

REV. Status

REVISION -
04/10/00 DS

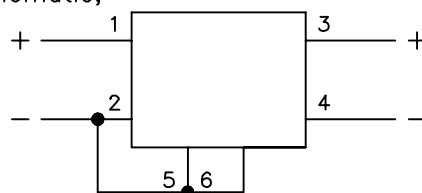
DC/DC CONVERTER 1.5W SINGLE OUTPUT TYPE

A. Electrical Specifications;

- | | |
|----------------------------|--|
| 1. Input Voltage | 18.5-32.0Vdc (Rating 24V) |
| 2. Output Voltage | 12.0±5% |
| 3. Output Current | 12-120mA |
| 4. Output Ripple | 100mVp-p MAX |
| 5. Line Regulation | 1% MAX |
| 6. Load Regulation | 1% MAX |
| 7. Temperature coefficient | 0.03%/°C |
| 8. Efficiency | 67% 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 |

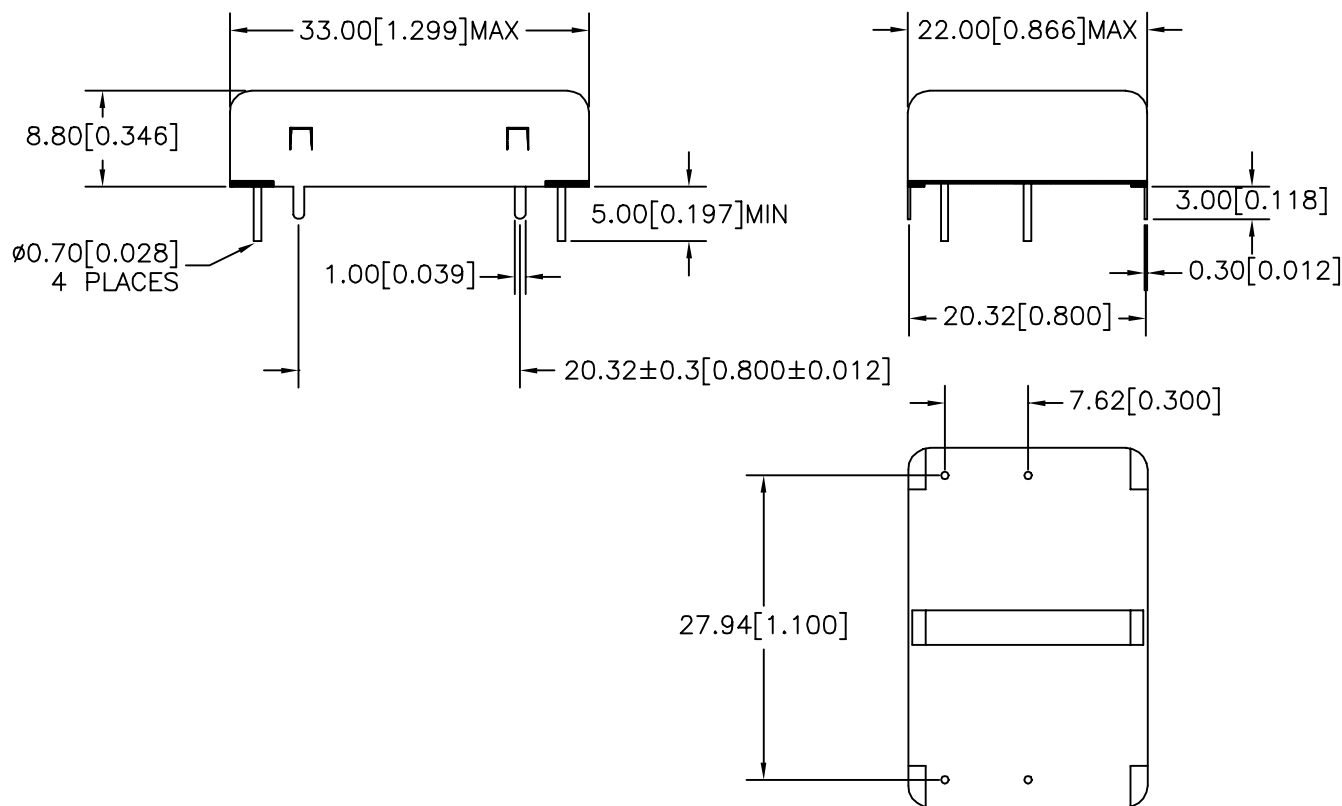
B. Marking; XGS-2412, TAMURA, date code and country of origin

C. Schematic;



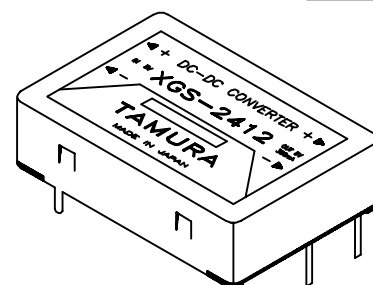
D. Mechanical specification

All dimensions nominal unless otherwise specified.



MODEL NUMBER

XGS-2412



PREPARED BY:

D. Rund

ENGINEER:

D. Suzuki

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DWG CONTROL NO.
P-A3-12453
ACAD\DC-DC\A3124531.DWGREV
—DC/DC CONVERTER
1.5W SINGLE OUTPUT**TAMURA CORPORATION OF AMERICA**43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482**XGS-2412**

MODEL SPECIFICATION

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

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