

## HIGH POWER SCHOTTKY RECTIFIERS LEADED DEVICES

Part No.	Maximum Recurrent Peak Reverse Voltage	Maximum Average Forward Rectified Current at Per Pak		Peak forward Surge Current 8.3ms Single Half Sine-Wave Superimposed On Rated Load at Per leg	Maximum DC Instantaneous Reverse Current at Per leg @ $V_{RRM}$		Maximum Instantaneous Forward Voltage at Per leg @25°C	
	$V_{RRM}$	$I_o@T_c$		$I_{FSM}$	$I_R@T_j$		$V_F$	$I_F$
	$V_{PK}$	A	°C	A	@25°C mA	@125°C mA	V	A



### 60AMP / SCHOTTKY RECTIFIER / D61-3SM(MINI MOD)

SEE THE PACKAGE ON PAGE 41

FST6310SM	10	60	105	600	1	20	0.70	30
FST6315SM	15	60	105	600	1	20	0.70	30
FST6320SM	20	60	105	600	1	20	0.70	30
FST6330SM	30	60	105	600	1	20	0.75	30
FST6335SM	35	60	105	600	1	20	0.75	30
FST6340SM	40	60	105	600	1	20	0.75	30
FST6345SM	45	60	105	600	1	20	0.75	30
FST6360SM	60	60	105	600	1	20	0.80	30
FST6380SM	80	60	105	600	1	20	0.88	30
FST63100SM	100	60	105	600	1	20	0.88	30

$T_j$  and  $T_{stg}$  of -40°C to +150°C  $I_{FSM}$  for 25°C



### 70AMP / SCHOTTKY RECTIFIER / D61-3SM(MINI MOD)

SEE THE PACKAGE ON PAGE 41

FST7320SM	20	70	100	800	1	20	0.70	35
FST7330SM	30	70	100	800	1	20	0.75	35
FST7335SM	35	70	100	800	1	20	0.75	35
FST7340SM	40	70	100	800	1	20	0.75	35
FST7345SM	45	70	100	800	1	20	0.75	35
FST7360SM	60	70	100	800	1	20	0.80	35
FST7380SM	80	70	100	800	1	20	0.88	35
FST73100SM	100	70	100	800	1	20	0.88	35

$T_j$  and  $T_{stg}$  of -40°C to +150°C

$I_{FSM}$  for 25°C



### 80AMP / SCHOTTKY RECTIFIER / D61-3SM(MINI MOD)

SEE THE PACKAGE ON PAGE 41

FST8320SM	20	80	110	800	1	20	0.70	40
FST8330SM	30	80	110	800	1	20	0.75	40
FST8335SM	35	80	110	800	1	20	0.75	40
FST8340SM	40	80	110	800	1	20	0.75	40
FST8345SM	45	80	110	800	1	20	0.75	40
FST8360SM	60	80	110	800	1	20	0.80	40
FST8380SM	80	80	110	800	1	20	0.88	40
FST83100SM	100	80	110	800	1	20	0.88	40

$T_j$  and  $T_{stg}$  of -40°C to +150°C

$I_{FSM}$  for 25°C