



AU, TA SERIES

SPARK QUENCHER



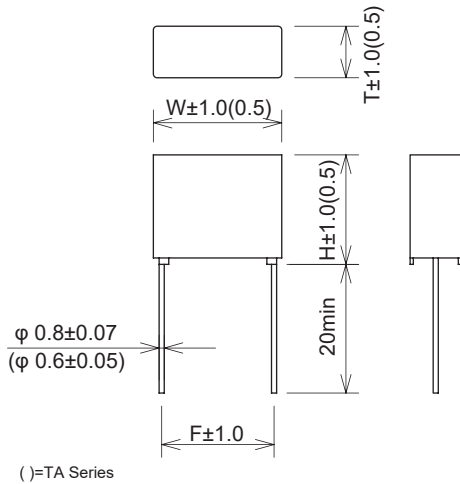
Features

- Compact size
- AC or DC applications

Applications

- Suppressing mechanical switching surge occurring automatic machines and office appliances

Dimensions



Unit: mm

Model numbering system

Series Name	Resistance	Capacitance
AU	010 10Ω	033 0.033μF
TA	047 47Ω	1 0.1μF
	120 120Ω	

- AU Series

Safety Standard	File No.*
UL :UL60384-14	E47474
cUL :CSA E60384-14	E47474
CSA :CAN/CSA-E60384-14	037404_0_000 104926_0_000
ENEC/VDE :IEC/EN 60384-14	40007824

The "ENEC" mark is a common European product certification mark based on testing to harmonised European safety standard. The mark with #10 stands for VDE.



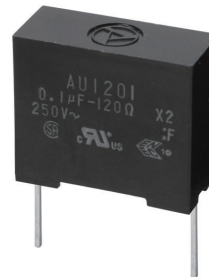
- TA Series

Safety Standard	File No.*
UL :UL60384-14	E47474
cUL :CSA E60384-14	E47474
CSA :CAN/CSA-E60384-14:14	037404_0_000 104926_0_000
VDE :IEC/EN 60384-14	126004

*File No. may be revised without notice. Please contact us at the time of your request for certifications.

AU Series

TA Series



Circuit



Electrical Specifications

Rated Voltage **250Vac**

Safety Standard	Class	Model Number	Capacitance μF±20%	Resistance Ω±30%	Dimensions(mm)				Pulse condition (max.)				Peak Pulse Voltage	Test Voltage	Insulation Resistance
					W	H	T	F	Peak to peak	Pulse width	Repetitive frequency	Pulse width (sec) x Frequency(Hz)			
	X2	AU120033	0.033	120(1/2W)	20.0	17.0	8.0	17.5	700V	20msec.	120(60)Hz	3(0.8)	700V	Line to Line 1,250Vac 50/60Hz 2~5sec	Line to Line 15,000MΩ min.
		AU1201	0.1												
		AU047033	0.033	47(1/2W)											
		AU0471	0.1												
		AU010033	0.033	10(1/2W)											
		AU0101	0.1												
	X2	TA120033	0.033	120(1/4W)	18.0	12.0	5.0	16.0	20msec.	3(0.8)	800V	Line to Line 2,000Vdc or 1,080Vac Line to Case 2,000Vac	Line to Case 100,000MΩ min. (at 100Vdc)		

*1 Regarding superimposed pulse condition, the value of () indicates the condition in case of 250 Vac rating. Please confirm there is no temperature rise when uses for the phase control circuit by 250Vac for example thyristor etc.

*2 Peak to peak value of pulse condition (max.) is the maximum pulse voltage that is overlapped to line voltage and can apply between terminals of spark quencher.

Operating Temperature: -40~+100°C
(TA Series= -40~+85°C)