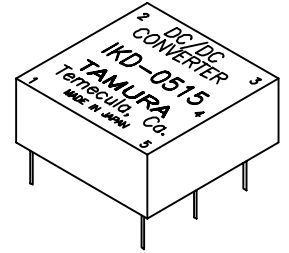


DC/DC CONVERTER 3.0W +5V : ±15V

A. Electrical Specifications

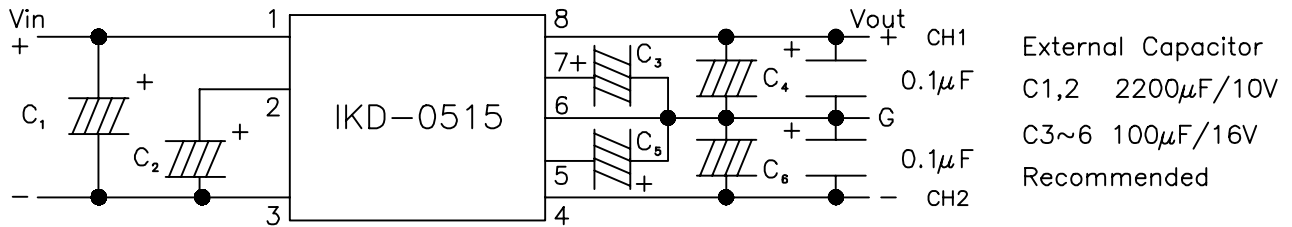
1. Input Voltage	4.5~5.5Vdc (Rating 5V)
	CH1 CH2
2. Output Voltage	+15V±0.15 -15V±0.15
3. Output Current	37.5-125mA 37.5-125mA
4. Output Ripple	40mVp-p typ. at 100μF for output cap. Recommend low ESR.
5. Line Regulation	±1% MAX.
6. Load Regulation	8% MAX.
7. Temperature coefficient	±0.03%/°C
8. Efficiency	55% MIN.
9. Output short protection	Built-in auto-reset protection
10. Operating temperature	-10°C+70°C
11. Storage temperature	-30°C+85°C
12. Operating humidity	95% RH max. without condensation
13. Dielectric strength	DC500V 1 min. Input-Output, Case
14. Insulation resistance	50MΩ min. at DC500V

MODEL NUMBER
IKD-0515



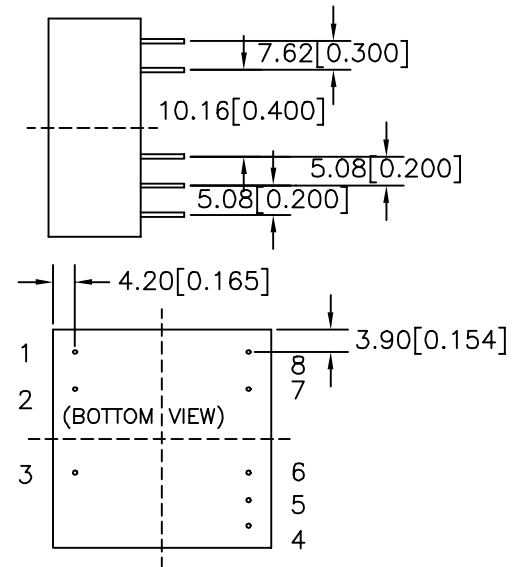
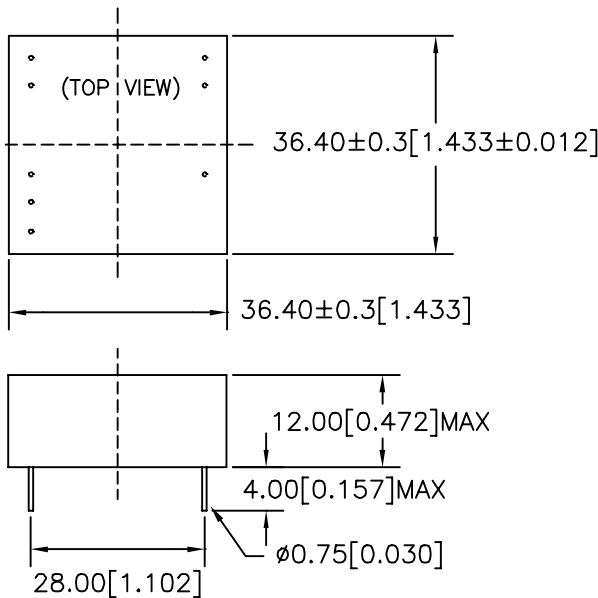
B. Marking; IKD-0515, TAMURA, Temecula Ca, date code and country of origin

C. Schematic



D. Mechanical specification

1. Outline dimensions	36.40[1.433] x 36.40[1.433] x 12.00[0.472]MAX.
2. Soldering pin diameter	∅0.75mm
3. Vibration	15G or max stroke 1.52mm whichever is smaller 10-200Hz
4. Shock	50G half-sine wave



PREPARED BY:

D. Rund

ENGINEER:

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DWG CONTROL NO. P-A3-12548
ACAD\DC-DC\A3125481.DWG

REV -

DC/DC CONVERTER
3W 5Vin ±15Vout

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482

IKD-0515

MODEL SPECIFICATION

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

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