



CASES : T-28d

T-30

T Y P E	I_{FAVM}	V_{RRM}	I_{FSM} $t_p=10ms$ & T_{JM}	V_F @ 25°C & I_F max.	I_P @ V_{RRM} & 25°C 100°C max. max.	V_{FO}	r_F ($\times 10^{-3}$ ohms)	CASE STYLE	
	(A)	(V)	(A)	(V)	(mA) (mA)	(V)			
280 A _{rms} $T_{JM}=150^{\circ}C$ $R_{thJ-C} \leq 0.14^{\circ}C/W$ $i^2t=20kA^2s$ $Q_S \leq 40\mu C$ $F_{clamp}=3 - 4.5kN$									
\$ D178S 200	180	200	2000	1.90	500	40	1.1	2	T-28d
\$ D178S 400		400							
\$ D178S 600		600							
\$ D178S 800		800							
\$ D178S 1000		1000							
\$ D178S 1200		1200							
\$ D178S 1400		1400							

\$ Preliminary data

400 A _{rms} T _{JM} =150°C R _{thJ-C} ≤0.11°C/W i ² t=51.2kA ² s Q _S ≤62uC F _{Clamp} =3- 4.5kN									
\$ D208S 200	210	200	3200	1.60	500	40	1.1	2	T-28d
\$ D208S 400		400							
\$ D208S 600		600							
\$ D208S 800		800							
\$ D208S 900		900							
\$ D208S 1000		1000							
\$ D208S 1200		1200							
\$ D208S 1400		1400							

\$ Preliminary data

800 A _{rms} T _{JM} =150°C R _{thJ-C} ≤0.06°C/W i ² t=200kA ² s Q _S ≤360uC F _{clamp} =8- 12kN									
D400S 1200	400	1200	6320	2.40	1200	80	1.2	0.89	T-30
D400S 1400		1400							
D400S 1600		1600							
D400S 1800		1800							
D400S 2000		2000							
D400S 2200		2200							
D400S 2400		2400							
D400S 2600		2600							

1160 A _{rms} T _{JM} =150°C R _{thJ-C} ≤0.06°C/W i ² t=344kA ² s Q _S ≤360uC F _{clamp} =8- 12kN									
D495S 1200	495 #	1200	8300	2.10	1200	80	1.07	0.50	T-30
D495S 1400		1400							
D495S 1600		1600							
D495S 1800		1800							
D495S 2000		2000							
D495S 2200		2200							
D495S 2400		2400							
D495S 2600		2600							
	* T _a =90°C								

$T_C=90^\circ C$