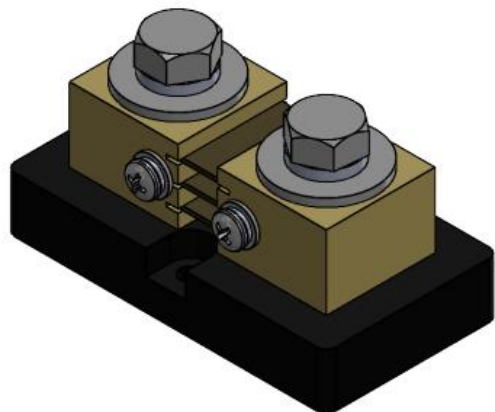


Dimensions in Inches, Tolerances:  $\pm 0.015$  for hole diameters.  
 Other tolerances  $\pm 0.030$  unless otherwise noted.  
 Dimensions are subject to change without notice.

## DC AMMETER SHUNT SERIES 210

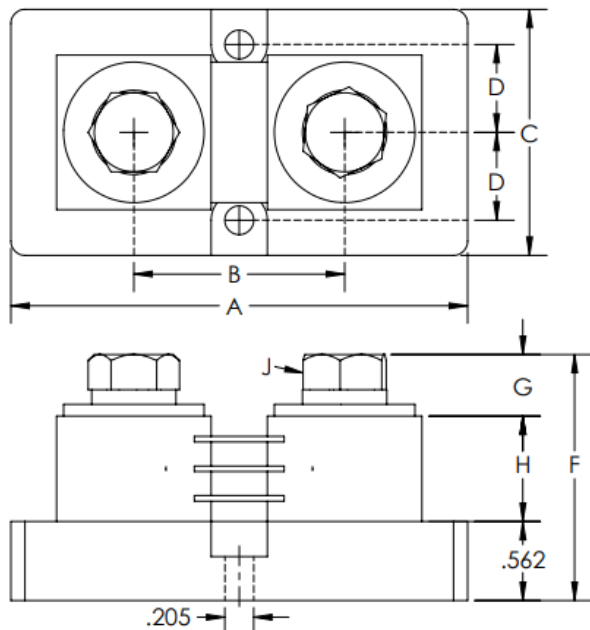
### FEATURES

- Measuring range: 170A to 600A
- Output: 50mV
- Composed of manganin and either brass (for shunts rated below 10,000A) or copper (for shunts rated 10,000A and higher)
- Constant current distribution to shunt strips
- Terminal blocks are slotted to receive one-quarter (1/4) inch bar per slot
- STD Accuracy  $\pm 0.25\%$  (0.1% available upon request.)



### RECOMMENDATIONS

- Shunts should be mounted on the grounded side of the circuit (or mounted on the grounded side of circuits above 750 volts for panel mounted shunts with insulated bases.)
- Shunts should run for no more than two-thirds (2/3) the rated current under normal conditions as per AIEEE standards.
- The manganin shunt strip must not exceed 145°C, as this will cause permanent change in resistance.
- If longer lead lengths are necessary, the additional IR (millivolt) drop in the leads must be taken into consideration when ordering instruments.
- Shunts may be connected (without error) in parallel to measure heavy currents providing each shunt has a separate pair of millivolt leads connected to the instrument terminals.
- The resistance blades of the shunt should be mounted in a vertical position with the longitudinal axis of the shunt in a horizontal position in order to promote the free convectional flow of air.



### 50 mV

Catalog Number	AMP	A	B	C	D	F	G	H	J
210-170-50	170	3.25	1.50	1.75	.625	1.750	.438	.750	3/8-16 x 5/8
210-200-50	200	3.25	1.50	1.75	.625	1.750	.438	.750	3/8-16 x 5/8
210-250-50	250	3.25	1.50	1.75	.625	1.750	.438	.750	3/8-16 x 5/8
210-300-50	300	3.25	1.50	1.75	.625	1.750	.438	.750	3/8-16 x 5/8
210-400-50	400	3.25	1.50	1.75	.625	1.750	.438	.750	3/8-16 x 5/8
210-450-50	450	3.25	1.50	1.75	.625	1.750	.438	.750	3/8-16 x 5/8
210-500-50	500	3.25	1.50	1.75	.625	1.750	.438	.750	3/8-16 x 5/8
210-600-50	600	3.25	1.50	1.75	.625	1.750	.438	.750	3/8-16 x 5/8

**AAC**

**210 SERIES**

Rev.  
**A**