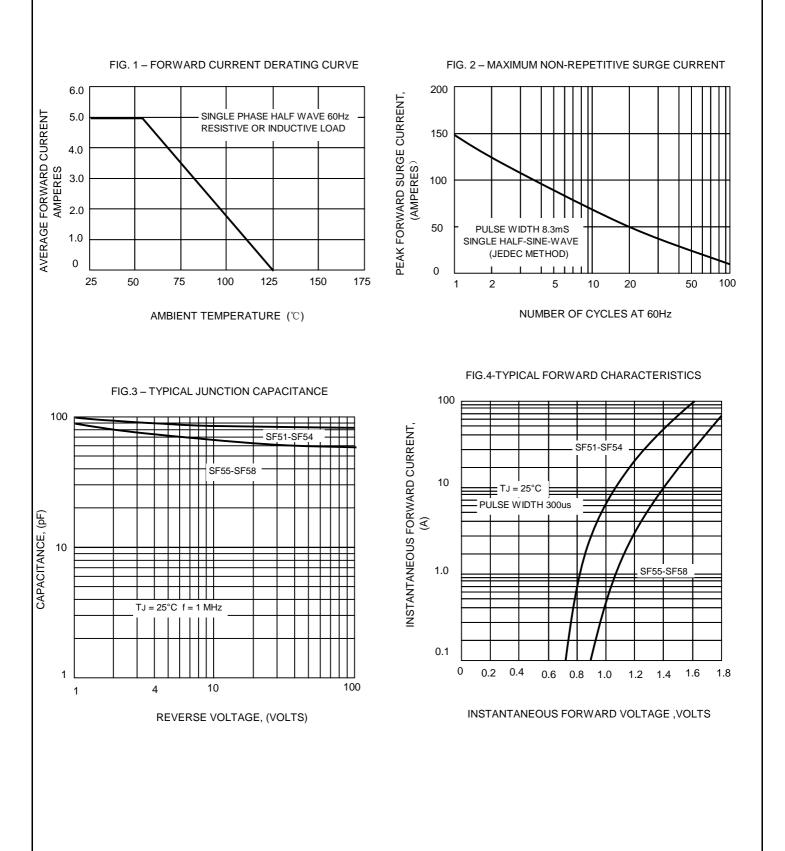


SF51 thru SF58

SUPERFAST RECOVERY RECTIFIERS			REVERSE VOLTAGE - 50 to 600 Volts FORWARD CURRENT - 5.0 Amperes							
FEATURES			DO- 27							
 Super fast switching time for high efficiency 										
					•	L 				
Low forward voltage drop						050	(4, 0)			
High current capability					-	.052	(<u>1.3)</u> (1.2) DIA.			
Low reverse leakage current				1.0	(25.4)		()			
 Plastic material has UL flammability classification 94V-0 					MI					
				.375(9.8 .335(8.8						
MECHANICAL DATA						.22 .19	0(5.6) 7(5.0) DIA	۹.		
●Case: JEDEC DO-27 molded plastic				1 በ	 (25.4)	i				
 Polarity: Color band denotes cathode 					(20.4) MI					
●Weight: 0.04 ounces , 1.1 grams						!				
 Mounting position: Any 						İ				
				Dimensi	ons in inc	hes and	(millimete	ers)		
Single phase, half wave ,60Hz, resistive or inductiv For capacitive load, derate current by 20%	ve load.									
CHARACTERISTICS	SYMBOL	SF51	SF52	SF53	SF54	SF55	SF56	SF58	UNIT	
Maximum Recurrent Peak Reverse Voltage	Vrrm	50	100	150	200	300	400	600	V	
Maximum RMS Voltage	Vrms	35	70	105	140	210	280	420	V	
Maximum DC Blocking Voltage	VDC	50	100	150	200	300	400	600	V	
Maximum Average Forward	I(AV)				5.0				A	
Rectified Current @TA =55 °C	(/~V)									
Peak Forward Surage Current 8.3ms Single Half Sine-Wave	IFSM				150				А	
Super Imposed on Rated Load(JEDEC Method)	IFSIM				150				~	
Peak Forward Voltage at 4.0A DC(Note1)	VF	0.95 1					1.25		V	
Maximum DC Reverse Current @TJ=25°C		5.0								
at Rated DC Bolcking Voltage @TJ=100°C	IR	100					uA			
Maximum Reverse Recovery Time(Note 1)	Trr	35						nS		
Typical Junction Capacitance (Note2)	CJ	90 75					pF			
Typical Thermal Resistance (Note3)	Røja	10						°C/W		
Operating Temperature Range	TJ	-55 to +125							°C	
Storage Temperature Range	Тѕтс	-55 to +150							°C	
NOTES: 1.Measured with IF=0.5A,IR=1A,IRR=0.25A. 2.Measured at 1.0 MHz and applied reverse voltage	of 4.0V DC								_	





X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Rectifiers category:

Click to view products by YFSEMI manufacturer:

Other Similar products are found below :

 70HFR40
 FR105 R0
 RL252-TP
 150KR30A
 1N5397
 1N4002G
 1N4005-TR
 UFS120Je3/TR13
 JANS1N6640US
 481235F

 RRE02VS6SGTR
 067907F
 MS306
 70HF40
 T110HF60
 T85HFL60S02
 US2JFL-TP
 A1N5404G-G
 CRS12(T5L,TEMQ)
 ACGRB207-HF

 CLH07(TE16L,Q)
 CLH03(TE16L,Q)
 ACGRC307-HF
 ACEFC304-HF
 NTE6356
 NTE6359
 85HFR60
 40HFR60
 70HF120
 85HFR80

 D126A45C
 SCF7500
 D251N08B
 SCHJ22.5K
 SM100
 SCPA2
 SDHD5K
 ACGRA4001-HF
 D1821SH45T PR
 D1251S45T
 NTE6358

 NTE5850
 NTE5819
 NTE5892
 NTE5900
 NTE5915
 NTE5921
 NTE6104