



T1610H-8C 16A TRIAC

Rev.A.1.1

DESCRIPTION:

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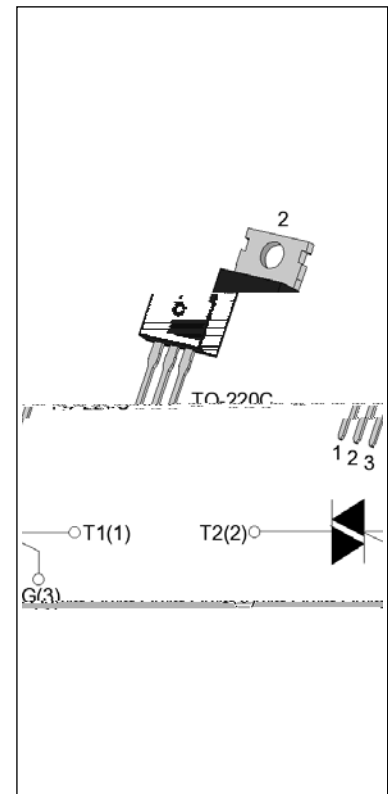
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MAIN FEATURES

Symbol	Parameter	Unit
I_{GT}	16	A
V_{DRM} / V_{RM}	800	V
I_{GT} / I_T	10/10/10	A

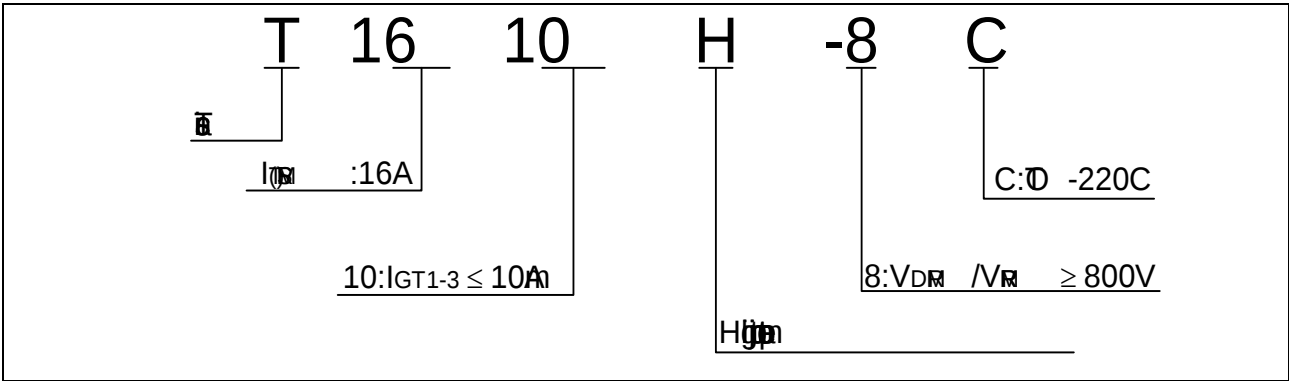


ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
Storage Temperature	T_B	-40-150	
Junction Temperature	T_j	-40-150	
Repetitive Peak Forward Current (T _j = 25°C)	V_{DRM}	800	V
Peak Forward Current (T _j = 25°C)	V_{RM}	800	V
Non-repetitive Peak Forward Current (T _j = 25°C, t ≤ 127 μs)	I_{GT}	16	A
Peak Forward Current (T _j = 25°C, t = 20 μs)	I_{GT}	160	A
Peak Forward Current (T _j = 25°C, t = 16.6 μs)		176	
Peak Forward Current (T _j = 25°C, t = 10 μs)	I_{GT}	72	A ² s
Peak Forward Current (I _G = 2 × I _{GT} , f = 100 Hz, T _j = 150°C)	I_{GT}	100	A/μs
Peak Forward Current (T _j = 150°C, t = 20 μs)	I_{GM}	4	A
Peak Forward Current (T _j = 150°C)	$P_{G(AV)}$	1	W

T1610H-8C

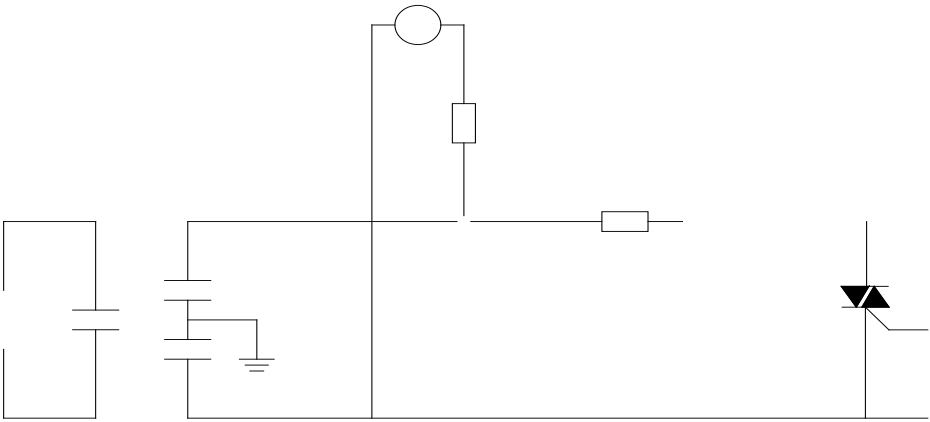
ORDERING INFORMATION



MARKING

FIG.7 61000-4-5

-61000-4-5



ORDERING INFORMATION

Order code	Voltage V _{DRM} /V _{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		- -			
T1610H-8C	800	10	TO-220C	50	Tube

Document Revision History

Da	R	Cg
Ap .10, 2023	A.1.0	1
04, 2025	A.1.1	Re PACKAGE MECHANICAL DATA

PACKAGE MECHANICAL DATA



