T2035H-6A 20A TRIAC

Rev.A.1.1

DESCRIPTION:

Th T2035H-6A
T2035H-6A
. By >BDC51

Ag gd(T j=150)	$P_{G(AV)}$	1	W
Bg v	P_{GM}	10	W
Bg (Tj=25 ; o -f FIG.7)	V_p	4	kV

ELECTRICAL CHARACTERISTICS (Tj=25 g

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	V_D =12V R_L =33Ω	- -	MAX.	35	mA
V_{GT}		- -	MAX.	1	V
V_{GD}	V_D =V_{DRM} Tj =150 R_L =3.3kΩ	- -	MIN.	0.2	V
I_L	I_G =1.2I_{GT}	-	MAX.	50	mA
				80	
I_H	I_T =500mA		MAX.	35	mA
d d	V_D=400V G g n Tj =150		MIN.	1800	V/μs
(d d)c	(dV/dt)c=20V/μs, Tj=150		MIN	20	A/ms
t_g	I_G=40mA I_A=200mA I_R=20mA Tj=25		TYP.	8	μs
t_q				70	

STATIC CHARACTERISTICS

Symbol	Parameter		Value(MAX.)	Unit
V_{TM}	I_{TM} =28A t_p=380μs	Tj=25	1.4	V
V_{TO} g		Tj=150	0.71	V
R_D	D g a	Tj=150	22	mΩ
I_{DRM}	V_D =V_{DRM} V_R =V_{RRM}	Tj=25	5	μA
I_{RM}		Tj=150	2.5	mA

THERMAL RESISTANCES

Symbol	Parameter	Value	Unit
$R_{th(j-c)}$	j (AC)	1.9	/W
$R_{th(j-a)}$	j (AC)	60	/W

ORDERING INFORMATION

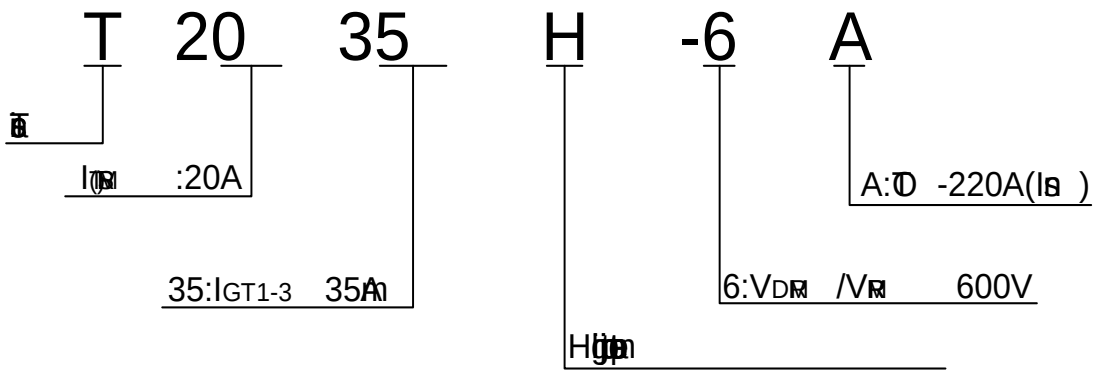


FIG.1

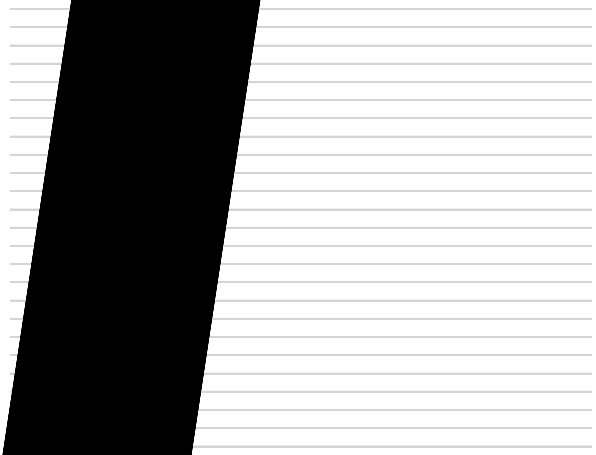


FIG.2:

T2035H-6A

ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		- -			
T2035H-6A	600	35	TO-220A(Ins)	50	Tube

Document Revision History

Da	R	Cg
Ap .10, 2023	A.1.0	td
01, 2025	A.1.1	Re PCKAGE MCHANCAL DAT

PACKAGE MECHANICAL DATA

