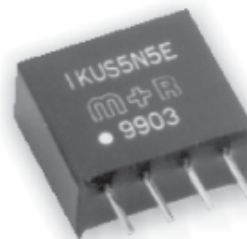
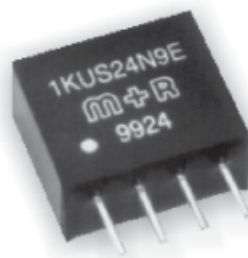


1 Watt

4 Pin SIL Package K



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



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	%EFF
1KUS1.8N1.8E	1.8 VDC	1.8 VDC	555 mA	68
1KUS1.8N3.3E		3.3 VDC	300 mA	68
1KUS1.8N5E		5 VDC	200 mA	70
1KUS1.8N9E		9 VDC	111 mA	75
1KUS1.8N12E		12 VDC	84 mA	78
1KUS1.8N15E		15 VDC	66 mA	80
1KUS1.8N24E		24 VDC	42 mA	70
1KUS3.3N1.8E	3.3 VDC	1.8 VDC	555 mA	68
1KUS3.3N3.3E		3.3 VDC	300 mA	68
1KUS3.3N5E		5 VDC	200 mA	70
1KUS3.3N9E		9 VDC	111 mA	75
1KUS3.3N12E		12 VDC	84 mA	78
1KUS3.3N15E		15 VDC	66 mA	80
1KUS3.3N24E		24 VDC	42 mA	70
1KUS5N1.8E	5 VDC	1.8 VDC	555 mA	68
1KUS5N3.3E		3.3 VDC	300 mA	68
1KUS5N5E		5 VDC	200 mA	70
1KUS5N9E		9 VDC	111 mA	75
1KUS5N12E		12 VDC	84 mA	78
1KUS5N15E		15 VDC	66 mA	80
1KUS5N24E		24 VDC	42 mA	70

SPECIFICATIONS

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

MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	%EFF
1KUS9N1.8E	9 VDC	1.8 VDC	555 mA	68
1KUS9N3.3E		3.3 VDC	300 mA	68
1KUS9N5E		5 VDC	200 mA	70
1KUS9N9E		9 VDC	111 mA	75
1KUS9N12E		12 VDC	84 mA	78
1KUS9N15E		15 VDC	66 mA	80
1KUS9N24E		24 VDC	42 mA	70
1KUS12N1.8E	12 VDC	1.8 VDC	555 mA	68
1KUS12N3.3E		3.3 VDC	300 mA	68
1KUS12N5E		5 VDC	200 mA	70
1KUS12N9E		9 VDC	111 mA	75
1KUS12N12E		12 VDC	84 mA	78
1KUS12N15E		15 VDC	66 mA	80
1KUS12N24E		24 VDC	42 mA	70
1KUS15N1.8E	15 VDC	1.8 VDC	555 mA	68
1KUS15N3.3E		3.3 VDC	300 mA	68
1KUS15N5E		5 VDC	200 mA	70
1KUS15N9E		9 VDC	111 mA	75
1KUS15N12E		12 VDC	84 mA	78
1KUS15N15E		15 VDC	66 mA	80
1KUS15N24E		24 VDC	42 mA	70
1KUS24N1.8E	24 VDC	1.8 VDC	555 mA	68
1KUS24N3.3E		3.3 VDC	300 mA	68
1KUS24N5E		5 VDC	200 mA	70
1KUS24N9E		9 VDC	111 mA	75
1KUS24N12E		12 VDC	84 mA	78
1KUS24N15E		15 VDC	66 mA	80
1KUS24N24E		24 VDC	42 mA	70

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

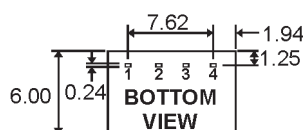
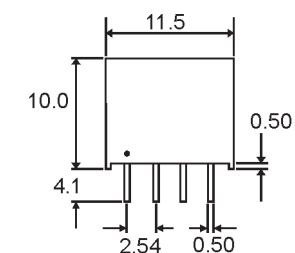
Voltage Accuracy		±5%	
Temperature Coefficient		±0.03%/°C	
Ripple and Noise, 20MHz BW		100 mV p-p max.	
Short Circuit Protection		1 sec.	
Line Regulation per 1% of Vin	1.8 V, 3.3 V, 5 V, 24 V	±1.3% max.	
	9 V, 12 V, 15 V	±1.2% max.	
Load Regulation	20% to 100%	1.8 V	±20% max.
	10% to 100%	3.3 V, 5 V	±15% max.
	10% to 100%	9 V, 12 V, 15 V, 24 V	±10% max.

GENERAL SPECIFICATION

Efficiency	see table	
Isolation Voltage	1000VDC min.	
Isolation Resistance	10 Gohms	
Isolation Capacitance	80 pF	
Switching Frequency	20kHz 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	
MTBF (MIL-HDBK-217F)	at 25°C	985000 hrs
	at 85°C	200000 hrs

SPECIFICATIONS

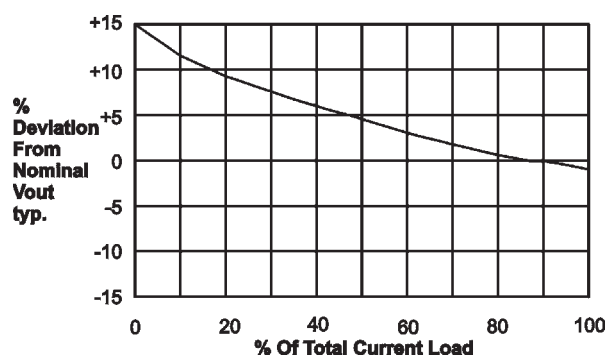
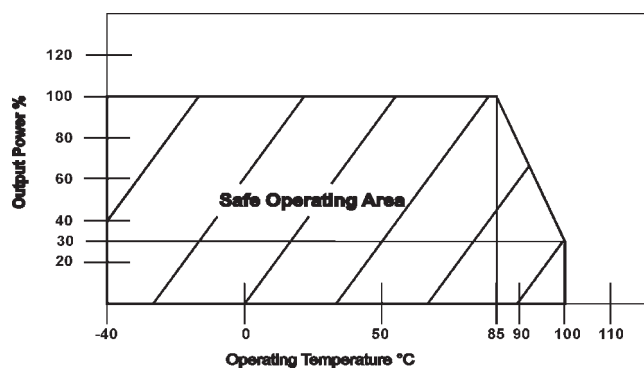
All Specifications Typical At Nominal Line, Full Load, and 25°C Unless Otherwise Noted

MECHANICAL SPECIFICATIONS**CASE "K"**

All Dimensions in mm.
Tolerances: ± 0.25 mm

PIN CONNECTIONS

1	-INPUT
2	+INPUT
3	-OUTPUT
4	+OUTPUT

DIAGRAMS**Derating****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.