

Low cost Precision Shunt

Precision Metal Clad Resistors designed in four-terminal technique, are distinguished by high load capacity as well as excellent accuracy. Isolated voltage and current connections making them suitable for very precise current measurements. Easy current measurement is performed by attaching to current bus directly and connecting to voltage (ampere) metal through flexible wires. Unit have a low inductance, heavy copper terminals. The main application is battery manufacturing test jig.

Applications include : Battery manufacturing test jig, current detection in precise power sources, constant current sources, industrial power conversion circuits, HEVs, fuel cells and constant electronic loads.



GENERAL SPECIFICATIONS

Model	Rated Current	Rated Voltage	Resistance	Tolerance
LPS60F	100A	50mV	0.5mΩ	D [±0.5%] F [±1.0%]
	200A		0.25mΩ	
	225A		0.2222mΩ	
	250A		0.2mΩ	
LPS70F	300A		0.1666mΩ	

CHARACTERISTICS

Temperature range	-25°C ~ +70°C		
Dielectric withstanding voltage	AC 500V for 1minute		
Insulation resistance	Min. 100MΩ (DC 500V)		
Stability	[±0.1%]	Battery testing time, 40minutes	

DIMENSIONS [mm]

