DIELECTRIC WITHSTAND	TEST VOLTAGE	I/P to Earth: 1500 VAC, I/P to O/P: 4000 VAC, O/P to Earth: 1500 VAC
		> 525K hrs. as per MIL-HDBK-217F (25°C)
	DIMENSION	Overall: 4" x 2" x 1.16" (L x W x H) ; Height above PCB: 1"
	WEIGHT	< 150 gms
	MOUNTING	Open Frame

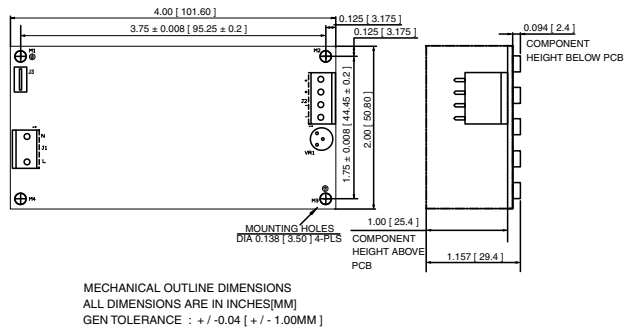
Primary to Secondary	2 x MOPP (Means of Patient Protection)	IEC 60601-1 Ed 3
Primary to Earth	1 x MOPP (Means of Patient Protection)	
Secondary to Earth	1 x MOPP (Means of Patient Protection)	

Connectors details

Ref Des	Description	Type	Pin number	Function
J1	Input AC connector	Tyco: 640445-3; Mates with 647402-3; Pin: 3-647409-1	1	AC Neutral
			2	Not connected
			3	AC Line
J2	Output DC connector	Tyco: 640445-4; Mates with 647402-4; Pin: 3-647409-1	1, 2	V1 Negative
			3, 4	V1 Positive
J3	Earth*	Molex: 19705-4301; Mates with 19003-0001	-	Earth

Note: * All the mounting holes marked with Earth symbol must be Earthed.

Mechanical dimensions



Note:
1. This open frame power supply should preferably be mounted horizontally on 4 metal stand-offs having diameter not more than 6 mm and height not less than 7 mm.
2. Screws used to fix PCB on stand-offs should not have head diameter more than 6 mm.
3. Washer used should not have diameter more than 6 mm.

De-rating curve

Power De-r[redacted]tput

Power [redacted]3 V output

Compliance

Applicable EMI / EMC Standards		
Category	**Reference Standards**	**Testing Level**
Conducted Emission	CISPR32	CLASS B
Radiated Emission	CISPR32	CLASS A
Electrostatic Discharge	IEC 61000-4-2	Level 4, Criteria A Level 3, Criteria A
Radiated Susceptibility	IEC 61000-4-3	Level 3, Criteria B
Electrical Fast Transient / Burst	IEC 61000-4-4	Level 3, Criteria A
Surge	IEC 61000-4-5	Level 3, Criteria A
Conducted Susceptibility	IEC 61000-4-6	Level 3, Criteria B
Power Frequency Magnetic Field	IEC 61000-4-8	Level 4, Criteria A
Voltage Dips & Interruption	IEC 61000-4-11	Criteria A & B
Safety	Approved to IEC / EN / UL 62368-1; IEC / EN 60601-1; IEC / EN 61558	

Ordering information

Product Code	Description	Certification
OPS2x4-60-05-A-1-CU	Open Frame Power Supply with 4 x 2 x 1.16" Form factor, 5 V / 10 A, 50 Watts with Convection Cooling	RoHS compliant, c UL us
OPS2x4-60-12-A-1-CU	Open Frame Power Supply with 4 x 2 x 1.16" Form factor, 12 V / 5 A, 60 Watts with Convection Cooling	RoHS compliant, c UL us
OPS2x4-60-15-A-1-CU	Open Frame Power Supply with 4 x 2 x 1.16" Form factor, 15 V / 4 A, 60 Watts with Convection Cooling	RoHS compliant, c UL us
OPS2x4-60-24-A-1-CU	Open Frame Power Supply with 4 x 2 x 1.16" Form factor, 24 V / 2.5 A, 60 Watts with Convection Cooling	RoHS compliant, c UL us
OPS2x4-60-48-A-1-CU	Open Frame Power Supply with 4 x 2 x 1.16" Form factor, 48 V / 1.25 A, 60 Watts with Convection Cooling	RoHS compliant, c UL us