

## MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

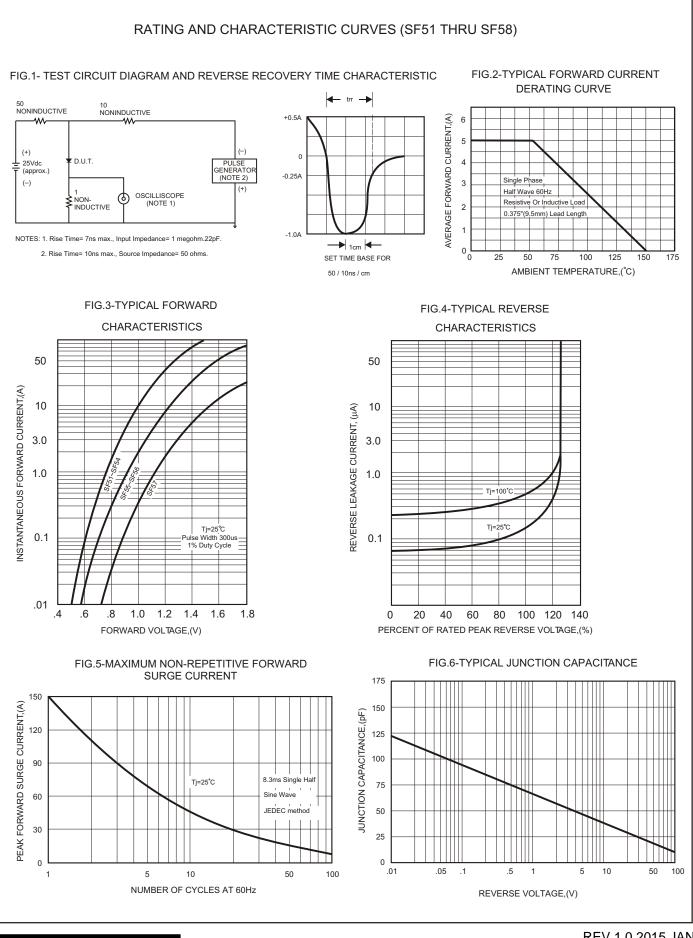
Rating 25°C ambient temperature uniess otherwies specified. Single phase half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%.

TYPE NUMBER	SF51	SF52	SF53	SF54	SF55	SF56	SF58	UNITS
Maximum Recurrent Peak Reverse Voltage	50	100	150	200	300	400	600	V
Maximum RMS Voltage	35	70	105	140	210	280	420	V
Maximum DC Blocking Voltage	50	100	150	200	300	400	600	V
Maximum Average Forward Rectified Current								
.375"(9.5mm) Lead Length at Ta=55 <sup>°</sup> C	5.0							A
Peak Forward Surge Current, 8.3 ms single half sine-wave								
superimposed on rated load (JEDEC method)	150						A	
Maximum Instantaneous Forward Voltage at 5.0A		0.95 1.30 1.70				V		
Maximum DC Reverse Current Ta=25°C	5.0						μA	
at Rated DC Blocking Voltage Ta=100°C	50							μA
Maximum Reverse Recovery Time (Note 1)	35							nS
Typical Junction Capacitance (Note 2)		50						pF
Operating and Storage Temperature Range TJ, Tstg		-65-+150						

NOTES:

1. Reverse Recovery Time test condition: IF=0.5A, IR=1.0A, IRR=0.25A

2. Measured at 1MHz and applied reverse voltage of 4.0V D.C.



www.gk-goodwork.com.

REV 1.0 2015 JAN PAGE:2/2

## **X-ON Electronics**

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Rectifiers category:

Click to view products by GOODWORK 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
 ACURA107-HF
 D1821SH45T
 PR
 D1251S45T

 NTE6358
 NTE5850
 NTE5837
 NTE5892
 NTE5900
 NTE5915
 NTE5921