

# TSR-3314

## FEATURES

- Surface Mount 4mm Square Single-Turn Cermet
- Small in size



Electrical Characteristics	
Standard Resistance Range	10Ω - 2MΩ
Resistance Tolerance	±20% std.
End Resistance	1% or 2Ω max. (whichever is larger)
Contact Resistance Variation	3% or 3Ω
Resolution	Infinite
Insulation Resistance	500 VDC, 100 megohms min.
Dielectric Strength Sea Level	500 VAC (1 minute)
Adjustment Angle	210° nom

Environmental Characteristics	
Power Rating (300 volts max. for Style G, J)	70°C 0.25 watt / 125°C 0 watt
Temperature Range	-55°C ~ +125°C
Temperature Coefficient	±100ppm/°C ±250ppm/°C
Seal Test	85°C Fluorinert +/60 seconds
Humidity	90-98% RH, 10cycles, 240 hours TRS ±2%; IR 10megohms
Vibration	20G TRS ±1%; VRS ±1%
Shock	100G TRS ±1%; VRS ±1%
Load Life (@ 70°C Rated Power 1000 Hours)	TRS ±3%
Rotational Life	100 cycles TRS ±3%
Thermal Shock	5 cycles TRS ±2%; VRS ±1%

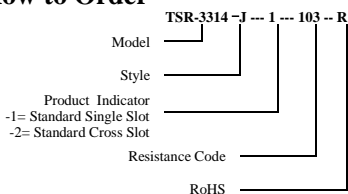
Physical Characteristics	
Mechanical Angle	240° nom
Torque	180 g-cm max.
Stop Torque	300 g-cm mix.
Pushover Strength(S & Z Style)	1.6 Kilograms (3.5lbs) min
Wiper	50% (Actual TR) ±10%
Standard Packaging	500pcs, per tape reel
Adjustment Tool	H-91

## Resistance Table

Resistance(Ohms)	Resistance Code	Resistance(Ohms)	Resistance Code
10	100	10,000	103
20	200	20,000	203
50	500	50,000	503
100	101	100,000	104
200	201	200,000	204
500	501	250,000	254
1,000	102	500,000	504
2,000	202	1,000,000	105
5,000	502	2,000,000	205

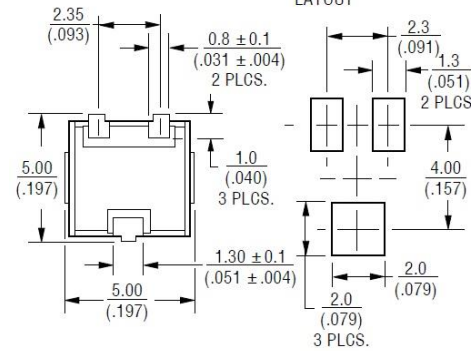
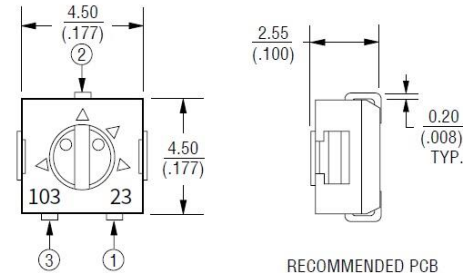
Special resistances available.

## How to Order

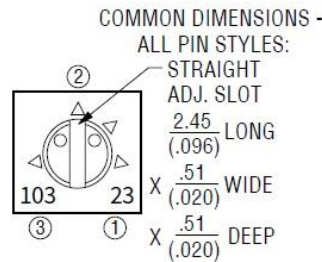


## Common Dimensions

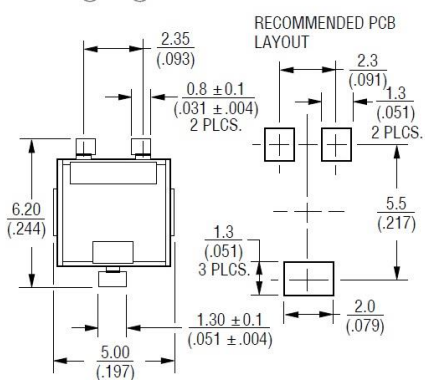
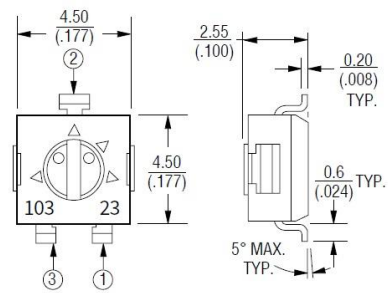
### TSR-3314J-1



### TSR-3314J-1, TSR-3314G-1 Straight Slot



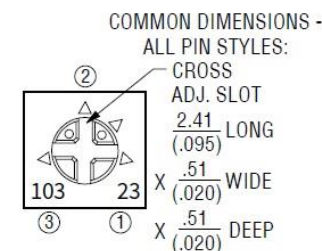
### TSR-3314G-1



Dimensions: MM  
(INCHES)

Tolerances: ±0.30 except where noted  
(±012)

### TSR-3314J-2, TSR-3314G-2 Cross Slot



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