

Glass Passivated Super Fast Rectifiers

Operating Temperature: -65°C to 150°C

Part No.	Cross-Reference	Max. Average Rectified Current	Peak Inverse Voltage	Peak Fwd. Surge Current @ 8.3 ms Superimposed	Max. Forward Voltage @ 25°C @ Rated I _o	Max. Reverse Current @ 25°C @ Rated PIV	Reverse Recovery Time @ Rated PIV	Package	Outline (Typ. in mm or Inches)																															
		I _o (A)	PIV(V)	I _{FSM} (A)	V _{FM} (V)	I _R (μA)	T _{RR} (nS)	Tube																																
SUF30G SUF30J	- -	3.0 A	400	80	1.80	10.0	35	750/Bulk 800/Reel																																
			600		2.00																																			
FEP6AT FEP6BT FEP6CT FEP6DT	- - - -	6.0 A	50	100	0.975 @ 3 A	5.0	35	50/Tube																																
			100							10.16																														
			150																																					
			200																																					
GI1401 GI1402 GI1403 GI1404	BYW29-50 BYW29-100 BYW29-150 BYW29-200	8.0 A	50	125	0.975	5.0	35	50/Tube																																
GI1401R GI1402R GI1403R GI1404R	- - - -		100							0.900																														
			150																																					
			200																																					
GIF1401 GIF1402 GIF1403 GIF1404	- - - -		50							125	0.975	5.0	35	50/Tube																										
			100													0.950																								
			150																																					
			200																																					
BYW29-50 BYW29-100 BYW29-150 BYW29-200	GI1401 GI1402 GI1403 GI1404		50													125	0.800 @ 150°C	10.0	25	50/Tube																				
			100																			1.300																		
			150																																					
			200																																					
FES8AT FES8BT FES8CT FES8DT	SF81 SF82 SF83 SF84		50																			125	0.950	10.0	35	50/Tube														
			100																									1.300												
			150																																					
			200																																					
FES8FT FES8GT FES8HT FES8JT	HER804 HER805 - HER806		300																									125	0.950	10.0	50	50/Tube								
			400																															1.300						
			500																																					
			600																																					
FESF8AT FESF8BT FESF8CT FESF8DT	SF81 SF82 SF83 SF84		50																															250	0.950	10.0	35	50/Tube		
			100																																					1.300
			150																																					
			200																																					
FESF8FT FESF8GT FESF8HT FESF8JT	HER804 HER805 - HER806	300	250	0.950	10.0	50	50/Tube																																	
		400							1.300																															
		500																																						
		600																																						
FES16AT FES16BT FES16CT FES16DT	- - - -	50							250	0.950	10.0	35	50/Tube																											
		100													1.300																									
		150																																						
		200																																						
FES16FT FES16GT FES16HT FES16JT	- - - -	300													250	0.950	10.0	50	50/Tube																					
		400																			1.300																			
		500																																						
		600																																						
FESF16AT FESF16BT FESF16CT FESF16DT	- - - -	50																			250	0.950	10.0	35	50/Tube															
		100																									1.300													
		150																																						
		200																																						
FESF16FT FESF16GT FESF16HT FESF16JT	- - - -	300																									250	0.950	10.0	50	50/Tube									
		400																															1.300							
		500																																						
		600																																						
FEP16AT FEP16BT FEP16CT FEP16DT	SF161 SF162 SF163 SF164	50																															200	0.95 @ 8 A	10.0	35	50/Tube			
		100																																					1.30 @ 8 A	
		150																																					1.30 @ 8 A	
		200																																					1.50 @ 8 A	
FEP16FT FEP16GT FEP16HT FEP16JT	HER1604C HER1605C - HER1606C	300	200	0.95 @ 8 A	10.0	35	50/Tube																																	
		400																																					1.30 @ 8 A	
		500																																					1.50 @ 8 A	
		600																																					1.50 @ 8 A	
FEN16AT FEN16BT FEN16CT FEN16DT	SF161A SF162A SF163A SF164A	50							200	1.30 @ 8 A	10.0	50	50/Tube																											
		100																																					1.30 @ 8 A	
		150																																					1.50 @ 8 A	
		200																																					1.50 @ 8 A	
FEN16FT FEN16GT FEN16HT FEN16JT	HER1604A HER1605A - HER1606A	300													200	1.30 @ 8 A	10.0	50	50/Tube																					
		400																																					1.30 @ 8 A	
		500																																					1.50 @ 8 A	
		600																																					1.50 @ 8 A	