

RECTIFIER DIODES

FAST RECOVERY RECTIFIER DIODES < 100 A (Continued)

Type	I_O (A)	V_{RRM} (V)	I_{FSM} 10 ms (A)	V_F / I_F max (V) (A)	I_R/V_{RRM} $T_j = 100^\circ\text{C}$ max (mA)	t_{rr} (1) max (ns)	Package
ESM 765PI-600 ESM 765PI-800	10	600 800	120	1.4 10	1	300	DO 220 I
BYX 61- 50, (R) BYX 61-100, (R) BYX 61-200, (R) BYX 61-300, (R) BYX 61-400, (R)	12	50 100 200 300 400	150	1.5 12	3	100	DO 4*
1N 3889, (R) 1N 3890, (R) 1N 3891, (R) 1N 3892, (R) 1N 3893, (R) BYX 62-600, (R)	12	50 100 200 300 400 600	150	1.4 12	3	200	DO 4*
1N 3899, (R) 1N 3900, (R) 1N 3901, (R) 1N 3902, (R) 1N 3903, (R) BYX 63-600, (R)	20	50 100 200 300 400 600	225	1.4 20	6	200	DO 5**
BYX 65- 50, (R) BYX 65-100, (R) BYX 65-200, (R) BYX 65-300, (R) BYX 65-400, (R)	30	50 100 200 300 400	300	1.5 30	10	100	DO 5**
1N 3909, (R) 1N 3910, (R) 1N 3911, (R) 1N 3912, (R) 1N 3913, (R) BYX 64-600, (R)	30	50 100 200 300 400 600	300	1.4 30	6	200	DO 5**
ESM 243- 50, (R) ESM 243-100, (R) ESM 243-200, (R) ESM 243-300, (R) ESM 243-400, (R)	60	50 100 200 300 400	800	1.5 60	10	100	DO 5***
ESM 244- 50, (R) ESM 244-100, (R) ESM 244-200, (R) ESM 244-300, (R) ESM 244-400, (R) ESM 244-500, (R) ESM 244-600, (R)	60	50 100 200 300 400 500 600	800	1.5 60	6	200	DO 5***

(1) $I_F = 1 \text{ A}$ $V_R = 30 \text{ V}$ $di_F/dt = -15 \text{ A}/\mu\text{s}$ — $I_{rr} = 0.2 I_{RM}$

* 10-32 UNF - M5 thread available on request → Type number + suffix M.

** 1/4"-28 UNF - M6 thread available on request → Type number + suffix M.

*** M6 thread.

Type number : cathode to case.

Type number + suffix R : anode to case.