

# VISHAY PRECISION GROUP Current Sensing SMD Resistors



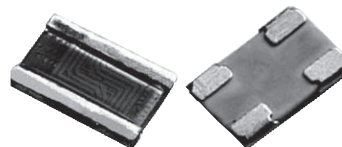
## VCS1625 AND VCS1625Z SERIES CURRENT SENSING SMD RESISTORS

**Features:**

- Operating Temperature: - 55°C to + 125°C
- Excellent load life stability
- Non inductive, non capacitive design
- Non hot spot design
- Tolerance: 0.01%, 0.1%, 1% available
- Temperature Coefficient: 2PPM

**Applications:**

- High precision instrumentation
- Current Sensing applications
- Applications that require superior frequency stability
- Medical



### VCS1625 High Precision Bulk Metal Foil SMD

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Value Ω	Price Each	
			1	5
<b>1625 CASE SIZE - 0.5 Watt</b>				
71-VCS16250R0100FST	Y08500R01000F9R	0.01	20.64	20.14
71-VCS16250R1000FST	Y08500R10000F9R	0.1	17.53	17.10
71-VCS16251R0000BST	Y08501R00000B9R	1	23.37	22.80

### VCS1625Z Ultra High Precision Z-Foil SMD

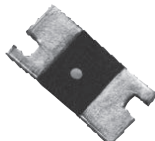
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Value Ω	Price Each	
			1	5
<b>1625Z CASE SIZE - 0.5 Watt</b>				
71-VCS1625Z0R5000FSW	Y16070R50000F9W	0.5	14.38	14.06
71-VCS1625Z2R0000TSW	Y16072R00000T9W	2	21.64	17.08

## CSM SERIES - HIGH PRECISION POWER METAL STRIP RESISTOR

**Features:**

- Operating Temperature: - 55°C to + 125°C
- Excellent load life stability
- Solderable terminations
- Tolerance: 0.1%, 0.5%, 1% available
- Temperature Coefficient: 15PPM and 25PPM



### CSM2512

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Value Ω	Price Each	
			1	5
<b>2512 CASE SIZE - 1 Watt</b>				
71-CSM25120R0050B5T	Y14870R00500B9R	0.005	5.18	5.07
71-CSM25120R0100B5T	Y14870R01000B9R	0.01	10.35	10.10
71-CSM25120R0500B5T	Y14870R05000B9R	0.05	7.12	6.96
71-CSM25120R1000B5T	Y14870R10000B9R	0.1	7.12	6.96

### CSM3637

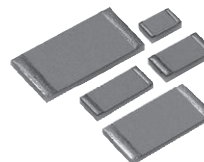
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Value Ω	Price Each	
			1	5
<b>3637 CASE SIZE - 3 Watt</b>				
71-CSM36370R0010D5T	Y14880R00100D9R	0.001	12.35	12.05
71-CSM36370R0020B5T	Y14880R00200B9R	0.002	13.00	12.95
71-CSM36370R0050B5T	Y14880R00500B9R	0.005	13.00	12.95
71-CSM36370R0050F5T	Y14880R00500F9R	0.005	11.98	11.69

## VFCEP SERIES - ULTRA HIGH PRECISION Z-FOIL FLIP CHIP RESISTOR

**Features:**

- Operating Temperature: - 55°C to + 125°C
- Temperature Coefficient: 0.2PPM
- Excellent load life stability
- Tolerance: .01%
- Low noise
- TCR 0.05ppm/°C



### VFCEP0805

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Value Ω	Price Each	
			1	5
<b>0805 CASE SIZE - 100 mWatt</b>				
71-VFCEP08051K0000T5T	Y16291K00000T9R	1K	12.75	11.22

### VFCEP1506

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Value Ω	Price Each	
			1	5
<b>1506 CASE SIZE 100 mWatt</b>				
71-VFCEP150620K000T5T	Y163120K0000T9R	20	12.65	12.20

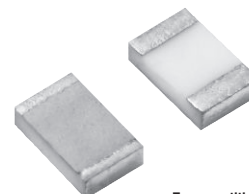
## VSMP SERIES - ULTRA HIGH PRECISION FOIL WRAPAROUND SMD CHIP RESISTOR

**Features:**

- Operating Temperature: - 55°C to + 125°C
- Excellent load life stability
- Non hot spot design
- Extremely low TCR
- Tolerance: .01%

**Applications:**

- High precision instrumentation
- Laboratory, industrial and medical
- Audio
- Down hole instrumentation
- Communication



### VSMP0805

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Value Ω	Price Each	
			1	5
<b>0603 Case Size - 100 mWatt</b>				
71-VSMP06033K0000T5T	Y16363K00000T9R	3K	29.20	22.65

### VSMP0805

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Value Ω	Price Each	
			1	5
<b>0805 Case Size - 750 mWatt</b>				
71-VSMP0805350R000T5T	Y1624350R000T9R	350	14.75	11.50
71-VSMP08051K0000T5T	Y16241K00000T9R	1K	14.75	11.50
71-VSMP08055K0000T5T	Y16245K00000T9R	5K	15.90	12.40

### VSMP1206

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Value Ω	Price Each	
			1	5
<b>0603 Case Size - 750 mWatt</b>				
71-VSMP1206100R00Q5T	Y1625100R000Q9R	100	13.40	10.40
71-VSMP12061K0000T5T	Y16251K00000T9R	1K	14.40	11.22
71-VSMP120610K000T5T	Y162510K0000T9R	10K	15.55	12.10
71-VSMP120620K000T5T	Y162520K0000T9R	20K	15.55	14.71

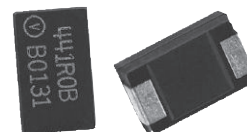
## SMR1DZ/SMR3DZ 0.01% ULTRA HIGH PRECISION Z-FOIL MOLDED SMD RESISTOR

**Features:**

- Operating Temperature: - 55°C to + 125°C
- Excellent load life stability
- Power Rating: to 600mW at 70°C
- Matched sets with TCR tracking are available upon request

**Applications:**

- Precision Amplifiers
- Medical
- Industrial
- Audio
- Automatic Test Equipment
- High Precision Instrumentation



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Value Ω	Price Each	
			1	5
71-SMR1DZ10R000BST	Y174510R0000B9R	10	13.30	10.97
71-SMR1DZ50R000T5T	Y174550R0000T9R	50	14.40	13.50
71-SMR1DZ1K0000T5T	Y17451K00000T9R	1K	15.75	12.37
71-SMR1DZ5K0000T5T	Y17455K00000T9R	5K	15.75	12.37
71-SMR1DZ10K000T5T	Y174510K0000T9R	10K	16.95	13.20
71-SMR1DZ20K000T5T	Y174520K0000T9R	20K	16.95	13.26

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Value Ω	Price Each	
			1	5
71-SMR3DZ100R00T5T	Y1746100R000T9R	100	18.73	15.05
71-SMR3DZ1K0000T5T	Y17461K00000T9R	1K	18.73	15.05
71-SMR3DZ5K0000T5T	Y17465K00000T9R	5K	18.73	15.05
71-SMR3DZ10K000T5T	Y174610K0000T9R	10K	18.73	15.05