

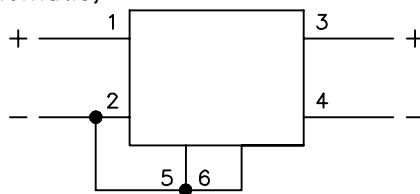
DC/DC CONVERTER 1.5W SINGLE OUTPUT TYPE

A. Electrical Specifications;

- | | |
|----------------------------|--|
| 1. Input Voltage | 18.5-32.0Vdc (Rating 24V) |
| 2. Output Voltage | 15.0±5% |
| 3. Output Current | 10-100mA |
| 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 |

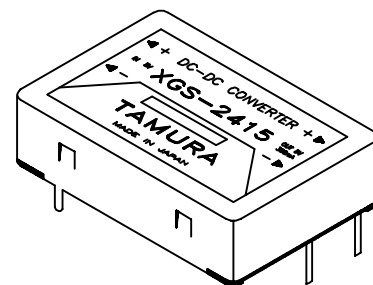
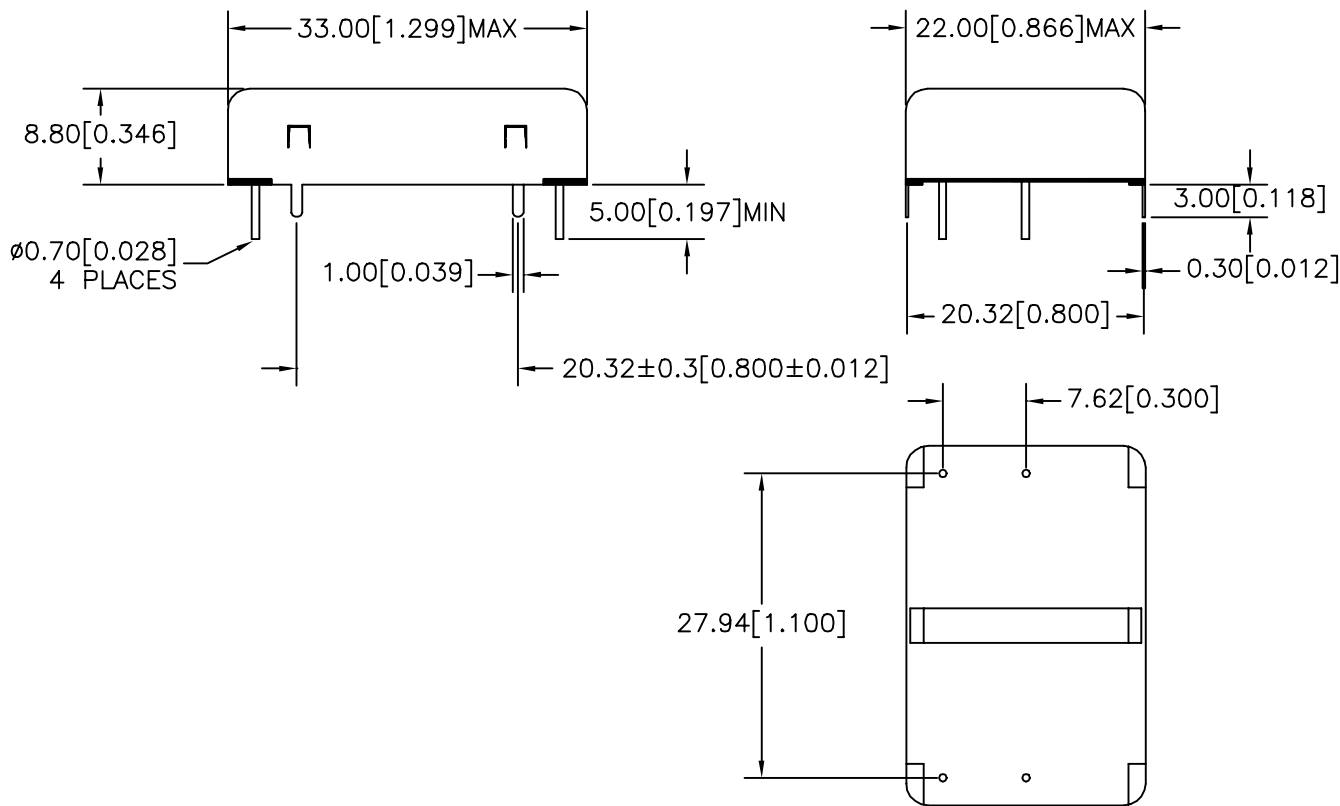
B. Marking; XGS-2415, TAMURA, date code and country of origin

C. Schematic;



D. Mechanical specification

All dimensions nominal unless otherwise specified.



MODEL NUMBER

XGS-2415

PREPARED BY:

D. Rund

ENGINEER:

D. Suzuki

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

 DWG CONTROL NO.
P-A3-12454
ACAD\DC-DC\A3124541.DWG

 REV
—

 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-2415

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.