

REV. Status

REVISION -
04/10/00 DS

DC/DC CONVERTER 3.0W SINGLE OUTPUT TYPE

MODEL NUMBER

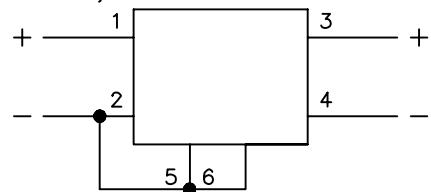
XKS-2405

A. Electrical Specifications;

1. Input Voltage	18.0–32.0Vdc (Rating 24V)
2. Output Voltage	5.0±5%
3. Output Current	50–500mA
4. Output Ripple	100mVp-p MAX
5. Line Regulation	1% MAX
6. Load Regulation	1% MAX
7. Temperature coefficient	0.03%/°C
8. Efficiency	70% MIN
9. Output short protection	Built-in auto-reset protection
10. Operating temperature	-20°C–+70°C
11. Storage temperature	-40°C–+85°C
12. Insulation resistance	50MΩ MIN. at DC500V
13. Vibration	1.5mm, 10~55Hz, three directions each 2 hours
14. Shock	50G, half sine wave

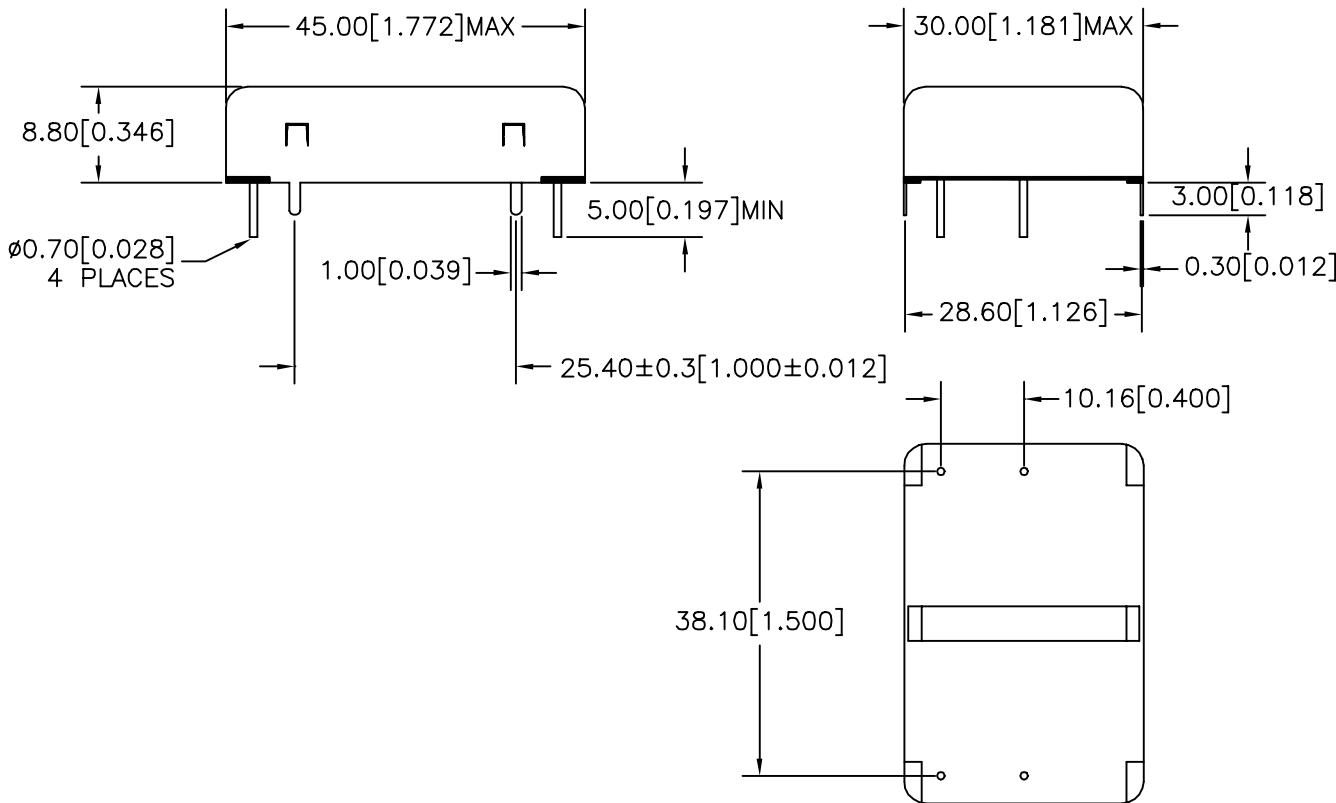
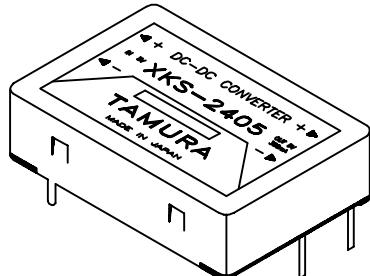
B. Marking; XKS-2405, TAMURA, date code and country of origin

C. Schematic;



D. Mechanical specification

All dimensions nominal unless otherwise specified.



PREPARED BY:

D. Rund

ENGINEER:

D. Suzuki

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DWG CONTROL NO. REV
P-A3-12461
ACAD\DC-DC\A3124611.DWG —DC/DC CONVERTER
3.0W SINGLE OUTPUTTAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482

XKS-2405

MODEL SPECIFICATION

DIM: mm(in) SCL: NONE SH: 1 OF 1

PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN ARE PROPRIETARY ITEMS TO WHICH TAMURA RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, REPRODUCTION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING.