

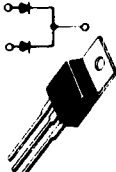
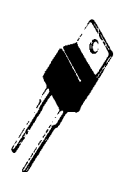


# Ultrafast Recovery Rectifiers

EXPANDING the SWITCHMODE Rectifier family are these ultrafast devices with reverse recovery times of 25 to 100 nanoseconds. They complement the broad Schottky offering for use in the higher voltage outputs and internal circuitry of switching power supplies as operating frequencies increase from 20 kHz to 250 kHz. Additional package styles and operating current levels are planned.

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	$I_o$ , AVERAGE FORWARD RECTIFIED CURRENT (A)						
	1	4	6	7.6	8	15	
CASE	59-03 Plastic 	267-01 Plastic 	221A-02 Plastic 	221B-01 Plastic 			
VRRM	DO41		TO220AB*		TO220AC		
50	MUR105	MUR405	MUR605CT	BYW29-50	BYW80-50	MUR805	MUR1505
100	MUR110	MUR410	MUR610CT	BYW29-100	BYW80-100	MUR810	MUR1510
150	MUR115	MUR415	MUR615CT	BYW29-150	BYW80-150	MUR815	MUR1515
200	MUR120	MUR420	MUR620CT	BYW29-200	BYW80-200	MUR820	MUR1520
300	MUR130	MUR430				MUR830	MUR1530
400	MUR140	MUR440				MUR840	MUR1540
500	MUR150	MUR450				MUR850	MUR1550
600	MUR160	MUR460				MUR860	MUR1560
700	MUR170	MUR470				MUR870	
800	MUR180	MUR480				MUR880	
900	MUR190	MUR490				MUR890	
1000	MUR1100	MUR4100				MUR8100	
IFSM (A)	35	125	75	80	100	100	200/150
$T_j$ or $T_c$ at rated $I_o$ (°C)	135		150	125	125	150	150
$T_j$ MAX	175	175	175	175	175	175	175
$T_n$ MAX (ns)	35/100	35/100	35	35	35	35/100	35/60

\* $I_o$  is total device output.