

RECTIFIER DIODES

«SUPERSWITCH 2» ULTRA-FAST RECOVERY RECTIFIER DIODES < 100 A

VRRM = 1000, 1200 V $t_{rr} \leq 70$ ns

	Type	I _O (A)	VRRM (V)	I _{FSM} 10 ms (A)	V _F / I _F max (V) (A)		I _R /VRRM T _j = 100°C max (mA)	t _{rr} (1) max (ns)	t _{IRM} T _j = 100°C max (ns)	I _{RM} T _j = 100°C max (A)	Package
N	BYT 08P-1000	8	1000	50	1.8	8	2	65	200	5.2	DO 220
N	BYT 08PI-1000	8	1000	50	1.8	8	2	65	200	5.2	DO 220 I
	BYT 12-1000	12	1000	75	1.9	12	2.5	65	200	7.8	DO 4 (2)
	BYT 12P-1000 A	12	1000	75	1.9	12	2.5	65	200	7.8	DO 220
	BYT 12PI-1000	12	1000	75	1.9	12	2.5	65	200	7.8	DO 220 I
	BYT 30-1000	30	1000	200	1.9	30	5	70	200	19.5	DO 5 (3)
	BYT 30P-1000	30	1000	200	1.9	30	5	70	200	19.5	DOP 3
	BYT 30PI-1000	30	1000	200	1.9	30	5	70	200	19.5	DOP 3I
N	BYT 60-1000	60	1000	400	1.8	60	6	70	200	40	DO 5
	BYT 230PI(V)-1000 (2 × 30)	60	1000	200	1.9	30	5	70	200	19.5	ISOTOP See note 1
N	BYT 230PI(V)-1200 (2 × 30)	60	1200	200	1.8	30	5	70	200	20	ISOTOP See note 1
N	BYT 261PI(V)-1000 (2 × 60)	120	1000	400	1.8	60	6	70	200	40	ISOTOP See note 1

 (1) I_F = 0.5 A I_R = 1 A I_{rr} = 0.25 A.

(2) 10-32 UNF - M5 thread available on request → Type number + suffix M.

(3) 1/4"-28 UNF - M6 thread available on request → Type number + suffix M.

Note 1 : BYT 230PI → ISOTOP (Faston version).

BYT 230PIV → ISOTOP V (Screw version).

N : New product.