



Thyristor Modules

VRRM / VDRM 800 to 1800V
ITAV 90A

Features

International standard package
High Surge Capability
Glass passivated chip
Simple Mounting
Heat transfer through aluminum oxide DBC
ceramic isolated metal baseplate

Module Type

TYPE	VRRM	VRSM
MT90C08T1D	800V	900V
MT90C12T1D	1200V	1300V
MT90C16T1D	1600V	1700V
MT90C18T1D	1800V	1900V

Maximum Ratings

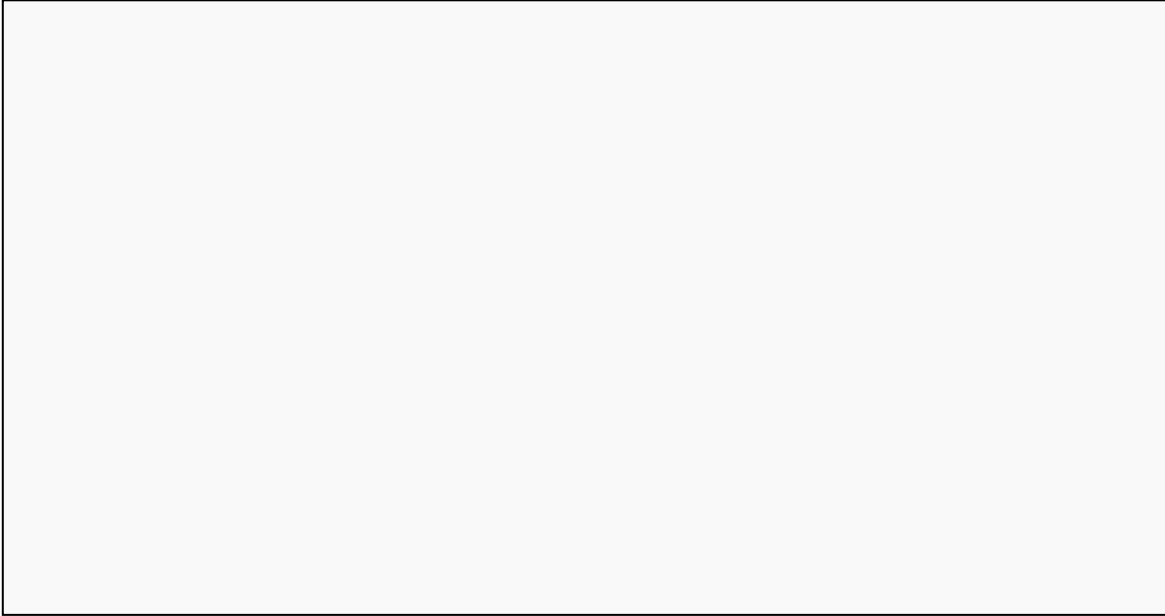
Symbol	Conditions	Values	Units
I_T	$T_{VJ}=45$ $T_{VJ}=125$	2000 1750	A
i^2t	$t=10ms$, sine $t=10ms$, sine	20000 15000	A ² s
Visol	a.c.50HZ;r.m.s.;1min	3000	V
Tvj		-40 to 130	

Thermal Characteristics



MT90C-T1D





Package Outline Information

