JMT110KT16T1A

Thyristor Module

Features

Xc Yi J: l Zfe liXkfe ek iXk

e Xj e c gXZbX

k id XcZfe lZkmkp : ejlcXkfe fi oZ cc ek

Xk jj gXkfe

MXZl l d jfc ie k Z efcf p fi e XeZ i cXYckp

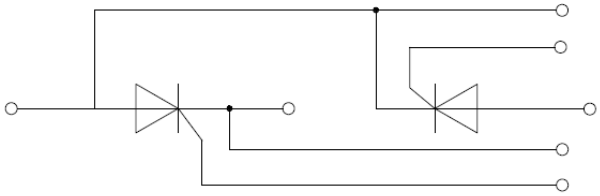
Parameter	Value	Unit
M_{IID}	(-	M
@$_{8M}$ 7 K: 4 /, ℃	((	8
@$_{JD}$ 7 k_G 4 (dj	)),	8
M_K D Xo	(/	M

Applications

Xke Zfekifc

kZfekifcjpjk d

: dfkfi



Absolute Maximum Ratings 7 K: 4), : l ecjj fk in j jg Z

Parameter	Conditions	Symbol	Values	Unit
l g kkm g Xbf jkXk mfckX	Kma4), :	M_{IID}	(-	M
l g kkm g Xbi mij mfckX	Kma4), :	M_{IID}	(-	M
Efei g kkm g Xbf jkXk mfckX	Kma4), :	M_{JD}	(.	M
Efei g kkm g Xbi mij mfckX	Kma4), :	M_{IJD}	(.	M
8miX finXi Zlii ek	K: 4 /, :	@$_{8M}$	((	8
=finXi jli Zlii ek	( ) ZpZc J e nXm , q Kma4), ℃	@$_{JD}$	)),	8
@kmXcl fi l je		@k	), (	8)j
: ikZXciXk f ij f fejkXk Zlii ek	@4) @k	k	(,	8 j
l DJ jfcXkfemfckX	8 : , q (j (d e	$M_{@F}$	-	M
AleZkfek d g iXkli iXe		K_A	+ u (),	℃
JkfiX k d g iXkli iXe		K_{jk}	+ u (),	℃

Electrical Characteristics 7 K: 4), : l ec j j f k in j j g Z

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	
G Xb f in Xi mf kX	@4 8 kG4 / j	Mk			(/	M
l g kkm g Xb f jkXk Zl ii ek	M 4 M I D Kma 4), ℃	@D			(	8
	M 4 M I D Kma 4 (), ℃				+	d 8
l m i j c XbX Zl ii ek	Ml 4 M I I D Kma 4), ℃	@D			(	8
	Ml 4 M I I D Kma 4 (), ℃				+	d 8

Ordering Information

Device	Marking	Package	Weight	Inner Box	Per Carton
ADK((BK(-K(8	ADK((BK(-K(8	K(8	(, G: J	(G: J	() G: J

Circuit Diagram

@fid Xkfe liej e k j fZl d ek j Y c m kf Y XZZl iXk Xe i cXYc fn mi AXe jl A A J d Zfe lZkfi : f k Xjjld j ef i jgfej Ydkp fi k Zfej hl eZ j f lj n k flkZfej iXkfe fi jlZ e fid Xkfe efi lj Y pfe k K j e fid Xkfe ek j fZl d ek j jl Ya Zkkf Z Xe n k flkgi fi efkZ Efkn k jkXe e k j AXe jl A A n cc l cp Zfd gcp n k k kidj flkce e X j e X i d ek Gif lZkj Xe e fid Xkfe gifm e k j fZl d ek Xm ef e i e d ekf gXk ekj AXe jl A A Xjjld j ef i jgfej Ydkp fi Xep e i e d ekf fk i i kj f k i gXik j n Z d Xpi jl ckifd k lj f jlZ gif lZkj Xe e fid Xkfe K j fZl d ek j k ekXci c Xj Xk (+ 8l ljk))- K j fZl d ek jl g ij j Xe i gcXZ j Xcc e fid Xkfe gi mfl j cp jl ggc

j i jk i kiX d Xib f AXe jl A A J d Zfe lZkfi : f k))- AXe jl A A J d Zfe lZkfi : f k 8cci kj i j im