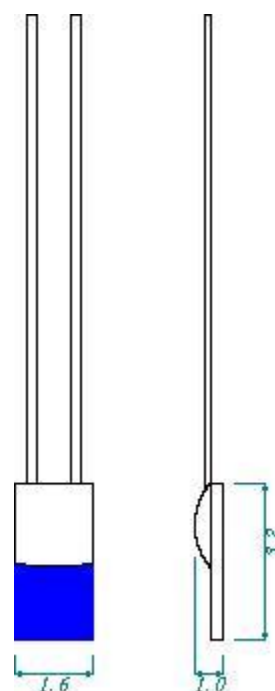


# PLATINUM THIN FILM RTD ELEMENT: CRZ-1632-100

1. Actual resistance values at 0 °C are inspected and printed on the bags for reliability. Therefore, you can recognize those at a glance.
2. The thin film RTD element achieved low cost due to the mass production system.
3. The sputtered platinum layer improves the vibration and shock resistance compared with wire wound types.
4. The stability is excellent at even high temperature due to the construction.
5. The element is a RoHS compliant product.
6. This is a smaller size element. This type is suitable for small diameter protection tubes.

PRODUCT CODE	CRZ-1632-100		
CLASS	1/3B, A, B, 2B		
TEMP. RANGE	1/3B	-20 to 250 °C	
	A	-40 to 400 °C	
	B	-70 to 500 °C	
	2B	-70 to 500 °C	
DIMENSION (mm) (W×L×H)	1.6×3.2×1.0		
THE NUMBER OF ELEMENT	SINGLE		
RESISTANCE VALUE	Pt 100		
MEASUREMENT CURRENT	LESS THAN 1 mA		
LEAD WIRE'S MATERIAL	Au-Plated Nickel		
LEAD WIRE'S DIMENSION (mm) (W×H×L)	0.25×0.15×12		
TEMPERATURE COEFFICIENT RESISTANCE (TCR)	0.003851		
STABILITY	200°C, 1000 hour	ΔR0 < ±0.02%	
	400°C, 1000 hour	ΔR0 < ±0.04%	
RESPONSE TIME (90% RESPONSE)	AIR		WATER
	V=1.0 m/s	V=3.0 m/s	
	10	7	0.3



SELF HEATING	Condition	Self-Heating/ deg. C		
		0.5mA	1mA	(2mA)*
	Still Air without MgO	-	0.10	0.49
	With MgO Powder	-	0	0.08

\*2mA for 100Ω is out of standard