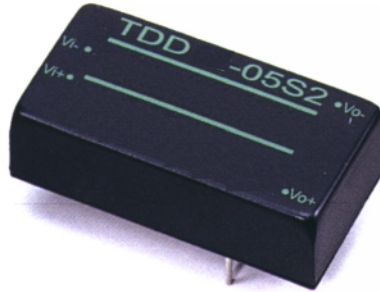


5 W
DC/DC
TDD
MODUL

TDD 05 DC Power Package

5 Watt Ultra-Wide-Input 2" x 1" - Serie



HN-MODUL

Besondere Merkmale Features

| | |
|-----------------------------|--------------------------|
| Weiter Eingang 4:1 | Wide input range 4:1 |
| Geringe Bauhöhe | Low profile |
| Isolationspg. min. 1500V DC | Isolation min. 1500V DC |
| Hoher Wirkungsgrad | High efficiency |
| Kurzschlußfest | Short circuit protection |
| Eingang-PI-Filter | Input-PI-Filter |

Anwendung Application

| | |
|-----------------------|------------------------|
| Telekommunikation | Telecommunication |
| Rechnersysteme | Computer applications |
| MSR | Control equipments |
| Mikroprozessorsysteme | Microprocessor systems |

Technische Daten Specification

(bei 25°C Umgebungstemperatur) (at 25°C ambient temperature)

Eingangsdaten Input Specifications

| | | |
|----------------------------|-----------------|----------------------|
| Eingangsspannung | Input voltages | 10...36, 18...72 VDC |
| Eingangsfiler (integriert) | Build in filter | PI-Type |

Ausgangsdaten Output Specifications

| | | |
|-----------------|---------------------|-----------------------------|
| Leistung | Power | 5/6 Watt |
| Wirkungsgrad | Efficiency | typ. 76% |
| Schaltfrequenz | Switching frequency | typ. 200 kHz |
| Regelabweichung | Voltage accuracy | typ. $\pm 2\%$ |
| Last | Load | $\pm 2\%$ (Dual $\pm 5\%$) |
| Eingang | Line | $\pm 1\%$ |
| Restwelligkeit | Ripple and noise | 100mV typ. |

Allgemeine Daten General Specifications

| | | |
|-----------------------|--------------------------|-----------------------------------|
| Betriebstemperatur | Operating temp. | -25°C...+71°C, no derating |
| Lagertemperatur | Storage temperature | -40°C...+100°C |
| Temperaturkoeffizient | Temp. coefficient | 0.02% / K |
| Kurzschlußfest | Short circuit protection | Current limited |
| Gehäusematerial | Case material | Copper with nonconductive plastic |
| Kühlung | Cooling | Free air convection |

TDD 05 DC Power Package

5 Watt Ultra-Wide-Input 2" x 1" Compact-Serie

**5 W
DC/DC
TDD
MODUL**

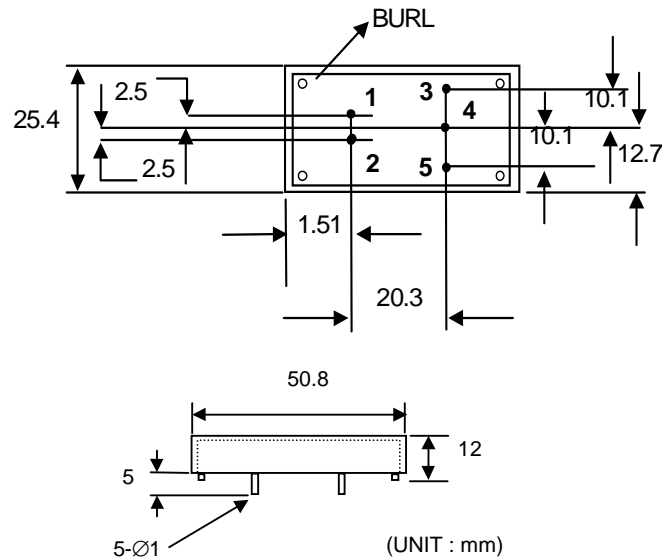
Bestell-Information / Order Information

| Modell | Eingang Input VDC | Ausgang1 Output 1 V/mA | Ausgang 2 Output 2 V/mA | Gehäuse Case |
|------------|-------------------------|------------------------------|-------------------------------|-----------------|
| TDD052403S | 10-36 | 3,3/1500 | | 2" x 1" |
| TDD052405S | 10-36 | 05/1000 | | 2" x 1" |
| TDD052412S | 10-36 | 12/500 | | 2" x 1" |
| TDD052415S | 10-36 | 15/400 | | 2" x 1" |
| TDD054803S | 18-72 | 3,3/1500 | | 2" x 1" |
| TDD054805S | 18-72 | 05/1000 | | 2" x 1" |
| TDD054812S | 18-72 | 12/500 | | 2" x 1" |
| TDD054815S | 18-72 | 15/400 | | 2" x 1" |
| TDD052405D | 10-36 | + 5/500 | - 5/500 | 2" x 1" |
| TDD052412D | 10-36 | +12/250 | -12/250 | 2" x 1" |
| TDD052415D | 10-36 | +15/200 | -15/200 | 2" x 1" |
| TDD054805D | 18-72 | + 5/500 | - 5/500 | 2" x 1" |
| TDD054812D | 18-72 | +12/250 | -12/250 | 2" x 1" |
| TDD054815D | 18-72 | +15/200 | -12/200 | 2" x 1" |

Andere Typen und Spannungen auf Anfrage • Other models and configurations on request.

MEMO:

PIN-Belegung und Zeichnung / Pin Assignments & Drawing, mm (inch)



| Pin No. | Pin Connection | |
|---------|------------------|------------------|
| | Single Output | Dual Output |
| 1 | + Input (+Vin) | + Input (+Vin) |
| 2 | - Input (-Vin) | - Input (-Vin) |
| 3 | +Output (+Vout) | +Output (+Vout) |
| 4 | No Pin | Common Ground |
| 5 | - Output (-Vout) | - Output (-Vout) |