



## LPS (Low cost Precision Shunt) [PRELIMINARY VERSION]

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 zig, 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
LPS 60F	200A	50mV	0.25mΩ	D [±0.5]
	225A		0.2222mΩ	
	250A		0.2mΩ	F [±1.0%]
LPS 70F	300A		0.1666mΩ	

### ■ CHARACTERISTICS

Temperature range	-25°C ~ +100°C	
Dielectric Withstanding Voltage	AC 500V for 1minute	
Stability	[±0.1%]	Battery testing time, 40minutes

### ■ DIMENSION [mm]

