

Single & double outputs
Input to output isolated

- Input voltage tolerance +10%/-7%
- Efficient Pi-input filter
- Linear regulated output voltages
- Extremely low output voltage noise
- Optimal dynamic response
- Continuous no-load and short-circuit proof
- Extended ambient temperature range -40...+85°C
- Made in Switzerland, accordingly ISO 9001:2000
- 2 years warranty



Electromagnetic emission EN 55022 < B
Conducted and radiated emissions

	5 ICR	12 ICR	15 ICR	24 ICR	28 ICR	48 ICR	
No load input current	150	65	45	40	35	30	mA max.
Switching frequency	30 kHz typ.						
Output voltage accuracy	± 0.5%						
Static line regulation	± 0.05% typ.						
Static load regulation FL to NL	0...0.1% typ.						
Dynamic load regulation	± 50 mV max. ¹						
Load transient recovery time	20 µs typ. ¹						
Output voltages noise (20 MHz BW)	35 mVpp max., 1 mVrms max.						
Efficiency	68% to 76% typ.						
I/O Electric strength test voltage	700 VDC						
Coupling capacitance	70 pF typ.						
Ambient temperature range	-T: -25...+71°C; -S: -40...+85°C ²						
Case temperature range	-T: -25...+95°C; -S: -40...+105°C						
Storage temperature range	-T: -55...+105°C; -S: -55...+105°C						
Case material	Metal with plastic bottom cover, UL94 V-0 rated						
MTBF, GB @ 40°C case (MIL-HDBK-217F, Notice 2)	> 1.850.000 hours						

¹ For 100% load variation with a rise/fall time of ≥ 50 µs
² ICR6: Power derating from 6W to 5W for 71°C to 85°C

Standard Types ³	Input voltage VDC	Output	
		VDC	mA
Single output xx ICR5-05-TC ⁴ xx ICR6-12-TC ⁴ xx ICR6-15-TC ⁴	4.65...5.50 (nominal 5)	5	1000
	11.16...13.20 (nominal 12)	12	500
	13.95...16.50 (nominal 15)	15	400
Double output xx ICR 6-1212-TC ⁴ xx ICR 6-1515-TC ⁴	22.32...26.40 (nominal 24)	± 12	± 250
	26.04...30.80 (nominal 28)	± 15	± 200
	44.64...52.80 (nominal 48)		

³ To complete type number replace "xx" by the required nominal input voltage, e.g. 5 ICR6-1212-TC.

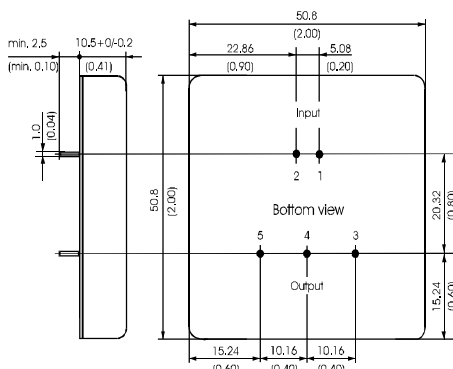
⁴ To specify pin configuration B replace C by B, e.g. 5 ICR6-1212-TB.

Extended temperature range -S is available for all types. Replace -T by -S on type number, e.g. 5 ICR6-1212-SC.

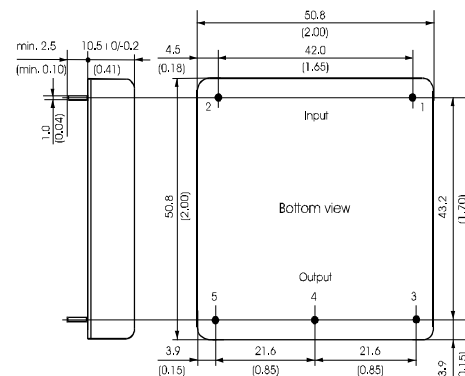
Modifications and customs are available upon request.

Dimensions in mm (inches)

Pin Configuration: C



Pin Configuration: B



Specifications subject to change without notice