

Part Number	$V_{RRM}/V_{DRM}$		$I_{RMS}$ (A)	$I_{T(AV)}$ (A)	$I_{TSM}$		$V_{GT}$ (V)	$I_{GT}$ (A)	$V_{TM}$ (V)	$I_{TM}$ (A)	$dv/dt$ (V/ $\mu$ s)	$R_{\theta J-HS}$ ( $^{\circ}$ C/W)	Notes	Fax on Demand Number	Case Outline Key
	(V)	(V)			(A)	(A)									

## Thyristors

### A-24 (K-Puk)

ST1000C12K0	1200	1470	2800	55	17800	18100	3	200	1.8	3000	500	0.021	2 3 7 9 11	25202	T15
ST1000C14K0	1400	1470	2800	55	17800	18100	3	200	1.8	3000	500	0.021	2 3 7 9 11	25202	
ST1000C16K0	1600	1470	2800	55	17800	18100	3	200	1.8	3000	500	0.021	2 3 7 9 11	25202	
ST1000C18K0	1800	1470	2800	55	17800	18100	3	200	1.8	3000	500	0.021	2 3 7 9 11	25202	
ST1000C20K0	2000	1470	2800	55	17800	18100	3	200	1.8	3000	500	0.021	2 3 7 9 11	25202	
ST1000C22K0	2200	1470	2800	55	17800	18100	3	200	1.8	3000	500	0.021	2 3 7 9 11	25202	
ST1000C24K0	2400	1470	2800	55	17800	18100	3	200	1.8	3000	500	0.021	2 3 7 9 11	25202	
ST1000C26K0	2600	1470	2800	55	17800	18100	3	200	1.8	3000	500	0.021	2 3 7 9 11	25202	
ST1200C12K0	1200	1650	3080	55	25700	26900	3	200	1.73	4000	500	0.021	2 3 7 9 11	25196	T15
ST1200C14K0	1400	1650	3080	55	25700	26900	3	200	1.73	4000	500	0.021	2 3 7 9 11	25196	
ST1200C16K0	1600	1650	3080	55	25700	26900	3	200	1.73	4000	500	0.021	2 3 7 9 11	25196	
ST1200C18K0	1800	1650	3080	55	25700	26900	3	200	1.73	4000	500	0.021	2 3 7 9 11	25196	
ST1200C20K0	2000	1650	3080	55	25700	26900	3	200	1.73	4000	500	0.021	2 3 7 9 11	25196	
ST1230C08K0	800	1745	3200	55	28000	29500	3	200	1.62	4000	500	0.021	2 3 7 9 11	25194	T15
ST1230C12K0	1200	1745	3200	55	28000	29500	3	200	1.62	4000	500	0.021	2 3 7 9 11	25194	
ST1230C14K0	1400	1745	3200	55	28000	29500	3	200	1.62	4000	500	0.021	2 3 7 9 11	25194	

**NOTES:**

2 For  $I_{TSM}$ : 100%  $V_{RRM}$  reapplied,  $T_J = T_{Jmax} = 125^{\circ}$ C

3 For  $I_{GT}$ ,  $V_{GT}$ :  $T_J = 25^{\circ}$ C

7  $dv/dt$  at linear to 0.8  $V_{DRM}$ ;  $T_J = 125^{\circ}$ C

9  $V_{TM}$  measured at  $T_J = T_{Jmax}$

10 Max  $T_J = 150^{\circ}$ C

11 Available with fast-on terminals. To order, change last '0' to '1' in part number, e.g. ST180S04P1V



TO-200AB  
(A-Puk)



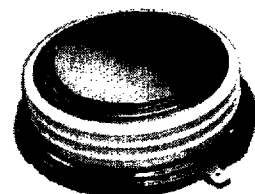
TO-200AB  
(E-Puk)



TO-200AC  
(B-Puk)



A-24  
(K-Puk)



A-36  
(R-Puk)

