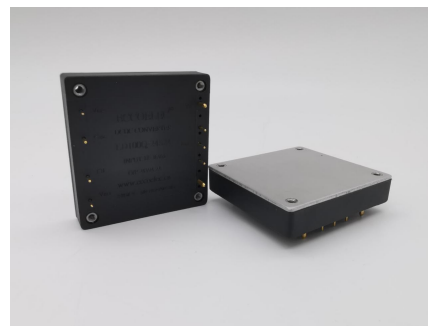


FEATURES:

- Wide input range
- Continuous short-circuit protection, self recover
- I/O isolation voltage 1.5KV
- Working temperature: $-40^{\circ}\text{C} \sim +100^{\circ}\text{C}$
- No additional components required
- Stable performance and high reliability (MTBF $\geq 1000\text{K}$ hours)
- Industry standard pin-out
- Industry standard 1/2 brick package



Selection Guide

Part No.	INPUT		OUTPUT				CapacitiveLoad(μF)
	Normalal (Vdc)	Range (Vdc)	Voltage (V1dc)	current (A)	Voltage (V2dc)	current (A)	
LD350Q-18S12N	18	9-36	12	29.2			
LD350Q-18S15N			15	23.3			
LD350Q-18S24N			24	14.6			
LD350Q-18S28N			28	12.5			
LD350Q-18S48N			48	7.3			

customized accepted, pls contact sales for details

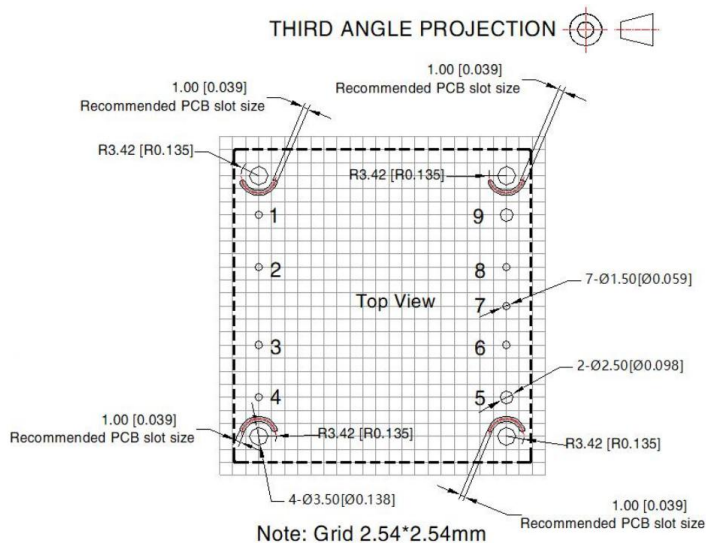
Input Specifications

Input Voltage Range		Input Voltage Range (Vdc)	Nom(Vdc)	Max (Vdc)
		9-36	18	36
Input Filter		Capacitive Filter		
Ctrl		NONE		
		NONE		
Hot Plug		Unavailable		
ON/OFF	ON	ON/OFF connect -Vin or pulled low(0-1.2VDC)		
	OFF	ON/OFF open or pulled high TTL (3.3-12VDC)		
		Input current when off:20mA(typ),50mA(max)		

Output Specifications

Item	Min	Typ	Max	Test Conditions
Voltage Accuracy	-	$\pm 1\%$	$\pm 3\%$	
Line Regulation	-	$\pm 0.2\%$	$\pm 0.5\%$	
Load Regulation	-	$\pm 0.5\%$	$\pm 1\%$	
TRIM Range	60%	-	110%	
Temperature Regulation		$\pm 0.02\%/^{\circ}\text{C}$		
Over Current Protect	110%Io	-	190%Io	
Over Voltage Protect	-	-	-	Hiccup
Over Temperature Protect	-	-	125%	
Short Circuit Protect	Continuous, self-recovery			

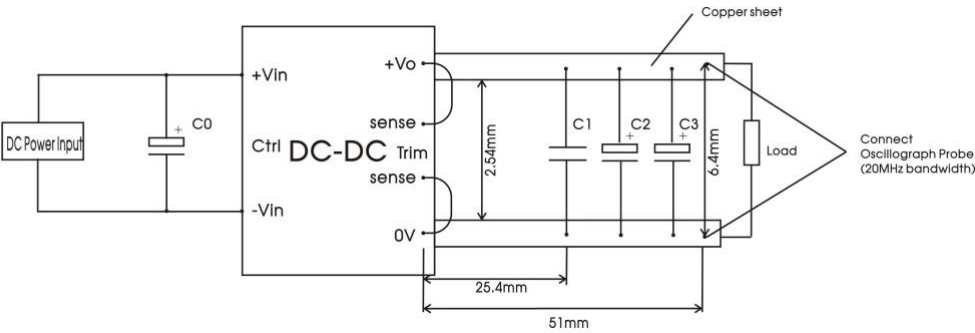
**Unless specified, otherwise all other parameters are tested under the following conditions: nominal input voltage, pure resistive load, 25°C room temperature environment.



Pins			
Pin-Out	Mark		
1	+Vin	6	Sense-

2	CTRL	7	TRIM
3	NC	8	Sense+
4	-Vin	9	+Vo
5	0V		

Recommended Circuit



Capacitor values Output voltage (VDC)	C0	C1	C2	C3
12	100μF/ 200V	1μF/25V	10μF/25V	330μF/25V
24		1μF/50V	10μF/50V	330μF/50V
28		1μF/50V	10μF/50V	330μF/50V
32		1μF/50V	10μF/50V	330μF/50V

The final interpretation right of the product belongs to ECCO ELECTRONICS