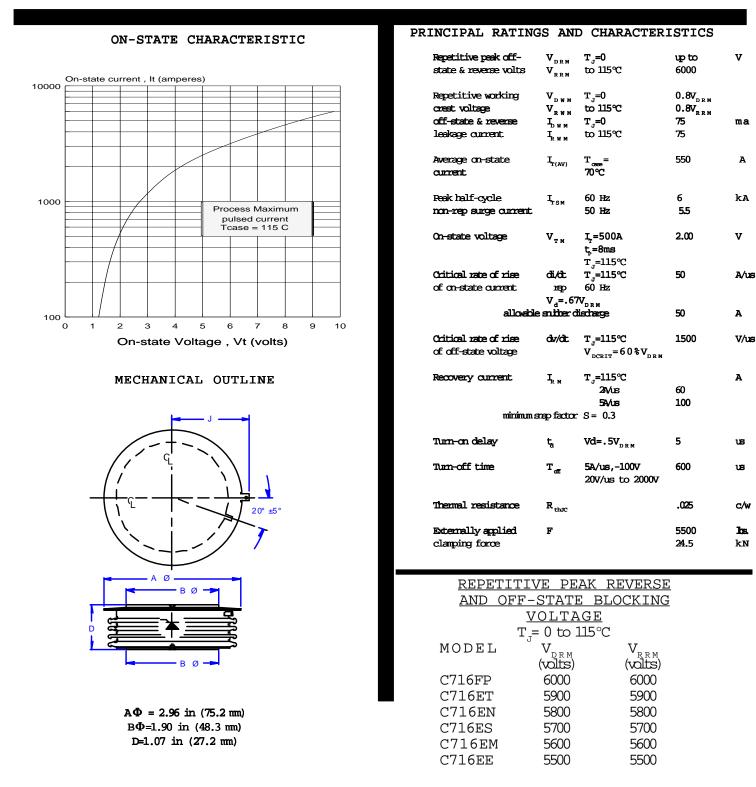


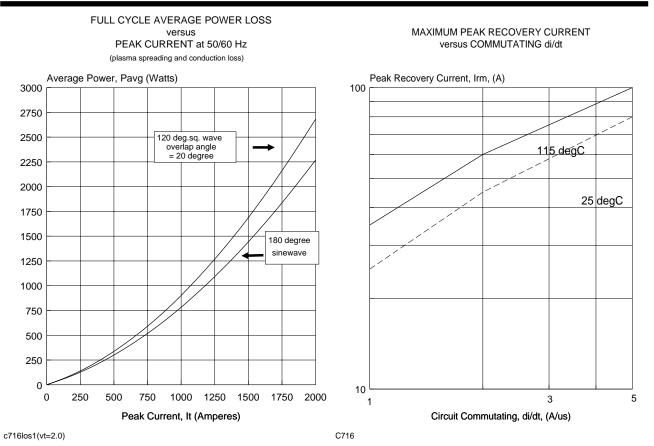
C716 53mm / 6kV THYRISTOR

Type C716 thyristor is suitable for phase control applications such as HMDC valves, static VAR compensators and synchronous motor drives.

The silicon junction is manufactured by the proven multi-diffusion process and is supplied in an industry standard disc-type package, ready to mount to forced or naturally cooled heat dissipators using connercially available mechanical clamping hardware.







Full Cycle Power Loss (watts)		
50/60 Hz, T _J =115°C		
I _T (peak)	Half-sine	3 Phase
(A)	180°	120°
100	45	48
200	97	106
300	157	173
400	224	250
500	299	336
600	381	431
700	470	535
800	566	647
900	670	769
1000	780	899
1200	1023	1186
1400	1293	1508
1600	1590	1864
1800	1914	2255
2000	2268	2680

GATE SUPPLY REQUIREMENTS

Open circuit voltage	30 V
Short circuit cument - rise time	3 A 0.55
Pulse duration (min)	20 us