



### SPECIFICATION

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

#### GENERAL SPECIFICATION

- \* Switching frequency: ..... >80KHz
- \* Isolation voltage: ..... 3,000VAC (min.)
- \* Isolation resistance: ..... 100M Ω(min.)
- \* Operating ambient temperature: ..... -20 to +71°C
- \* Storage temperature: ..... -25 to +85°C
- \* Relative humidity: ..... 20% to 95%RH
- \* M.T.B.F.: ..... 265,000Hrs at @ GF40, according to MIL-HDBK-217F
- \* Cooling: ..... Free air convection
- \* Transient recovery time: ..... 300μS, 50% load step change
- \* Temperature coefficient: ..... ±0.02% / °C
- \* Dimension: ..... 58 x 45 x 18.5mm

#### INPUT SPECIFICATIONS

- \* Input voltage range / frequency: ..... 85 ~ 265VAC / 47 ~ 63Hz
- \* Max. Input voltage: ..... 265VAC
- \* Inrush current: ..... < 10A at 110VAC  
< 18A at 230VAC

#### OUTPUT SPECIFICATIONS

- \* Output voltage accuracy: ..... ±2% at Vo\_nom(max.)
- \* Minimum load: ..... None at Vo\_nom for single output models  
20% FL each output at Vo\_nom for dual output models
- \* Line regulation: ..... ±1% at Vo\_nom
- \* Load regulation: ..... ±2% (NL ~ FL) at Vo\_nom for single output models  
±2% (20% ~ FL) at Vo\_nom for dual output models
- \* Ripple & noise: ..... Vout x ±1% mV p-p (max.)
- \* Efficiency: ..... Up to 79%, see model list
- \* Derating: ..... +51 to +71°C, 2% / °C
- \* Case material: ..... Non-conductive black plastic

#### CONTROL AND PROTECTION

- \* Input fuse: ..... T2A / 250VAC
- \* Output short circuit: ..... Current limited

#### APPROVALS AND STANDARD

- UL / cUL: ..... UL1950
- TUV: ..... IEC60950
- CE: ..... EN55022 for EMI  
EN50082-1 for EMS



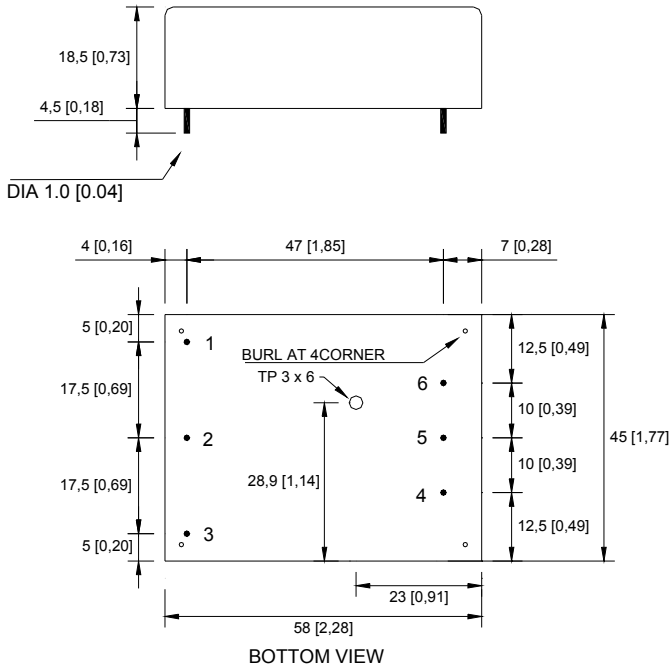
# KAM07 SERIES

## AC-DC POWER MODULE

6.3 ~ 7.6W *UL / cUL / TUV / CE*

### MECHANISM & PIN CONFIGURATION

mm [inch]



### PHYSICAL CHARACTERISTICS

CASE SIZE	58 x 45 x 18.5mm 2.28 x 1.77 x 0.73inch
CASE MATERIAL	Plastic
WEIGHT	85 g

### PIN ASSIGMENT

PIN NO.	1	2	3	4	5	6
SINGLE	AC IN	AC IN	F.G.	Vo-	NO PIN	Vo+
DUAL	AC IN	AC IN	F.G.	Vo2	com	Vo1

### Derating:

