



Besondere Merkmale	Features
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24-Pin DIL Gehäuse	24-pin DIL package
Hoher Wirkungsgrad	High efficiency
PI-Filter	PI filter
Metalgehäuse	Metal case

Anwendung	Application
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Telekommunikation	Telecommunication
Rechnersysteme	Computer applications
MSR	Control equipments
Mikroprozessorsysteme	Microprocessor systems

Technische Daten	Specification
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(bei 25°C Umgebungstemperatur) (at 25°C ambient temperature)

Eingangsdaten	Input Specifications
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Eingangsspannung	Input voltages	5V / 12 / 24 / 48 VDC, ±10%
Eingangsfiler	Input filter	PI-Version

Ausgangsdaten	Output Specifications
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Leistung	Power	3 Watt
Wirkungsgrad	Efficiency	typ. 65%
Last	Load	±0.5% (±1% Dual)
Eingang	Line	±0.3% (±1% Dual)
Restwelligkeit	Ripple and noise	50mV max.

Allgemeine Daten	General Specifications
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Betriebstemperatur	Operating temp.	-20°C...+71°C
Lagertemperatur	Storage temperature	-25°C...+125°C
Temperaturkoeffizient	Temp. coefficient	typ. 0,03% / K
Isolationsspannung	Isolation voltage	500 VDC min. (3 kVDC auf Anfrage)
MTBF	MTBF	>200,000h

SIM 5 DC Power Package

3 Watt Small-Input-Ranging Compact-Serie

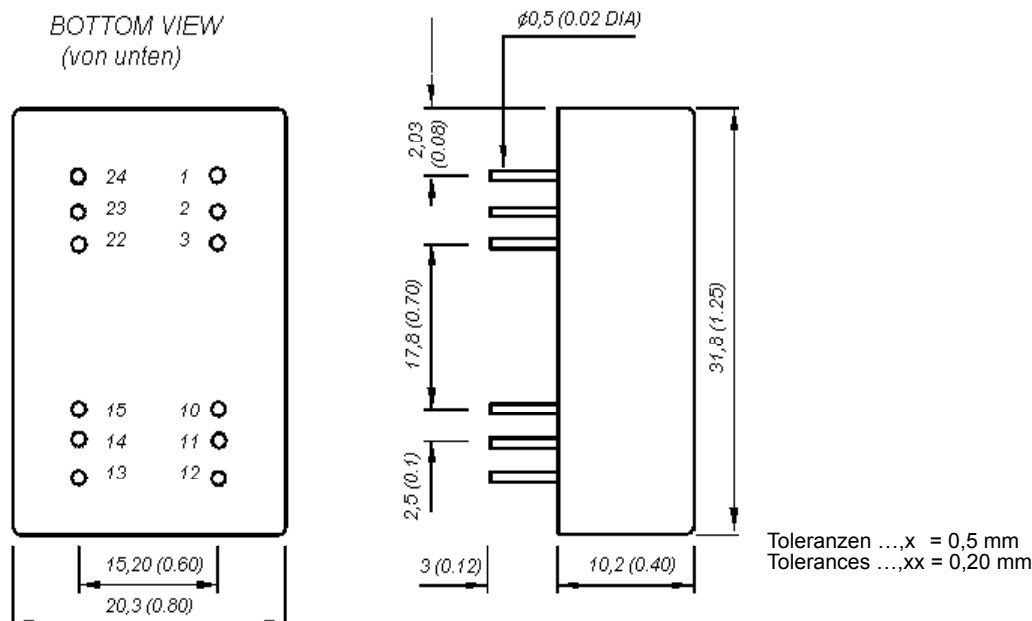
3 W
DC/DC SIM
MODUL

Bestell-Information / Order Information

Modell	Eingang Input VDC	Ausgang1 Output 1 V/mA	Ausgang 2 Output2 V/mA
SIM5-0505S	5	5/600	
SIM5-0512S	5	12/250	
SIM5-0515S	5	15/200	
SIM5-0512D	5	+12/125	-12/125
SIM5-0515D	5	+15/100	-15/100
SIM5-1205S	12	5/600	
SIM5-1212S	12	12/250	
SIM5-1215S	12	15/200	
SIM5-1212D	12	+12/125	-12/125
SIM5-1215D	12	+15/100	-15/100
SIM5-2405S	24	5/600	
SIM5-2412S	24	12/250	
SIM5-2415S	24	15/200	
SIM5-2412D	24	+12/125	-12/125
SIM5-2415D	24	+15/100	-15/100
SIM5-4805S	48	5/600	
SIM5-4812S	48	12/250	
SIM5-4815S	48	15/200	
SIM5-4812D	48	+12/125	-12/125
SIM5-4815D	48	+15/100	-15/100

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

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



Pin Connection		
Pin	Single Output	Dual Output
1	+V Input	+V Input
2	No Pin	-V Output
3	No Pin	Common
10	-V Output	Common
11	+V Output	+V Output
12	-V Input	-V Input
13	-V Input	-V Input
14	+V Output	+V Output
15	-V Output	Common
22	No Pin	Common
23	No Pin	-V Output
24	+V Input	+V Input