8A 4Quadrants TRIACs

Product Summary

Symbol	Value	Unit
$I_{T(RMS)}$	8	A
V_{DRM} V_{RRM}	600/800	V
V_{TM}	1.50	V

DESCRIPTION:

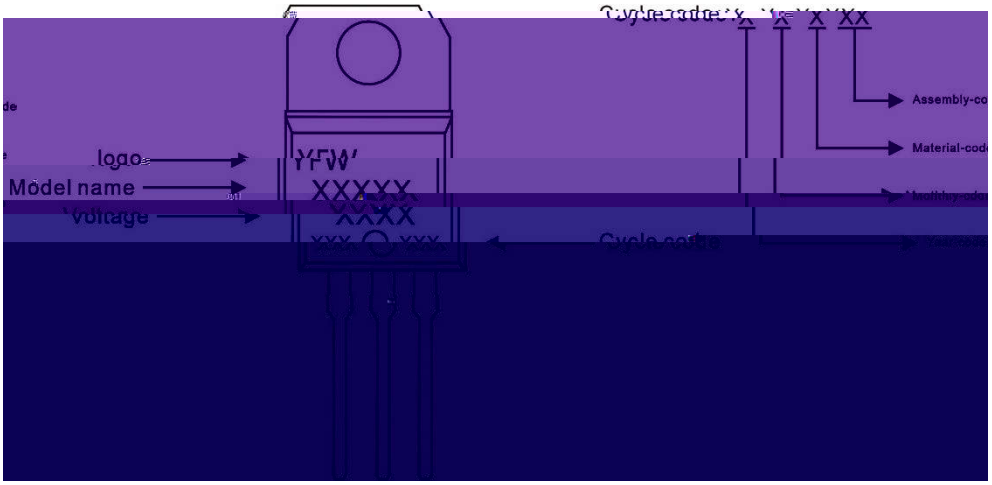
The BTA08 triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating regulation, induction motor starting circuits, for phase control operation in light dimmers, motor speed controllers. B

Electrical characteristics (T_A=25ÁC, unless otherwise noted)

Parameter	Symbol	Test Condition	Value				Unit
			Min	Typ	Max		
					C	B	
Gate trigger current	I_{GG}						

Ordering Information

Marking Diagram



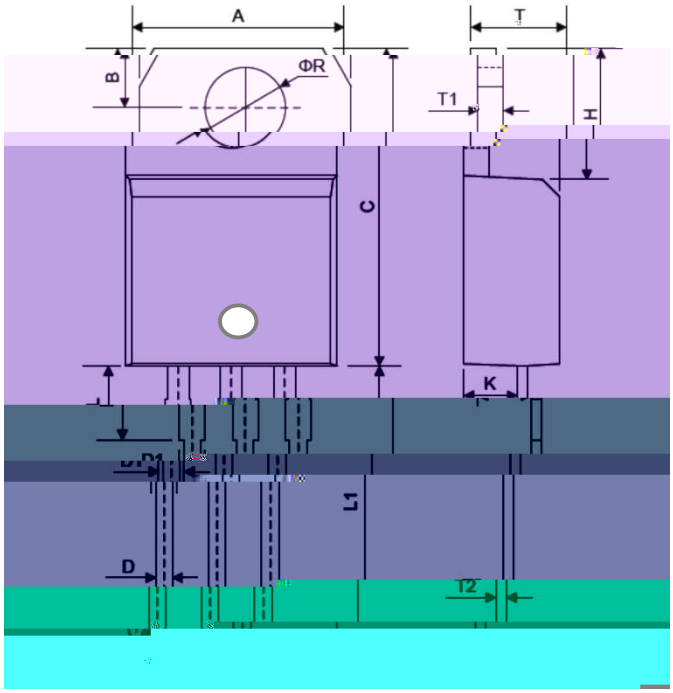
Ordering information

Model name	Package	Unit Weight	Base Quantity	Packing Quantity
BTA08	TO-220A	0.07oz(1.96g)	50pcs/tube	1000PCS/Box 5000PCS/Carton

Package Dimensions

TO-220A(Insulated)

(Insulated)



Symbol	Millimeter		Inches	
	Min.	Max.	Min.	Max.
A	9.80	10.40	0.386	0.409
B	2.65	3.10	0.104	0.122
C	14.80	16.10	0.583	0.634
D	0.70	0.92	0.028	0.036
D1	1.18	1.42	0.047	0.056
E	2.40	2.70	0.095	0.106
L	2.80	4.20	0.11	0.17
L1	13.05	13.60	0.514	0.535
H	5.85	6.82	0.23	0.27
T	4.38	4.61	0.172	0.181
T1	1.15	1.36	0.045	0.054
T2	0.35	0.65	0.014	0.026
ΦR	3.75	3.95	0.148	0.156
	2.35	2.75	0.093	0.108

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