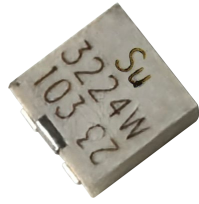


# TSR-3224



## FEATURES

- Small in size.
- Surface Mount 4mm Square Multi-Turn Cermet.
- RoHS compliant

Electrical Characteristics	
Standard Resistance Range	10Ω - 2MΩ
Resistance Tolerance	±10% std.
End Resistance	1% or 2.0 ohms
Contact Resistance Variation	3% or 3 ohms max
Insulation Resistance	500vdc. 100 megohms min.
Dielectric Strength Sea Level	600 vac(1 minute)
Adjustment Angle	12 turns

Environmental Characteristics	
Power Rating(300 volts max.)	85°C 0.25 watt /150°C 0 watt
Temperature Range	-65°C to +150°C
Temperature Coefficient	±100ppm ±250ppm
Vibration	20G TRS±1%; VRS±1%
Shock	100G TRS±1%; VRS±1%
Load Life	@85°C rated power 1,000hours TRS 3 ohms or 3%
Rotational Life	200 cycles TRS 3 ohms or 3% (whichever is greater)

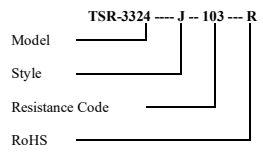
Physical Characteristics	
Torque	180 g-cm max.
Flammability	UL94V0
Weight	Approximately 0.01 oz.

### Standard Resistance table

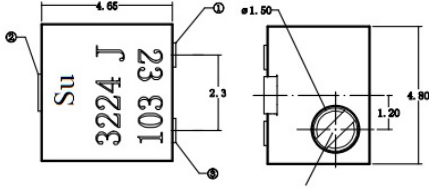
Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
50,000	503
100,000	104
200,000	204
500,000	504
1,000,000	105
2,000,000	205

Special resistances available.

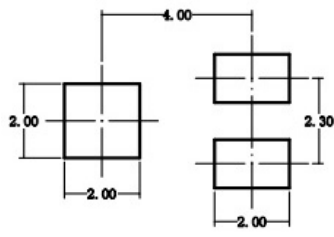
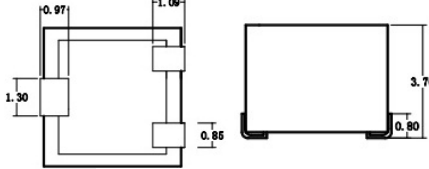
### How to Order



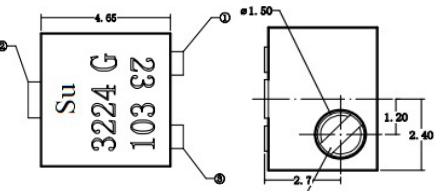
3224J



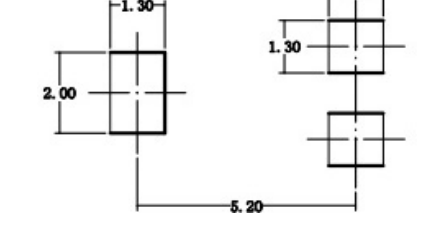
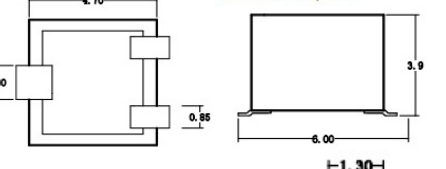
Adjustment Slot  
Wide=0.6 Deep=0.5



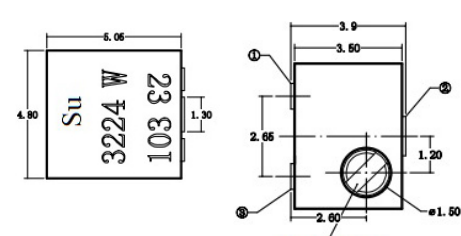
3224G



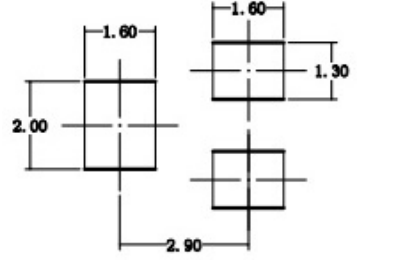
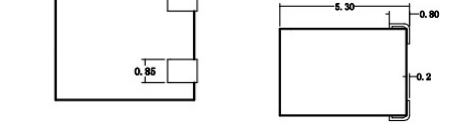
Adjustment Slot  
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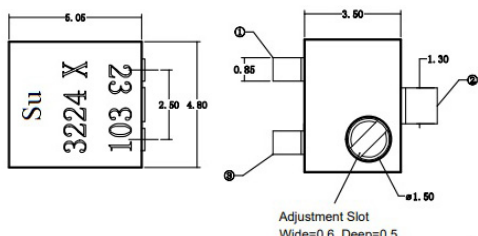
3224W



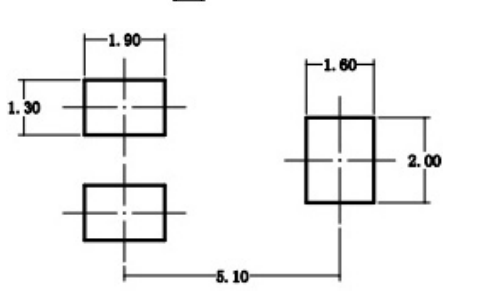
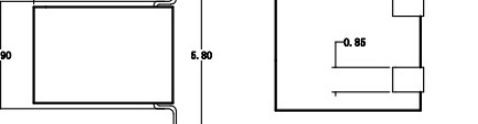
Adjustment Slot  
Wide=0.6 Deep=0.5



3224X



Adjustment Slot  
Wide=0.6 Deep=0.5



Note: Specification are subject to change without notice. For more detail and update, please visit our website.