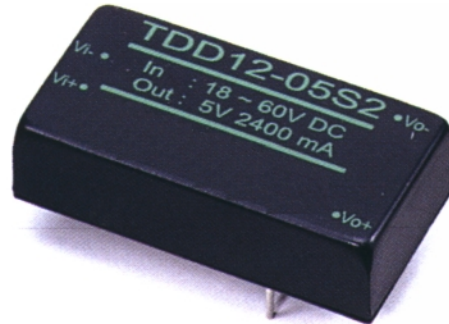


12 W
DC/DC
TDD
MODUL

TDD 12 DC Power Package

12 Watt Wide-Input 2" x 1" - Serie



HN-MODUL

Besondere Merkmale Features

Weiter Eingang 2:1/3:1	Wide input range 2:1/3:1
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	18...60, 35...75 VDC
Eingangsfiler (integriert)	Build in filter	PI-Type

Ausgangsdaten Output Specifications

Leistung	Power	10/12 Watt
Wirkungsgrad	Efficiency	typ. 80%
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	150mV 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 foldback
Gehäusematerial	Case material	Copper with black coated
Kühlung	Cooling	Free air convection

TDD 12 DC Power Package

12 Watt Wide-Input 2" x 1" Compact-Serie

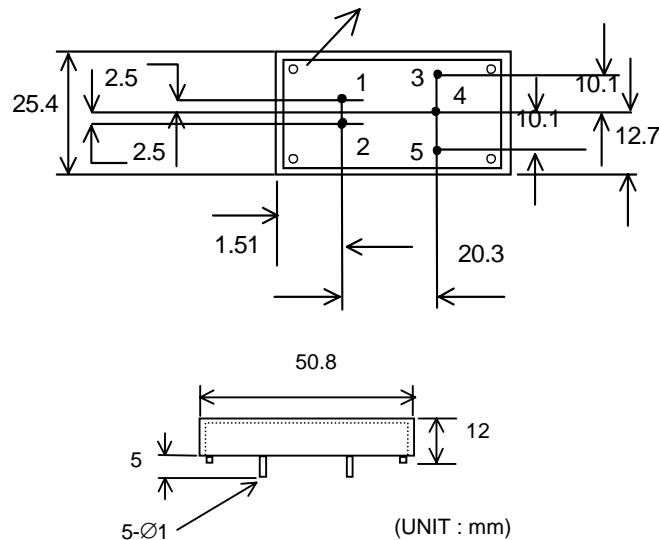
**12 W
DC/DC
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MODUL**

Bestell-Information / Order Information

Modell	Eingang Input VDC	Ausgang1 Output 1 V/mA	Ausgang 2 Output 2 V/mA	Gehäuse Case
TDD122403S	18-60	3,3/3000		2" x 1"
TDD122405S	18-60	05/2400		2" x 1"
TDD122412S	18-60	12/1000		2" x 1"
TDD122415S	18-60	15/800		2" x 1"
TDD124803S	35-75	3,3/3000		2" x 1"
TDD124805S	35-75	05/2400		2" x 1"
TDD124812S	35-75	12/1000		2" x 1"
TDD124815S	35-75	15/800		2" x 1"
TDD122412D	18-60	+12/500	-12/500	2" x 1"
TDD122415D	18-60	+15/400	-15/400	2" x 1"
TDD124812D	35-75	+12/500	-12/500	2" x 1"
TDD124815D	35-75	+15/400	-12/400	2" x 1"

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

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



Pin No.	Pin Function	
	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)

MEMO :