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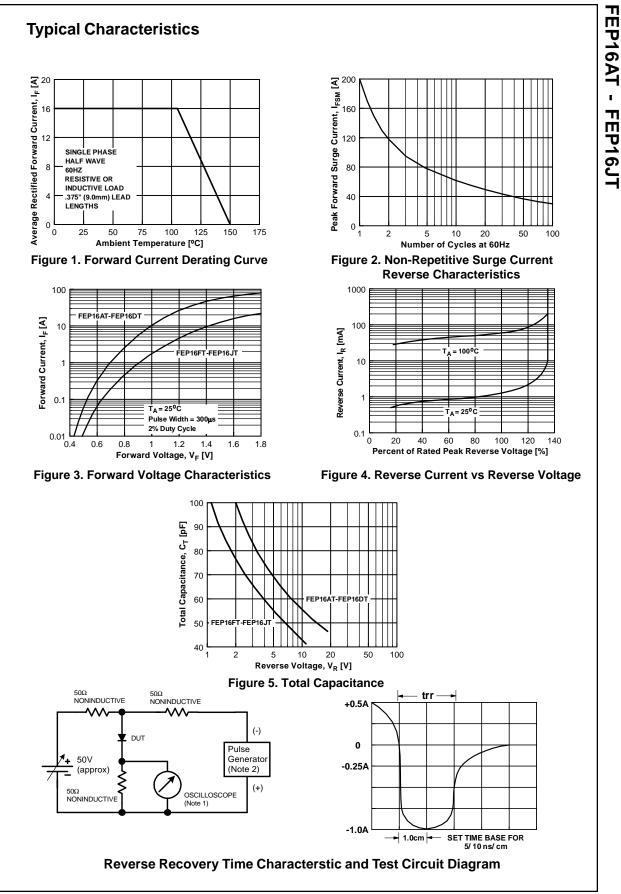
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	FEP16	AT -	FEP	16.	JT		PIN 1 O-	PI	ASE N 2
eatures							PIN 1 O-	┫ .	
Low for	ward voltage drop.						PIN 3 O) ASE N 2
Hiah su	rge current capacity.						Negat Suffix	tive CT	IN Z
Ū.	1						Sullix	A	
High cur	rent capability.						PIN 1 O-		AC
High relia	ability.	TO-22	1ΔR				PIN 3 O-		ASE
-									
Average	Forward Current Rating at 16A (8 Rectifiers (Glass Pas	•	e).				Doubl Suffix	er	N 2
Average Fast R Absolut	Forward Current Rating at 16A (8 Rectifiers (Glass Pas te Maximum Ratings*	•	e). d)		2110		Doubl	er	N 2
Average	Forward Current Rating at 16A (8 Rectifiers (Glass Pas	sivate	e). d) s otherwise r		alue	16GT	Doubl	er	
Average Fast R Absolut	Forward Current Rating at 16A (8 Rectifiers (Glass Pas te Maximum Ratings*	Ssivate	e). d) s otherwise r	V	alue 16FT 300	16GT 400	Doubl Suffix	er "D"	N 2
Average Fast R Absolut Symbol	Forward Current Rating at 16A (8 Rectifiers (Glass Pas te Maximum Ratings* Parameter Maximum Repetitive Reverse	T _A =25°C unles	e). d) s otherwise r	V 16DT	16FT		Doubl Suffix	er "D" 16JT	Units
Average Fast R Absolut Symbol	Forward Current Rating at 16A (8 Rectifiers (Glass Pas te Maximum Ratings* Parameter Maximum Repetitive Reverse Voltage Average Rectified Forward Current, .375 " lead length @ T _A = 100°C Non-repetitive Peak Forward Surge Current	T _A =25°C unles	e). d) s otherwise r	V 16DT 200	16FT 300		Doubl Suffix	er "D" 16JT	Units V
Average Fast R Absolut Symbol V _{RRM}	Forward Current Rating at 16A (8 Rectifiers (Glass Pas te Maximum Ratings* Parameter Maximum Repetitive Reverse Voltage Average Rectified Forward Current, 375 " lead length @ T _A = 100°C Non-repetitive Peak Forward Surge	T _A =25°C unles	e). d) s otherwise r	V 16DT 200	16FT 300 16	400	Doubl Suffix	er "D" 16JT	Units V A

Symbol	Parameter	Value	Units
P _D	Power Dissipation	8.33	W
R _{eJA}	Thermal Resistance, Junction to Ambient	15	°C/W
R _{θJL}	Thermal Resistance, Junction to Lead	2.2	°C/W

Electrical Characteristics $T_A = 25^{\circ}C$ unless otherwise noted

Symbol	Parameter	Device								Units
		16AT	16BT	16CT	16DT	16FT	16GT	16HT	16JT	-
V _F	Forward Voltage @ 8.0A	0.95			1.3		1.5		V	
t _{rr}	Reverse Recovery Time $I_F = 0.5 \text{ A}, I_R = 1.0 \text{ A}, I_{RR} = 0.25 \text{ A}$	35 5				50		ns		
I _R	Reverse Current @ rated V_R $T_A = 25^{\circ}C$ $T_A = 100^{\circ}C$	10 500					μΑ μΑ			
C _T	Total Capacitance V_{R} = 4.0. f = 1.0 MHz	85 60					0	pF		



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FEP16AT - FEP16JT, Rev. C

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