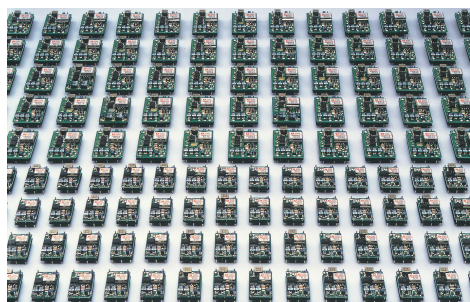




## OBRSC2448I

## 6W DC/DC Power Supply



### FEATURES

- Wide input 4:1
- Low noise
- Tight regulation  $\pm 0.5\%$  MAX
- High Isolation Voltage

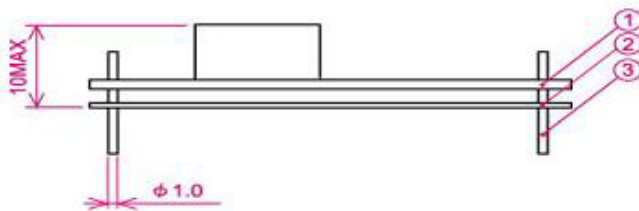
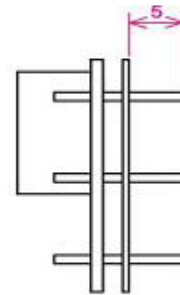
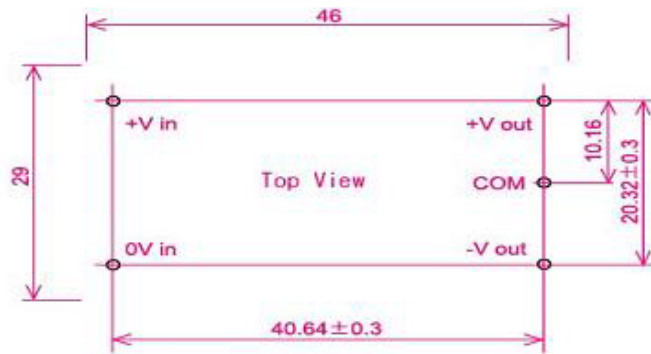


MODEL/CHANNEL		Unit	OBR15SC2448I
<b>OUTPUT</b>	Output Voltage	Vdc	15
	Output VDC Accuracy	%	2% @ 14.7~15.3 VDC @ Vin=18~72Vdc
	Line Regulation max.	mV	$\pm 0.5\%$ MAX @ LL TO HL, Full Load
	Load Regulation max.	mV	$\pm 0.5\%$ MAX @ 25% FL TO 100% FL
	Current	mA	400
	Drift	mV	6
	Ripple and Noise(max.)	mVp	100mVp-p MAX
	Temperature Coefficient	-	0.03%/°C MAX
Start Up Time	mS	10 MAX	
MODEL/CHANNEL		Unit	
<b>INPUT</b>	Input Voltage	Vac	48VDC
	Current	mA	15mA Typ @ no load
	Start Up	mA	10 MAX
	Efficiency (typical)	%	83 TYP @ Vin=48Vdc
	Input Voltage Range	Vdc	18~72 Vdc
<b>Environment</b>	Operating Temperature	°C	-20°C ~ +71°C
	Storage Temperature	°C	-20°C ~ +85°C
	Storage Humidity	%	90%
	Withstanding Voltage	-	1000Vdc for 1 minute
	Resistance	-	Min. 100 M $\Omega$ @ 500 Vdc
	Cooling	-	Convection
	Vibration	-	Mil-STD 202G
<b>Function</b>	Short Circuit Convection	-	Continuous/ Auto-recovery
<b>Dimension</b>	Size(WxHxD) / Weight	mm/g	30 W X 46 L X 10.4 H





## Dimension Diagram (mm)



- ① Double-sided PCB FR4t=1.0
  - ② t=0.5 Insulator V0
  - ③ 1.0DIA PIN Material:BsB 2700 1/2H  
Copper Plating 1~3 $\mu$ m  
Solder Plating 3~6 $\mu$ m
- \* Tolerance  $\pm 0.5$

