

3RUS2, 3RUS4

High Voltage, High Current Silicon Rectifier Diodes

3RUS.GIF (7624 bytes)

PRV	1,200V	1,500V	1,800V
3RUS2	3RUS2120	3RUS2150	3RUS2180
3RUS4	3RUS4120	3RUS4150	3RUS4180

EDI reserves the right to change these specifications at any time without notice.

Electrical Characteristics		
at T _A = 25° C Unless Otherwise Specified		
Type	3RUS2	3RUS4
Avg. Rectified Forward Current @ 50° Amb., I _O	1.25 Amp.	1.50 Amp
Avg. Output Current @ 60° C lead temperature Lead Temp-measured 3/3" from body of diode	2 Amp.	2.5 Amp
Max. Reverse Current @ PRV and 25° C I _R	5µA	5µA
Max. Reverse Current @ PRV and 100° C I _R	50µA Max	100µA Max
Max. Forward Voltage Drop @ 25° C, 2.0 Amps, V _F	4V	4V
Max. Peak Surge Current, I _{FSM} (8.3 ms)	100 Amp.	100 Amp
Operating Temperature Range	-65° C to 150° C	
Storage Temperature Range	-65° C to 150° C	
Reverse Recovery Time, t _{rr}	50 nanosec.	

NOTES: Maximum lead and terminal temperature for soldering: 3/8 inch from case, 5 seconds at 250° C.

DIAGRAMS

3RUS_Current.GIF (8936 bytes)

3RUS_Surge.GIF (10492 bytes)

3RUS_Test.GIF (10040 bytes)

3RUS_Dim.GIF (3961 bytes)

Home	About EDI	Diodes	Bridges	HV Assemblies	Special Devices	Distributors	Representatives
----------------------	---------------------------	------------------------	-------------------------	-------------------------------	---------------------------------	------------------------------	---------------------------------

EDI

ELECTRONIC DEVICES, INC.

21 Gray Oaks Avenue • Yonkers, New York 10710

E-mail: SALES@EDIdiodes.com

Phone 914-965-4400 • Fax 914-965-5531 • Toll-Free 1-800-678-0828

EDI