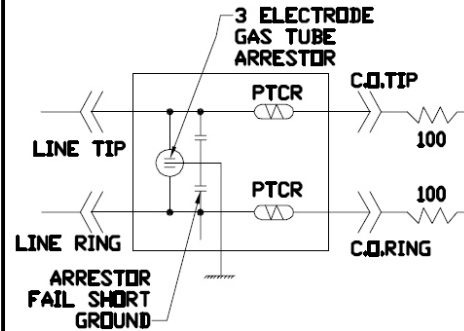


Notes:  
 1. Dimension Tolerance  
 x ±0.2  
 xx ±0.1

SURGE-ARRESTOR MODULE  
 OUTLINE DIAGRAM



SURGE-ARRESTOR MODULE  
 CONNECTION DIAGRAM

\*Various operation currents are available as customer requirement for example:

- Gas tube meets GB9043 requirements.
- DC breakdown voltage=230V ± 15%
- Impulse breakdown voltage 1000V(100V/uS), 1200V(10KV/uS).
- Insulation resistance  $R \geq 1000M \Omega$  (Vdc).
- Parameters of PTCR excessive currents protection:
  - Normal atmospheric resistance  $< 18 \Omega$  at  $25^\circ C \pm 2^\circ C$ .
  - Domant current DC 50 V 110mA t= 1hr (enviromental temperature  $25^\circ C \pm 2^\circ C$ )

Plastic material: Comply to American UL 94V-0 standard.(PBT UL94V-0)

Tin-plated metal parts pass SALT SPRAYING testing.

Protector unit pins and block terminals are tin-plated or gold-plated.

**TBP-LP-49-LF**

LEADFREE

**RoHS Compliant**



PART NO. **TBP-LP-49**

DWG NO. **TBP-LP-49**

FILE NO.

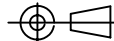
UNIT / mm

SCALE 1:1

CHECKED BY CY

DRAWING BY

PROJECTION



TOLERANCES ARE

.X ± 0.2  
 .XX ±  
 .XXX ±  
 AWG

DESCRIP TION:

AREA

REVISIONS

HK

DATE

焯倫股份有限公司