

Meter Used: GW INSTEK Model GDM-8245 Serial Number: CL860259

Calibration: None noted

Gr	Br	Rd	Rd	Br	Bl	Br	Gld		
5.1K	100	Ohms	% error	Br	Bl	Br	Gld	100	Ohms
1	5.123	0.45%	99.97	99.97	0.03%	0.03%		99.97	0.03%
2	5.113	0.25%	99.82	99.82	0.18%	0.18%		99.82	0.18%
3	5.093	0.14%	100.03	100.03	0.03%	0.03%		100.03	0.03%
4	5.098	0.04%	100.15	100.15	0.15%	0.15%		100.15	0.15%
5	5.115	0.29%	100.26	100.26	0.26%	0.26%		100.26	0.26%
6	5.065	0.69%	100.31	100.31	0.31%	0.31%		100.31	0.31%
7	5.111	0.22%	99.81	99.81	0.19%	0.19%		99.81	0.19%
8	5.098	0.04%	100.19	100.19	0.19%	0.19%		100.19	0.19%
9									
Mean	5.102	0.26%	100.068	100.068	0.17%	0.17%		100.068	0.17%
Stated Val:	5.100		100.000	100.000				100.000	
Min	4.998		95	95				95	
Max	5.202		105	105				105	

Silver = ±10%  
1.98  
2.42

Gold = ±5%  
95  
105

# Resistor Color Code Identification

**Color Codes**

0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Grey
9	White
±1%	Brown
±5%	Red
±10%	Gold
	Silver

**4 Band Resistors**

EXAMPLE: 27K  
 Bands: 2 (Red), 7 (Blue), ×10 (Gold), ±10% (Gold)

**5 Band Resistors**

EXAMPLE: 15K  
 Bands: 1 (Brown), 5 (Green), 1 (Brown), ×10 (Gold), ±10% (Gold)

**6 Band Resistors**

EXAMPLE: 620K  
 Bands: 6 (Blue), 2 (Red), 0 (Black), ×10 (Gold), ±10% (Gold), ±10% (Gold)

