

## Low cost Precision Shunt (Option UL TYPE)

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	ULPS60F	100A	50mV	0.5mΩ	D [±0.5%]
		200A		0.25mΩ	
		225A		0.2222mΩ	F [±1.0%]
		250A		0.2mΩ	
LPS70F	ULPS70F	300A		0.1666mΩ	

\*ULPS = UL type of LPS

### 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]

