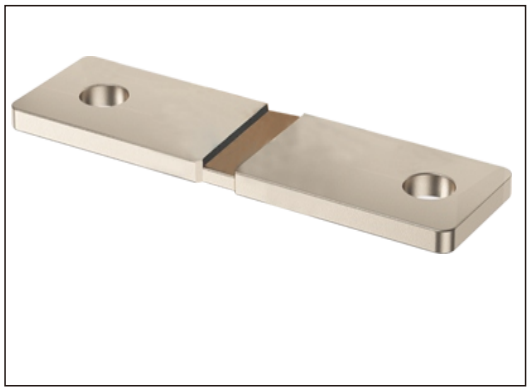
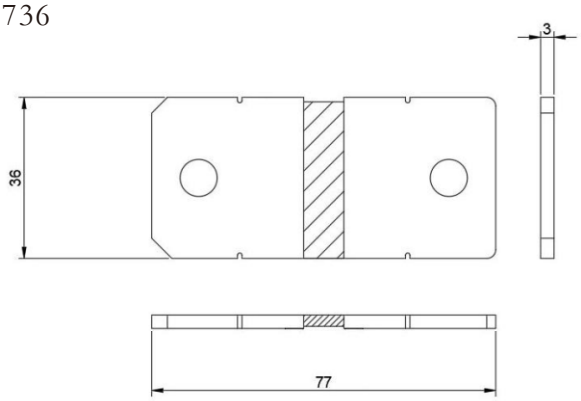


Features

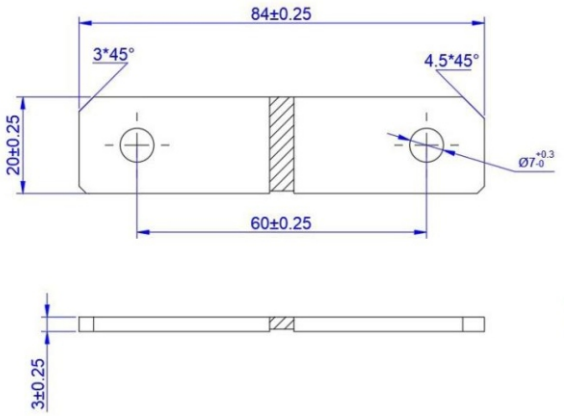
-Electron beam welding process
-High reliability,high overload capacity,high product accuracy
-Wide temperature range and low parasitic sensitivity design
-Low thermal electromotive force(<0.5V/° C)
-NTC temperature sensor,real-time monitoring of temperature orcompensation for temperature drift
-Electrode fully nickel tin plated
-Support customization of special specifications.

Dimensions

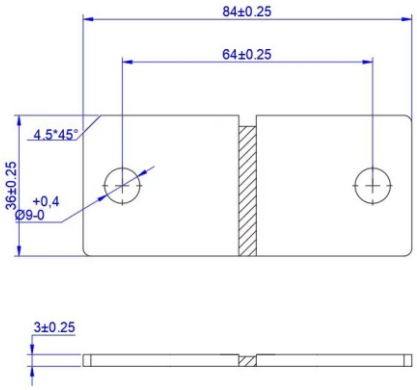
7736



8420



8436



Power And Resistance etc

Type	size	Power (w)	Current Rated (A)	Resistance Range (uΩ)	Operating Temp. Range	TCR (PPM/℃)	Tolerance (%)	Material
LPR	7736	36	850A	50uΩ:	-55~+170℃	±150	J=±5%	N:Alloy
	8420		850A	50uΩ:				
	8436		850A	50uΩ:				
			1200A	25uΩ:				

Ordering Information

Example

LRP	7736	850A	J	25uΩ	M
(1)	(2)	(3)	(4)	(5)	(6)
Type	Size (inch)	Current Rated	Resistance Tolerance	Reisitance	Material

(1)Type:LRP
(2)Size:7736、8420/8436
(3)Current Rated:850A、 1200A
(4)Resistance Tolerance: J=±5%
(5)Reisitance:25uΩ,50uΩ
(6)Material:N:Alloy

Performance

Item	Requirement	Test Method
Temperature Coefficient of Resistance (T.C.R.)	TCR (ppm /℃) = (R2 -R1/R1*(T2 -T1)X 10^6 R1:20℃ R2: 60℃ Temp. R value (Ω) T1:20℃ T2: 125 ℃	±150ppm /° C
Short Time Overload	2000A Power On 5S	▲R≤ ±0 .5%