



Features:

- 3000VDC I/O isolation
- Internal SMD technology
- · Built-in EMI filter
- Protection: Short circuit
- · Cooling by free air convection
- Non-conductive plastic case
- Single in line package
- 100% full load burn-in test
- Low cost / High reliability
- 2 years warranty

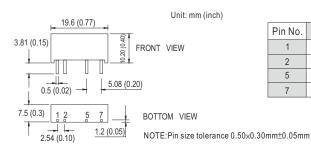
■ GTIN CODE

MW Search: https://www.meanwell.com/serviceGTIN.aspx

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| VOLTAGE RANGE | ax.) Note.2 Note.3 Note.4 | ±1.2% for 1% | 83% | 83% | 12V 25 ~ 250mA 85% | | | 15V | | | | | | |
|--|---|---|--|--|--|--|---|---|--|--|--|--|--|--|
| EFFICIENCY (Typ.) RATED POWER RIPPLE & NOISE (m LINE REGULATION LOAD REGULATION VOLTAGE ACCURA SWITCHING FREQU VOLTAGE RANGE | Note.3 Note.4 | 82% 3W 50mVp-p ±1.2% for 1% | 83% | 83% | - | 1 | | | 15V | | | | | |
| RATED POWER RIPPLE & NOISE (m LINE REGULATION LOAD REGULATION VOLTAGE ACCURA SWITCHING FREQU VOLTAGE RANGE | Note.3 Note.4 | 3W 50mVp-p ±1.2% for 1% | 83% | 83% | 85% | | 25 ~ 250mA | | | 20 ~ 200mA | | | | |
| RIPPLE & NOISE (m LINE REGULATION LOAD REGULATION VOLTAGE ACCURA SWITCHING FREQU VOLTAGE RANGE | Note.3 Note.4 | 50mVp-p ±1.2% for 1% | | | | 86% | 86% | 86% | 86% | 88% | | | | |
| LINE REGULATION LOAD REGULATION VOLTAGE ACCURA SWITCHING FREQU VOLTAGE RANGE | Note.3 Note.4 | ±1.2% for 1% | | | 3W | | | | | | | | | |
| LOAD REGULATION VOLTAGE ACCURA SWITCHING FREQU VOLTAGE RANGE | Note.4 | | 50mVp-p | | | | | | | | | | | |
| VOLTAGE ACCURAGE SWITCHING FREQUITAGE RANGE | CY | 10.00/ | ±1.2% for 1% input variation | | | | | | | | | | | |
| SWITCHING FREQU VOLTAGE RANGE | | ±8.0% | | | | | | | | | | | | |
| VOLTAGE RANGE | =1101/ | ±2.0% | | | | | | | | | | | | |
| | SWITCHING FREQUENCY | | 60KHz min. | | | | | | | | | | | |
| | VOLTAGE RANGE | | 10.8 ~ 13.2V | 21.6 ~ 26.4V | 4.5 ~ 5.5V | 10.8 ~ 13.2V | 21.6 ~ 26.4V | 4.5 ~ 5.5V | 10.8 ~ 13.2V | 21.6 ~ 26.4V | | | | |
| NORMAL VOLTAGE | | 5V | 12V | 24V | 5V | 12V | 24V | 5V | 12V | 24V | | | | |
| NPUT INPUT CURRENT | Full load | 740mA | 305mA | 155mA | 715mA | 300mA | 150mA | 705mA | 300mA | 145mA | | | | |
| | No load | 60mA | 25mA | 15mA | 65mA | 25mA | 15mA | 65mA | 30mA | 15mA | | | | |
| FILTER | | Capacitor type | | | | | | | | | | | | |
| PROTECTION | | Fuse recommended | | | | | | | | | | | | |
| PROTECTION SHORT CIRCUIT | | Momentary | | | | | | | | | | | | |
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| WORKING TEMP. | | | | | | | | | | | | | | |
| WORKING HUMIDITY | | | | | | | | | | | | | | |
| MENT STORAGE TEMP., HUMIDITY | | -7 | | | | | | | | | | | | |
| TEMP. COEFFICIENT | | | | | | | | | | | | | | |
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| F (V V S T V I I I E E M C | PROTECTION DVERLOAD SHORT CIRCUIT WORKING TEMP. WORKING HUMIDIT STORAGE TEMP., HI TEMP. COEFFICIEN VIBRATION SAFETY STANDARD WITHSTAND VOLTA SOLATION RESISTA SOLATION CAPACI EMC EMISSION EMC IMMUNITY WITHSTAND | FILTER PROTECTION OVERLOAD SHORT CIRCUIT WORKING TEMP. WORKING HUMIDITY STORAGE TEMP., HUMIDITY ITEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE ISOLATION CAPACITANCE EMC EMISSION EMC IMMUNITY WITHSTAND WITHSTANDE SOLATION CAPACITANCE EMC EMISSION EMC IMMUNITY | FILTER PROTECTION Fuse recomm Momentary Protection typ SHORT CIRCUIT WORKING TEMP. WORKING HUMIDITY STORAGE TEMP., HUMIDITY VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE SOLATION CAPACITANCE SOLATION | FILTER PROTECTION Fuse recommended Momentary Protection type: Broken Momentary Protection type: Broken Morking temp. Working humidity STORAGE TEMP., HUMIDITY FIEMP. COEFFICIENT WIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE SOLATION RESISTANCE SOLATION CAPACITANCE SOLATION CAPACITANCE SOLATION COPPLIA SOLATION | FILTER PROTECTION Fuse recommended Momentary Protection type: Broken Morking temp. Working humidity Fisher to "Derating Curve") Working humidity Fisher to "Derating Curve") Working humidity Fisher to "Derating Curve") Fisher to "Derating Curve" | FILTER Capacitor type Fuse recommended Momentary Protection type: Broken Momentary Protection type: Broken Morking temp. Working humidity Storage temp., Humidity Fuse recommended Momentary Protection type: Broken Working temp. Working humidity 20% ~ 90% RH non-condensing Storage temp., Humidity 40 ~ +105°C, 10 ~ 95% RH Temp. Coefficient ±0.03% / ° (0 ~ 50°C) Wibration 10 ~ 500Hz, 2G 10min./1 cycle, period for 60min. e. SAFETY STANDARDS EAC TP TC 020/2011 approved WITHSTAND VOLTAGE I/P-O/P: 3KVDC SOLATION RESISTANCE I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH SOLATION CAPACITANCE SOLATION CAPACITANCE BOPF max. EMC EMISSION Compliance to BS EN/EN55032 Class B, FCC part 15 Cl EMC IMMUNITY Compliance to BS EN/EN61000-4-2,3,4,5,6,8, light indu MTBF 700khrs min. MIL-HDBK-217F(25°C) DIMENSION 19.6*7.5*10.2mm or 0.77"*0.30"*0.40" inch (L*W*H) | FILTER PROTECTION Fuse recommended Momentary Protection type : Broken SHORT CIRCUIT Momentary Protection type : Broken WORKING TEMP. WORKING HUMIDITY 20% ~ 90% RH non-condensing STORAGE TEMP., HUMIDITY -40 ~ +105°C, 10 ~ 95% RH TEMP. COEFFICIENT #0.03% / ° C (0 ~ 50°C) WIBRATION 10 ~ 500Hz, 2G 10min./1 cycle, period for 60min. each along X, SAFETY STANDARDS EAC TP TC 020/2011 approved WITHSTAND VOLTAGE I/P-O/P:3KVDC SOLATION RESISTANCE SOLATION CAPACITANCE 80pF max. EMC EMISSION Compliance to BS EN/EN55032 Class B, FCC part 15 Class B, EAC TF EMC IMMUNITY Compliance to BS EN/EN61000-4-2,3,4,5,6,8, light industry level, crit WITHSF 700khrs min. MIL-HDBK-217F(25°C) DIMENSION 19.6*7.5*10.2mm or 0.77"*0.30"*0.40" inch (L*W*H) | FILTER Capacitor type Fuse recommended Momentary Protection type : Broken SHORT CIRCUIT Momentary Protection type : Broken WORKING TEMP. WORKING HUMIDITY 20% ~ 90% RH non-condensing STORAGE TEMP., HUMIDITY -40 ~ +105°C, 10 ~ 95% RH TEMP. COEFFICIENT #0.03% / ° C (0 ~ 50°C) WIBRATION 10 ~ 500Hz, 2G 10min./1 cycle, period for 60min. each along X, Y, Z axes SAFETY STANDARDS EAC TP TC 020/2011 approved WITHSTAND VOLTAGE 1/P-O/P:3KVDC SOLATION RESISTANCE SOLATION CAPACITANCE 80pF max. EMC EMISSION Compliance to BS EN/EN55032 Class B, FCC part 15 Class B, EAC TP TC 020 EMC IMMUNITY Compliance to BS EN/EN61000-4-2,3,4,5,6,8, light industry level, criteria A, EAC TI 700khrs min. 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MIL-HDBK-217F(25°C) DIMENSION 19.6*7.5*10.2mm or 0.77"*0.30"*0.40" inch (L*W*H) | FILTER Capacitor type PROTECTION Fuse recommended DVERLOAD Momentary Protection type : Broken Momentary Protection type : Broken MORKING TEMP. WORKING HUMIDITY BY STORAGE TEMP., HUMIDITY FILTEN TO 200/2011 approved WIBRATION BY SAFETY STANDARDS BAFETY STANDARDS BAC TP TC 020/2011 approved WITHSTAND VOLTAGE SOLATION RESISTANCE SOLATION CAPACITANCE BOP max. EMC EMISSION Compliance to BS EN/EN55032 Class B, FCC part 15 Class B, EAC TP TC 020 EMC IMMUNITY Compliance to BS EN/EN61000-4-2,3,4,5,6,8, light industry level, criteria A, EAC TP TC 020 MTBF 700khrs min. MIL-HDBK-217F(25°C) DIMENSION 19.6*7.5*10.2mm or 0.77**0.30**0.40** inch (L*W*H) | | | | |

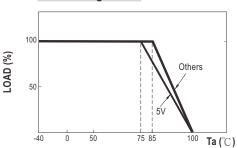
■ Mechanical Specification



■ Pin Configuration

| Pin No. | Output | | | |
|---------|--------|--|--|--|
| 1 | +Vin | | | |
| 2 | -Vin | | | |
| 5 | -Vout | | | |
| 7 | +Vout | | | |

■ Derating Curve



NOTE

- 1.All parameters are specified at normal input, rated load, 25℃ 70% RH ambient.
- 2. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1 uf & 47 uf capacitor.
- 3.Line regulation is measured from low line to high line at rated load.
- 4.Load regulation is measured from 20% to 100% rated load.
- X Product Liability Disclaimer: For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx