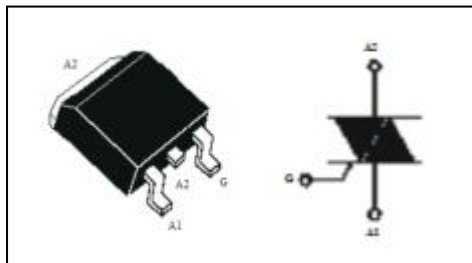


isc Triacs
T1635-600G
FEATURES

- With TO-263 package.
- Be suitable for general purpose AC switching, they can be used as an ON/OFF function in applications.
- Minimum Lot-to-Lot variations for robust device performance and reliable operation.


ABSOLUTE MAXIMUM RATINGS(Ta=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 T _c = 100°C	16	A
I _{TSM}	Non-repetitive peak on-state current	160	A
T _j	Operating junction temperature	-40~125	°C
T _{stg}	Storage temperature	-40~150	°C
R _{th(j-c)}	Thermal resistance (Junction to Case)	1.2	°C/W

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

SYMBOL	PARAMETER	CONDITIONS	MAX	UNIT
I _{RRM}	Repetitive peak reverse current	V _{DRM} =V _{RRM} ; T _j =25°C	5	μA
		V _{DRM} =V _{RRM} ; T _j =125°C	2	mA
I _{DRM}	Repetitive peak off-state current	V _{DRM} =V _{RRM} ; T _j =25°C	5	μA
		V _{DRM} =V _{RRM} ; T _j =125°C	2	mA
I _{GT}	Gate trigger current	I	35	mA
		II	35	
		III	35	
V _{GT}	Gate trigger voltage all quadrant	V _D =12V; R _L = 33 Ω	1.3	V
V _{TM}	On-state voltage	I _{TM} =22.5A; T _j = 25°C	1.55	V