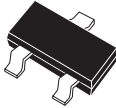


**CMPZ4614  
THRU  
CMPZ4627**

**350mW LOW NOISE ZENER DIODE  
5% TOLERANCE**



**SOT-23 CASE**

**DESCRIPTION:**

The CENTRAL SEMIONDUCTOR CMPZ4614 Series Silicon Zener Diode is high quality voltage regulator designed for low leakage, low current and low noise applications.

**ELECTRICAL CHARACTERISTICS**

( $T_A=25^{\circ}\text{C}$ )  $V_F=1.0$  MAX @  $I_F=200\text{mA}$  FOR ALL TYPES.

TYPE NO.	ZENER VOLTAGE	TEST CURRENT	MAXIMUM ZENER IMPEDANCE	MAXIMUM REVERSE LEAKAGE CURRENT		MAXIMUM ZENER CURRENT	MAXIMUM NOISE DENSITY
	$V_Z @ I_{ZT}$	$I_{ZT}$	$Z_{ZT} @ I_{ZT}$	$I_R @ V_R$		$I_{ZM}$	$N_D @ I_{ZT}=250\mu\text{A}$
	VOLTS	$\mu\text{A}$	$\Omega$	$\mu\text{A}$	VOLTS	mA	$\mu\text{V}/\sqrt{\text{Hz}}$
CMPZ4614*	1.8	250	1200	7.5	1.0	120	1.0
CMPZ4615*	2.0	250	1250	5.0	1.0	110	1.0
CMPZ4616*	2.2	250	1300	4.0	1.0	100	1.0
CMPZ4617*	2.4	250	1400	2.0	1.0	95	1.0
CMPZ4618*	2.7	250	1500	1.0	1.0	90	1.0
CMPZ4619*	3.0	250	1600	0.8	1.0	85	1.0
CMPZ4620*	3.3	250	1650	7.5	1.5	80	1.0
CMPZ4621*	3.6	250	1700	7.5	2.0	75	1.0
CMPZ4622*	3.9	250	1650	5.0	2.0	70	1.0
CMPZ4623*	4.3	250	1600	4.0	2.0	65	1.0
CMPZ4624*	4.7	250	1550	10	3.0	60	1.0
CMPZ4625*	5.1	250	1500	10	3.0	55	2.0
CMPZ4626*	5.6	250	1400	10	4.0	50	4.0
CMPZ4627*	6.2	250	1200	10	5.0	45	5.0

\* Available on special order only, please consult factory.

All dimensions in inches (mm).

