

THERMISTOR SPECIFICATIONS

1) SCOPE

This specifications define rating, dimensions, insulation, climatic sequence and mechanical characteristics for thermistor.

2) PART NO. : 103AT-11

3) RATING

3-1) Rated zero-power resistance. R_{25} : 10 k Ω $\pm$ 1 % (at 25 $^{\circ}$ C)

3-2) B value. $B_{25/85}$: 3,435 K $\pm$ 1 %

* The B value is calculated using the zero-power resistance values measured at 25 $^{\circ}$ C and 85 $^{\circ}$ C.

3-3) Dissipation factor. : Approx. 3 mW/ $^{\circ}$ C (in air)

3-4) Thermal time constant. : Approx. 75 s (in air)

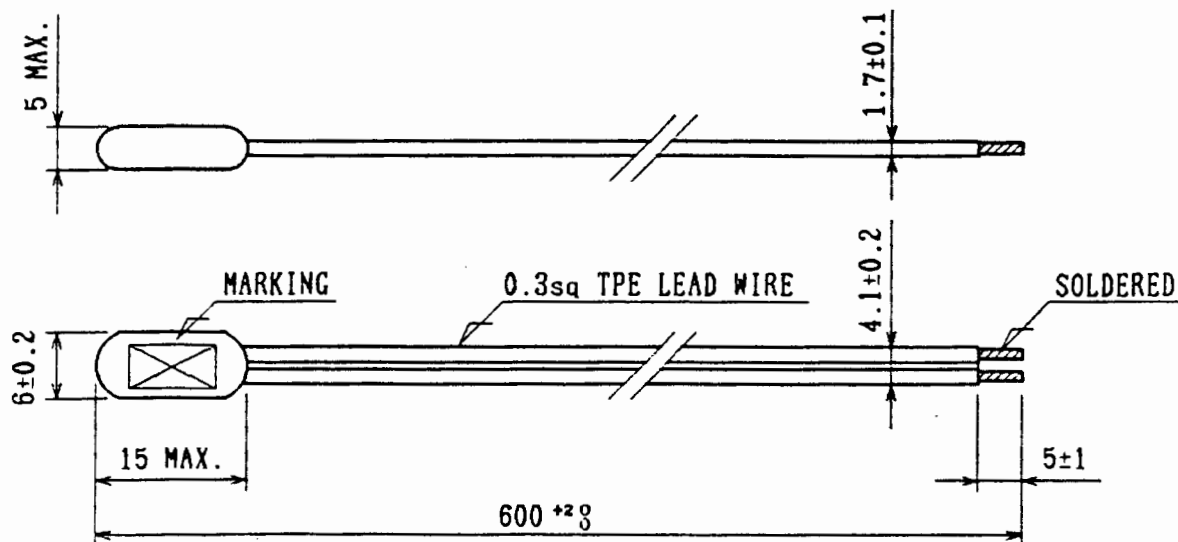
3-5) Maximum power rating. : 15 mW (at 25 $^{\circ}$ C)

3-6) Category temperature range : -50 $\sim$ 105 $^{\circ}$ C

(= Operating temperature range)

4) DIMENSIONS

UNIT:[mm]



Spec.NO.: S94-0285	Note		REVISION	
Date: OCT.24,1994			A	
Approved	Checked	Drawn	B	
		M.SATO	C	

TH SENSOR3-103

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