.  
 Note 4: I<sub>F</sub> = 10 mA, I<sub>R</sub> = 6 mA, V<sub>R</sub> = 6V, R<sub>L</sub> = 100Ω, Recovery to 1 mA.  
 Note 5: I<sub>F</sub> = 10 mA to 200 mA, Recovery to 100% of I<sub>F</sub>.

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Device No.	Package No.	V <sub>RRM</sub> V Min	I <sub>R</sub> nA Max	V <sub>R</sub> V	V <sub>F</sub> V		I <sub>F</sub> mA	C pF Max	t <sub>rr</sub> ns Max	Test Cond.	Proc. No.
					Min	Max					
FDH600	DO-35	75	100	50		0.65	1.0	2.5	4.0	(Note 2)	D4
						0.79	10				
						0.86	50				
						0.92	100				
						1.0	200				
FDH666	DO-35	40	100	25		0.65	1.0	3.5	4.0 <sup>o</sup>	(Note 1)	D4
						0.79	10.0				
						0.86	50.0				
						1.0	100.0				
FDH900	DO-35	45	500	40		1.0	100.0	3.0	4.0	(Note 2)	D4
FDH999	DO-35	35	1000	25		1.0	10.0	5.0	5.0	(Note 2)	D4

Note 1: I<sub>F</sub> = I<sub>R</sub> = 10 mA, R<sub>L</sub> = 100Ω, Recovery to 0.1 I<sub>R</sub>.  
 Note 2: I<sub>F</sub> = 10 mA, I<sub>R</sub> = 10 mA, R<sub>L</sub> = 100Ω, I<sub>r</sub> = 1.0 mA.