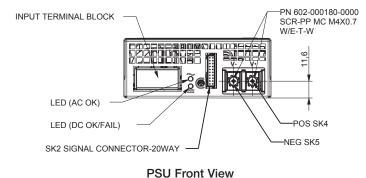
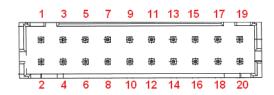
Pin Assignment									
Signals	Name Description	Pin Number(s)							
+Vout	Power rail	SK4							
GND	Power GND	SK5							
Signals	Name Description	SK2 Pin Number							
A2	EEPROM Address	1							
-VPROG	Return connection of external supply for Margin Programming	2							
A1	EEPROM Address	3							
-Vsense	Remote Sense Return	4							
ISHARE	Load share voltage	5							
A0	EEPROM Address	6							
SDA1	Serial Data Signal (I <sup>2</sup> C)	7							
+VPROG	Positive connection of external supply for Margin Programming	8							
SCL1	Serial Clock Signal (I <sup>2</sup> C)	9							
+Vsense	Remote Sense Positive	10							
5VSB	5 V standby	11							
GND	5 V standby Return	12							
5VSB	5 V standby	13							
G_DCOK_C	Global DCOK Collector	14							
GPIOA6	EEPROM Write Protect	15							
G_DCOK_E	Global DCOK Emitter (GND)	16							
GND	Return Ground for output signal and I2C communication	17							
G_ACOK_C	Global ACOK Collector	18							
INH_EN	Turn Off Main Output	19							
G_ACOK_E	Global ACOK Emitter (GND)	20							

1 11

Note: Mating connector for SK2 is:

LANDWIN: PN 2050S2000 Housing and PN 2053T021V Contact CIVILUX: PN CI0120SD000 Housing and PN CI01TD21PE0 Contact





Signal Output Signal Connectors (SK2)
SK2 Mating Connector: JST Part Number PHDR-20VS;
Contact Pins: JST Part Number SPHD-001T-P0.5

## **LED INDICATORS**

2 provided are clearly visible up to a 45 degree offset from vertical with office environment ambient lighting. The status is reflected in the indicator color.

The DC\_OK LED LED shall light green if the DC output is within specification, and should be off if the output falls out of specification.

**The AC\_OK LED** LED is green if the AC is within specification and off when out of specification. Note: With 5 V standby, Green also indicates that PSU is in standby mode/output off.

## **CONTROL SIGNALS**

AC\_OK Open collector 0.5 V maximum at 10 mA. Both emitter and collector access provided.

**DC\_OK** Open collector 0.5 V maximum at 10 mA. Both emitter and collector access provided.

PS\_INHIBIT/ENABLE Signal 0.0 - 0.5 V contact closure, output OFF (output ON for LCM300U-T-4-401)

Ordering Information Table 2											
LCMXXXXY		-	А	-	В	-	С	-	###		
Case Size			Input Termination		Acoustic Noise		Option Codes		Hardware Code		
1-Phase input where XXXX =											
300 = 1.61" x 4.0" x 7.0", 300 W					Blank = Standard		Blank = No Options		Factory Assigned for Modified standards		
			T = Terminal Block				1 = Conformal Coat				
Voltage Code Y =							4 = 5 V Standby				
Code							5 = Opt 1 + 4				
L	12										
N	15										
Q	24										
U	36										
W	48										

tp tp tp

## **Mechanical Drawings**

Weight: 1.76 lbs (0.8 Kg)

MOUNTING LOCATIONS SCREW PENETRATION DEPTH IS 3.0 mm MAX.

RECOMMENDED SCREW TORQUE:

 $M3.5 \times 0.6P = 6 - 8kgf-cm$  $M4.0 \times 0.7P = 8 - 10kgf-cm$ 

