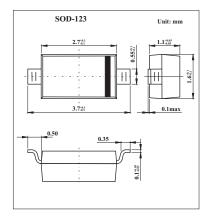


KE183W thru KE253W

■ Features

- Metal silicon junction, majority carrier conduction
- Low power loss, high efficiency



■ Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	KE183W	KE203W	KE223W	KE253W	Unit
Regulator current at specified test	lР	18	20	22	23	mA
Knee impedance Test Voltageat I=0.8 IP	Vĸ	3.0				V
Peak Operating Voltage	Vво	100.0				V
A 90Hz signal VK with RMS value equal to 10% of test voltage ,Vk,is superimposed on Vk:Rk=Vk/ik	Rdk	10 to 300				Ohm
DC Power	Pb	1.0				W
Operating junction temperature range	TJ	-50 to +150				$^{\circ}$
Storage temperature range	Тѕтс	-50 to +150				$^{\circ}$
Typical temperature coefficient	Тс	-0.20 to -0.15	-0.20 to -0.32	-0.23 to -0.32	-0.23 to -0.35	%/℃

Note1:Field-effect current regulator diodes are circuit elements that provide a currentessentially independent of voltage,

These diodes are especially designed for maximum impedance over the operating range. These devices may be used in parallel to obtain higher currents

Note2:Generally ip indicate $\pm\,10\%$ tolerance;suffix:"A" indicate $\pm\,5\%$ tolerance