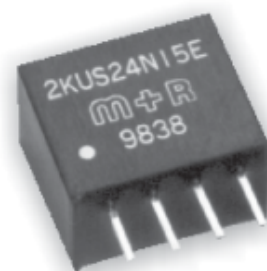


2 Watt

4 Pin SIL Package K



- o Ultra-Miniature Size
- o Unregulated Output
- o 1000 VDC I/O-Isolation
- o Only Single Output



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	%EFF
2KUS5N3.3E	5 VDC	3.3 VDC	450 mA	68
2KUS5N5E		5 VDC	400 mA	70
2KUS5N9E		9 VDC	222 mA	72
2KUS5N12E		12 VDC	166 mA	75
2KUS5N15E		15 VDC	133 mA	78
2KUS5N24E		24 VDC	83 mA	75
2KUS9N3.3E	9 VDC	3.3 VDC	450 mA	68
2KUS9N5E		5 VDC	400 mA	70
2KUS9N9E		9 VDC	222 mA	72
2KUS9N12E		12 VDC	166 mA	75
2KUS9N15E		15 VDC	133 mA	78
2KUS9N24E		24 VDC	83 mA	75
2KUS12N3.3E	12 VDC	3.3 VDC	450 mA	68
2KUS12N5E		5 VDC	400 mA	70
2KUS12N9E		9 VDC	222 mA	72
2KUS12N12E		12 VDC	166 mA	75
2KUS12N15E		15 VDC	133 mA	78
2KUS12N24E		24 VDC	83 mA	75

SPECIFICATIONS

All Specifications Typical At Nominal Line, Full Load, and 25°C Unless Otherwise Noted

MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	%EFF
2KUS15N3.3E	15 VDC	3.3 VDC	450 mA	68
2KUS15N5E		5 VDC	400 mA	70
2KUS15N9E		9 VDC	222 mA	72
2KUS15N12E		12 VDC	166 mA	75
2KUS15N15E		15 VDC	133 mA	78
2KUS15N24E		24 VDC	83 mA	75
2KUS24N3.3E	24 VDC	3.3 VDC	450 mA	68
2KUS24N5E		5 VDC	400 mA	70
2KUS24N9E		9 VDC	222 mA	72
2KUS24N12E		12 VDC	166 mA	75
2KUS24N15E		15 VDC	133 mA	78
2KUS24N24E		24 VDC	83 mA	75

SPECIFICATIONS

All Specifications Typical At Nominal Line, Full Load, and 25°C Unless Otherwise Noted

INPUT SPECIFICATIONS

Input Voltage Range	±10 %
Input Filter	Capacitor Type

OUTPUT SPECIFICATIONS

Voltage Accuracy		±5%
Temperature Coefficient		±0.03%/°C
Ripple and Noise, 20MHz BW		200 mV p-p max.
Short Circuit Protection		1 sec.
Line Regulation		1.2%/1% of Vin
Load Regulation (10% to 100% Load)	3.3V, 5V	±15% max.
	9V, 12V, 15V, 24V	±10% max.

GENERAL SPECIFICATION

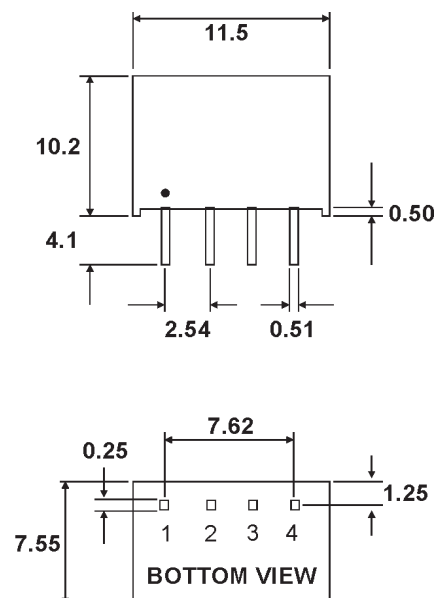
Efficiency	see table	
Isolation Voltage	1000 VDC min.	
Isolation Resistance	10 Gohms	
Isolation Capacitance	46 pF	
Switching Frequency	20 kHz min.	
Operating Temperature Range	-40°C to +85°C	
Storage Temperature Range	-55°C to +125°C	
Derating	see diagram	
Weight	1.4 grams	
Case Material	Non-Conductive Black Plastic	
MTBK (MIL-HDBK-217F)	at 25°C at 85°C	845000 hrs 160000 hrs

SPECIFICATIONS

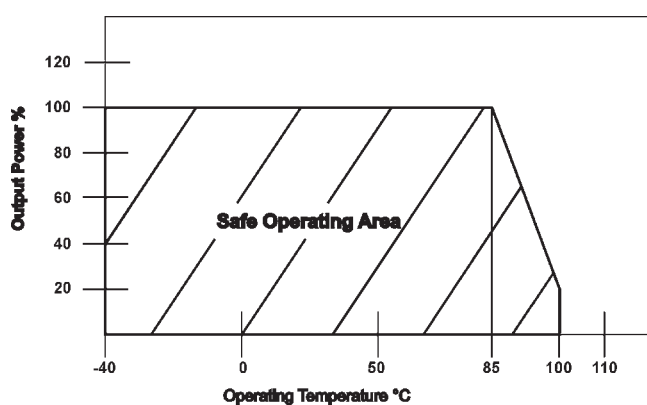
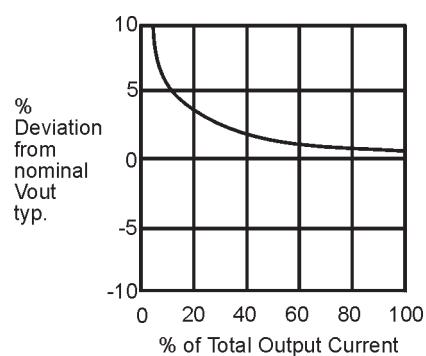
All Specifications Typical At Nominal Line, Full Load, and 25°C Unless Otherwise Noted

MECHANICAL SPECIFICATIONS

CASE "K"



All Dimensions in mm.
Tolerances: ± 0.25 mm

MECHANICAL SPECIFICATIONS**Derating****Load Regulation****NOTICE:**

The information in this document has been carefully checked. However, no responsibility is assumed for inaccuracies! Specifications can be changed without notice. The latest and most complete information can be found on our website.