

## RECTIFIER DIODES, Ultra Fast Recovery, Glass Passivated Plastic Package

ISI Part Number	Maximum Average Rectified Current at T <sub>a</sub>		Peak Inverse Voltage	Peak Forward Surge Current @ 8.3ms Superimposed	Maximum Fwd Voltage @ Rated I <sub>F</sub> and T <sub>a</sub> =25°C	Maximum Rev. Current @ Rated PIV and T <sub>a</sub> =25°C	Reverse Recovery Time at Rated PIV	Package Quantities	Outline
	I <sub>F</sub> (Amps)	T <sub>a</sub> (°C)							
HER161G HER162G HER163G HER164G HER165G HER166G HER167G	<b>16</b>	100	50	125	1.3	10	50	50/Tube	<p style="text-align: center;"><b>TO-220</b></p>
300			1.3		50				
100			1.3						
200			1.3						
300			1.3						
400			1.3						
600			1.5						
800	1.5								
FES16FT FES16GT FES16HT FES16JT	<b>30</b>	100	300	300	1.3	10	50	50/Tube	<p style="text-align: center;"><b>TO-220A</b></p>
400			1.3						
500			1.5						
600			1.5						
UF3000 UF3001 UF3002 UF3003 UF3004 UF3005 UF3006	<b>30</b>	150	50	300	1.0	10	50	30/Tube	<p style="text-align: center;"><b>TO-3P</b></p>
100			1.0						
200			1.0						
300			1.0						
400			1.3						
600			1.5						
800			1.5						

## RECTIFIER DIODES, Super Fast Recovery, Plastic Package

ISI Part Number	Maximum Average Rectified Current at T <sub>a</sub>		Peak Inverse Voltage	Peak Forward Surge Current @ 8.3ms Superimposed	Maximum Fwd Voltage @ Rated I <sub>F</sub> and T <sub>a</sub> =25°C	Maximum Rev. Current @ Rated PIV and T <sub>a</sub> =25°C	Reverse Recovery Time at Rated PIV	Package Quantities	Outline
	I <sub>F</sub> (Amps)	T <sub>a</sub> (°C)							
SF11 SF12 SF13 SF14 SF15 SF16	<b>1.0</b>	55	50	30	0.95	5.0	35	1000/5000	<p style="text-align: center;"><b>DO-41</b></p>
100			0.95						
150			0.95						
200			0.95						
300			1.2						
400			1.2						
SF21 SF22 SF23 SF24 SF25 SF26	<b>2.0</b>	55	50	75	0.95	5.0	35	500/4000	<p style="text-align: center;"><b>DO-15</b></p>
100			0.95						
150			0.95						
200			0.95						
300			1.2						
400			1.2						