

## TF For Photo Flash Series

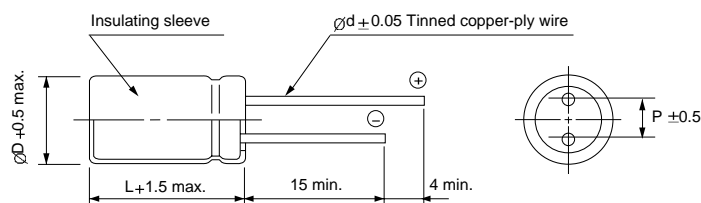
- For photo flash applications with lead wire terminal
- Low dissipation factor, low leakage current and high stability during the repetition of charge and discharge



Item	Characteristics	
Operating temperature range	-20 ~ +55°C	
Capacitance tolerance	-10 ~ +20% at 120Hz, 20°C	
Leakage current max.	$I = 1 \times C (\mu A)$ (after 5 minutes), where C=Nominal capacitance ( $\mu F$ )	
Dissipation factor	0.06 max. at 120Hz, 20°C	
Charge and discharge characteristics	Charge and discharge at rated voltage at 5~35°C with a switch sequence of 30 seconds for 5000 times via xenon flash tube with discharge resistance of 0.7~1.0 $\Omega$	
	Leakage current	Less than 150% of specified value
	Capacitance change	Within $\pm 10\%$ of initial value
	$\tan \delta$	Less than 150% of specified value
Shelf life	The following specifications shall be satisfied when capacitors are restored to 20°C after exposing them for 1000 hours at 55°C without voltage applied.	
	Leakage current	Less than 150% of specified value
	Capacitance change	Within $\pm 10\%$ of initial value
	$\tan \delta$	Less than 150% of specified value

## DRAWING

Unit : mm



$\phi D$	8	10	11.5	12.5	13	14	14.5	16	18
P	3.5	5.0	5.0	5.0	5.0	5.0	7.5	7.5	7.5
$\phi d$	0.6	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8

\* Note : Other case sizes, rated voltage or capacitance are available upon request.  
Please check with us about individual size and dimensions.