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GENERAL PURPOSE & INDUSTRIAL

**RECTIFIER DIODES**

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

**V<sub>RRM</sub> = 1000, 1200 V    t<sub>rr</sub> ≤ 70 ns**

Type	I <sub>O</sub> (A)	V <sub>RRM</sub> (V)	I <sub>FSM</sub> 10 ms (A)	V <sub>F</sub> / I <sub>F</sub> max (V) (A)	I <sub>R</sub> /V <sub>RRM</sub> T <sub>J</sub> = 100°C max (mA)	t <sub>rr</sub> (1) max (ns)	t <sub>IRM</sub> T <sub>J</sub> = 100°C max (ns)	I <sub>RM</sub> T <sub>J</sub> = 100°C max (A)	Package
<b>N</b> BYT 08P-1000	8	1000	50	1.8 8	2	65	200	5.2	DO 220
<b>N</b> 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
<b>N</b> BYT 60-1000	60	1000	400	1.8 60	6	70	200	40	DO 5
BYT 230P(V)-1000	60 (2 × 30)	1000	200	1.9 30	5	70	200	19.5	ISOTOP See note 1
<b>N</b> BYT 230P(V)-1200	60 (2 × 30)	1200	200	1.8 30	5	70	200	20	ISOTOP See note 1
<b>N</b> BYT 261P(V)-1000	120 (2 × 60)	1000	400	1.8 60	6	70	200	40	ISOTOP See note 1

(1) I<sub>F</sub> = 0.5 A    I<sub>R</sub> = 1 A    t<sub>rr</sub> = 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.