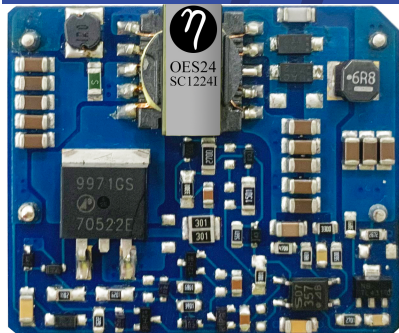




OES-SC/WC

10W Open Frame



FEATURES

- Compatibility type of PIN in the power supply unit market
- Realized wide range input (Ultra wide input)
- Over current protection
- **Isolated Power Supply**



MODEL/CHANNEL		Unit	OES3.3SC	OES05SC	OES12SC	OES15SC	OES24SC	OES22WC	OES23WC	
OUTPUT	Output Voltage	Vdc	3.3	5	12	15	24	±12	±15	
	Output Current	A	2	2	0.9	0.7	0.45	0.45	0.35	
	Line Regulation max.	mV	16.5	25	60	75	120	60	75	
	Load Regulation max.	mV	16.5	25	60	75	120	60	75	
	Dynamic Line	mV	N/A	200	360	450	750	360	450	
	Dynamic Load	mV	N/A	200	360	450	750	360	450	
	Drift	mV	N/A	45	75	90	135	75	90	
	Ripple and Noise(max.) *3	mV	±5% of stated output							
	Voltage Adjustment Range	mS	100							
	Rise Time	mS	500							
Recovery Time	mS	1(typ.)								
Protection	Overcurrent protection	-	Current limiting with automatic recovery							
	Input Fuse	-	Installed							
Environment	Operating Temperature	°C	-20°C to +71°C							
	Operating Humidity	%	20~90[%RH] (non-condensing)							
	Storage Humidity	%	20~90[%RH] (non-condensing)							
	Withstanding Voltage	V	Primary-Secondary AC 500V for 1 minute							
	Derating Curve	-	3.5% at 50°C to 71°C							
	Storage Temperature	-	-20 to +85°C							
	Shock	-	30G							
	Cooling	-	Convection							
	Temperature Coefficient	-	0.03%/°C							
	Vibration	Hz	5-10Hz: 10mm double amplitude, 10-55Hz: 2G, 20minutes period for 60minutes each along X,Y,Z axes(non-operating)							
Isolation Resistance	-	Primary-Secondary 50MW(minimum) by DC500V insulation tester								
Dimension	Size(WxHxD) / Weight	mm/g	39 x 46 x 8.5 /14g							





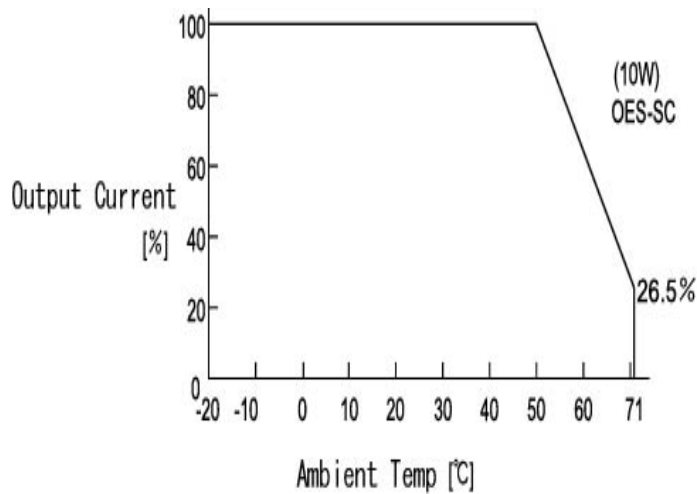
Dimension Diagram (mm)

10W Open Frame

	MODEL/CHANNEL	Unit	OES3.3 SC05	OES05 SC05	OES12 SC05	OES15 SC05	OES24 SC05	OES22 WC05	OES23 WC05
INPUT	Input Voltage	Vac	DC 5V						
	Input Voltage Range	Vdc	4.5~9VDC						
	Efficiency (typical) *2	%	80~84%						
	MODEL/CHANNEL	Unit	OES3.3 SC1224	OES05 SC1224	OES12 SC1224	OES15 SC1224	OES24 SC1224	OES22 WC1224	OES23 WC1224
INPUT	Input Voltage	Vac	DC 12/24V						
	Input Voltage Range	Vdc	8~32VDC						
	Efficiency (typical) *2	%	78~82%						
	MODEL/CHANNEL	Unit	OES3.3 SC2448	OES05 SC2448	OES12 SC2448	OES15 SC2448	OES24 SC2448	OES22 WC2448	OES23 WC2448
INPUT	Input Voltage	Vac	DC 24/48V						
	Input Voltage Range	Vdc	18~72VDC						
	Efficiency (typical) *2	%	81~86%						

Derating Curve

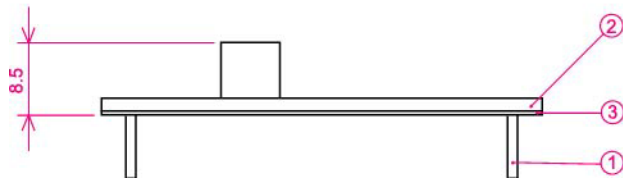
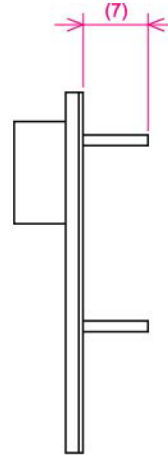
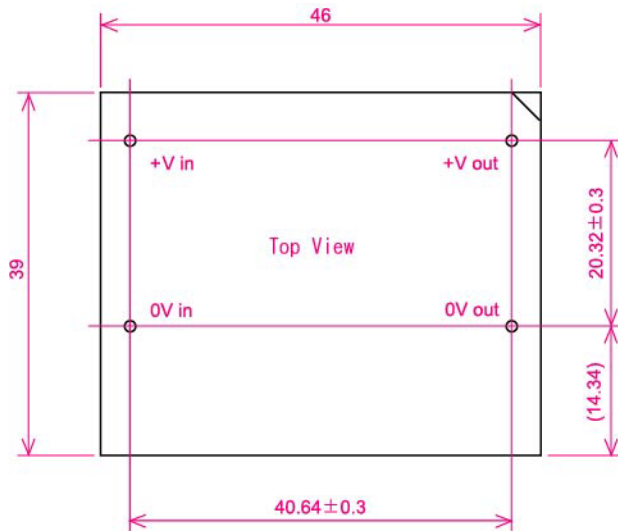
10W Open Frame





Dimension Diagram (mm)

10W Open Frame



① 1.0DIA PIN Material:BsB 2700 1/2H
Solder Plating

② Double-sided PCB FR4t=1.0

③ t=0.5 Insulator V0

*Tolerance ± 0.5

