

# ELCUT Thermal Cutoffs

## Miniturized Minis

### STANDARD SPECIFICATION

Revised 20/11/85

#### New " X " SERIES ( X2 Series)

- ARTICLE ..... THERMAL CUTOFFS (Temperature Fuses)
- TYPE Nos. .... X21, X22, X23, X24, X25, X165, X187
- APPROVED FOREIGN SAFETY STANDARDS:
  - UL (U.S.A.) ..... File No. E50082
  - TÜV (GERMANY) under VDE Standard 0631/9.77  
..... Licence No. R50063.
- RATINGS & PERMIT NUMBERS: - \* Marks means "approved" or "certified"

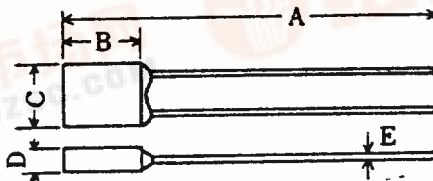
TYPE Nos.	Operating Temperature	Fusing-off Tolerance	Electrical Rating		MITI	UL	CSA	TÜV	VDE
			Ampere	Voltage					
X21	102°C	98 <sup>+2</sup> °C	3 A	250V	33-265	*		*	*
X22	115°C	112 <sup>+3</sup> °C	3 A	250V	33-265	*		*	*
			5 A	125V		*			
X23	130°C	126 <sup>+2</sup> °C	3 A	250V	33-266	*		*	*
			5 A	125V		*			
X24	133°C	130 <sup>+2</sup> °C	3 A	250V	33-266	*		*	*
			5 A	125V		*			
X25	150°C	145 <sup>+2</sup> °C	2.5A	250V	33-202	*		*	*
			5 A	125V		*			
X165	165°C	165 <sup>+3</sup> °C	5 A	250V	33-339				
X187	187°C	184 <sup>+3</sup> °C	5 A	250V	33-340				*

Temperature Tolerance except Type Nos. X165/X187:

UL ..... Above Rated Operating Temperature +0, -10°C  
 TÜV (VDE) .. Above Rated Operating Temperature +0, -10%

The above fusing-off tolerance is measured in silicon oil rising by 1°C /min. by passing 0.1 Ampere.

#### 5. STRUCTURE & DIMENSIONS:

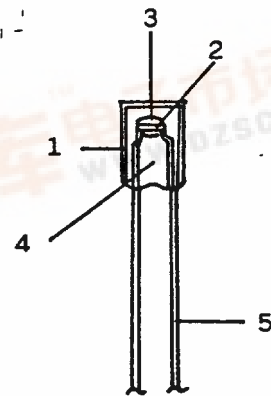


a.	b.	c.	d.	e.
55 <sup>+3</sup>	8.5 <sup>+0.5</sup>	6.6 <sup>+0.5</sup>	2.5 <sup>+0.3</sup>	0.7 <sup>+0.05</sup>

( in MM. )

#### 6. MATERIAL:

DRW No.	Contents
1	Phenolic Resin Container
2	Fusible Alloy
3	Special Compound
4	Epoxy Resin Sealant
5	Plated Copper Wire



\* Remark: X2 series recognized by UL is available for dual rating of 250V 3/2.5A X2 Series. on the marking of 250V 3/2.5A X2 Series.

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