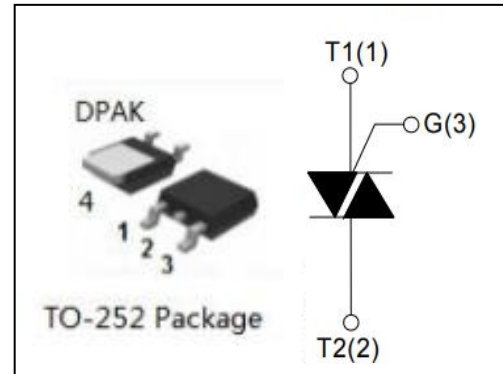


isc Thyristors
T405-600B
APPLICATIONS

• Be suitable for use on AC inductive loads. They are recommended for applications using universal motors, electrovalves.... such as kitchen aid equipments, power tools, dishwashers


ABSOLUTE MAXIMUM RATINGS(T_a=25°C)

SYMBOL	PARAMETER	MIN	UNIT
V _{DRM}	Repetitive peak off-state voltage	600	V
V _{RRM}	Repetitive peak reverse voltage	600	V
I _{T(RMS)}	RMS on-state current 180° conduction angle	4	A
I _{TSM}	Non-repetitive surge peak on-state current t= 20ms	30	A
P _{G(AV)}	Average gate power dissipation	1	W
T _j	Junction temperature	-40 to + 125	°C
T _{stg}	Storage temperature	-40 to + 150	°C

ELECTRICAL CHARACTERISTICS (T_c=25°C unless otherwise specified)

SYMBOL	PARAMETER	CONDITIONS	MAX	UNIT
I _{RRM}	Repetitive peak reverse current	V _{RM} =V _{RRM} , V _{RM} =V _{RRM} , T _j =125°C	5 1	μ A mA
I _{DRM}	Repetitive peak off-state current	V _{DM} =V _{DRM} , V _{DM} =V _{DRM} , T _j =125°C	5 1	μ A mA
V _{TM}	On-state voltage	I _{TM} = 5.5A, t _p = 380 μs	1.6	V
I _{GT}	Gate-trigger current	V _D =12V, R _L =30 Ω	5	mA
V _{GT}	Gate-trigger voltage		1.3	V
I _H	Holding current	I _T = 100mA	10	mA

**NOTICE:**

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