



**Features:**

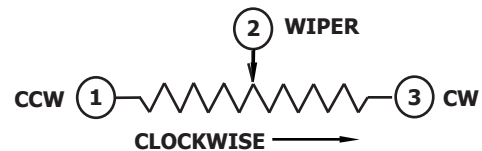
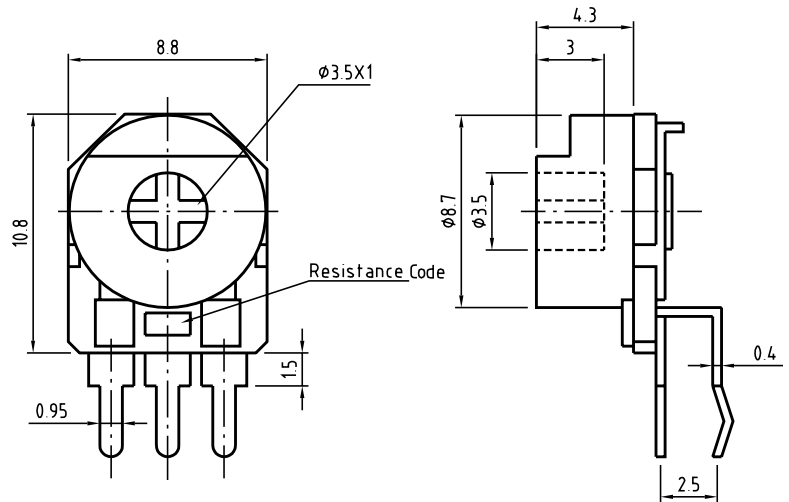
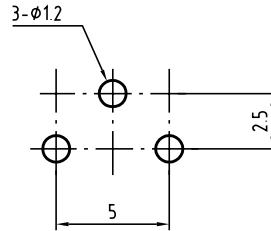
- Single-Turn Cermet Trimmer
- Horizontal and vertical mounting styles
- Dust resistant covers
- RoHS compliant version available, add suffix "LF" to part number.



**Characteristics:**

Electrical Characteristics	
Resistance Value & Tolerance	100Ω - 1MΩ ±20%
Taper	B Curve
Max Power Rating	0.5W (at 70°C)
Max Working Voltage	250V
Sliding Noise	47mV Under
Residual Resistance	10Ω @ R ≤ 1KΩ 1% @ R > 1KΩ
Mechanical Characteristics	
Outline & Drawing	as Drawing
Rotation Angle	260 ± 20 degree
Rotation Torque	30 - 300 gf-cm
Stopper Strength	10K gf-cm
Reliability Specifications	
Operation Life	30 cycle Resistance Value ±10%
Temperature Characteristics	3% @ 70°C 5HR
Temperature Coefficient	±150 ppm / °C
Humidity Characteristic	±5% @ 40°C 90-95% RH without lode ±7%
Resistance to Soldering Heat	Pass 350°C 3sec or 260°C 10 sec @ without any poor contact
Working Temperature	-40°C - 125°C
Terminal Strength	> 300 gf-cm
Temperature Cycle	±5% @ without load 25°C - -40°C 25°C - 125°C ±7%
Standard Packaging	500pcs, per bags

**P.C.B LAYOUT**



**Part Numbering System**

Part Number	Resistance (Ohms)	Part Number	Resistance (Ohms)
3309W-1-101	100	3309W-1-203	20,000
3309W-1-201	200	3309W-1-253	25,000
3309W-1-501	500	3309W-1-503	50,000
3309W-1-102	1,000	3309W-1-104	100,000
3309W-1-202	2,000	3309W-1-204	200,000
3309W-1-502	5,000	3309W-1-254	250,000
3309W-1-103	10,000	3309W-1-105	1,000,000

Nil = 90% Tin, 10% Lead plated  
LF = 100% Tin plated (RoHS compliant)

Specifications are subject to change without notice.  
Customers should verify actual device performance in their specific applications.