



The TCU4 is a high voltage, high current disc pack SCR employing a high di/dt gate structure. This gate design allows the SCR to be reliably operated at high di/dt and dv/dt conditions in various phase control applications.

FEATURES:

- Low On-State Voltage
- High di/dt Capability
- High dv/dt Capability
- Hermetic Ceramic Package
- Excellent Surge and I^2t Ratings

APPLICATIONS:

- DC Power Supplies
- Motor Controls
- SS Contactors

ORDERING INFORMATION

Select the complete 12 digit Part Number using the table below.
EXAMPLE: TCU428340HDH is a 2800V-3400A SCR with 250ma IGT and standard 12 inch gate and cathode potential leads.

PART	Voltage		Current Rating	Current Code	Turn-Off	Gate	Leads			
	V_{DRM}	V_{RRM}						Code		
TCU4	2800	28	3400	34	0	H	DH			
	2600	26						TM*		
	2400	24						500us	250ma	12" std.
	2200	22						(typ.)	(max)	

* Optional TM lead consist of 20AWG FEP insulated twisted pair wires 17.5 inches in length with ¼" insulated fast-on terminals.

Revised:

10/29/2012