

# SUPER FAST RECTIFIERS

PLASTIC MATERIAL USED CARRIES UL 94V-0  
OPERATING AND STORAGE TEMPERATURE -65°C to +150°C

TYPE	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @ 8.3ms Superimposed	Maximum Reverse Current @ $P_{RV}$ @ 25°C $T_A$	Maximum Forward Voltage @ 25°C $T_A$		Maximum Reverse Recovery Time
	$P_{RV}$	$I_o$ @ $T_c$		$I_{FM}$ ( Surge )	$I_R$	$I_{FM}$	$V_{FM}$	$T_{RR}$
	$V_{PK}$	$A_{AV}$	°C	$A_{PK}$	uAdc	$A_{PK}$	$V_{PK}$	nS

## 8.0 AMPERE-SUPER FAST/D2PAK (CASE 42)



SF81S	50	8.0	100	125	10	8.0	1.0	35
SF82S	100	8.0	100	125	10	8.0	1.0	35
SF83S	150	8.0	100	125	10	8.0	1.0	35
SF84S	200	8.0	100	125	10	8.0	1.0	35
SF85S	300	8.0	100	125	10	8.0	1.35	50
SF86S	400	8.0	100	125	10	8.0	1.35	50

NOTE : Suffix " R " = for REVERSE Polarity.

## 16 AMPERE-SUPER FAST /D2PAK (CASE 42)



SF161CS	50	16	125	150	10	8.0	1.0	35
SF162CS	100	16	125	150	10	8.0	1.0	35
SF163CS	150	16	125	150	10	8.0	1.0	35
SF164CS	200	16	125	150	10	8.0	1.0	35
SF165CS	300	16	125	150	10	8.0	1.35	50
SF166CS	400	16	125	150	10	8.0	1.35	50

NOTE : Suffix " A " = Common Anode.