

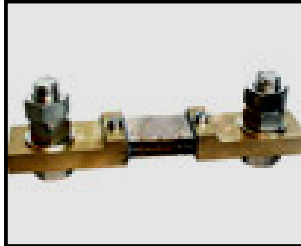
THERMOVOLT D.C. SHUNTS & SIGNAL CONDITIONERS

Introduction:

MSHUNT series of D.C. shunts are available in more than 20 different modes, virtually offering solutions to D.C./A.C. drives, electrical measurement/protection, telecom, power systems, general industrial electronic utilities, process industries, public transportation, public/industrial load carriage, non conventional energy management applications, nuclear and defense and many other research & applications. Company also offers signal conditioners compatible with shunts.

Feature:

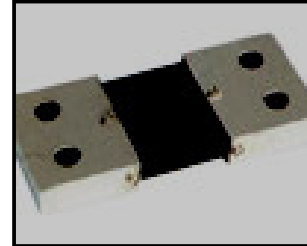
These shunts are made of composite material like maganin, zeranin or alumel-chrom as the specification may be. These materials are low temperature coefficient, low thermal e.m.f., high long term stability with larger pulse load capacity and low inductance. There are no hot spot on account of uniform current density. These are available in planar, stud, tubular form or any geometry on demand.



MSHUNT-0050



MSHUNT-0300



MSHUNT-0150

ELECTRICAL SPECIFICATIONS OF SHUNTS

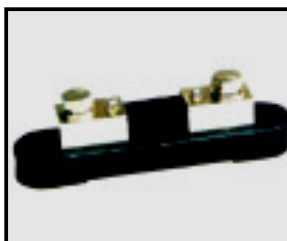
Sensing Current <20000 D.C. Amps

model	Current rating Continuous [Peak current is ten time for 10 sec]	Output voltage Mill-volts	Power watts	Pulse energy joule	% dVout/Dt ppm	% Tolerance	Tmax °C
MSHUNT-0001	00010	75/option	.75	X	<50	0.1/0.5/1.0	60
MSHUNT-0005	00050	75/option	3.27	X	<50	0.1/0.5/1.0	60
MSHUNT-0010	00100	75/option	7.5	X	<50	0.1/0.5/1.0	60
MSHUNT-0020	00200	75/option	15.0	X	<50	0.1/0.5/1.0	60
MSHUNT-0050	00500	75/option	37.5	X	<50	0.1/0.5/1.0	60
MSHUNT-0100	01000	75/option	75.0	X	<50	0.1/0.5/1.0	60
MSHUNT-0150	01500	75/option	112.5	X	<50	0.1/0.5/1.0	60
MSHUNT-0200	02000	75/option	150.0	X	<50	0.1/0.5/1.0	60
MSHUNT-0300	03000	75/option	225.0	X	<50	0.1/0.5/1.0	60
MSHUNT-0500	05000	75/option	375.0	X	<50	0.1/0.5/1.0	70
MSHUNT-0700	07000	75/option	525.0	X	<50	0.1/0.5/1.0	70
MSHUNT-0800	08000	75/option	600.0	X	<50	0.1/0.5/1.0	70
MSHUNT-1000	10,000	75/option	750.0	x	<50	0.1/0.5/1.0	70

MECHANICAL SPECIFICATIONS OF SHUNTS

Sensing Current <20,000 D.C. Amps

MODEL	A m.m.	B m.m.	C m.m.	D m.m.	E m.m.	F m.m.	G m.m.	H m.m.
MSHUNT-0001- MSHUNT-0020	30	20	8	88	-	-	-	-
MSHUNT-0050- MSHUNT-0150	33	20	8	100	-	-	-	-
MSHUNT-0200- MSHUNT-0300	55	30	15	-	10	10	125	30
MSHUNT-0300- MSHUNT-0700	55	40	20	-	10	10	125	30
MSHUNT-0700- MSHUNT-1000	65	60	30	-	10	10	125	30
MSHUNT-1000- MSHUNT-1500	65	90	21	48	10	10	10	10
MSHUNT-1500- MSHUNT-3000	65	120	30	60	10	10	135	30
MSHUNT-3000- MSHUNT-5000	65	120	30	60	15	10	135	60
MSHUNT-5000- MSHUNT-7500	70	154	25	52	25	15	145	130
MSHUNT-7500- MSHUNT-10000	75	206	25	52	30	20	155	170
MSHUNT-10000-MSHUNT-15000	75	310	25	52	30	20	155	170



MSHUNT-0050



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Signal conditioner(galvanically isolated)

Three numerals x 100 after MSHUNT indicate current of shunts. Company offers battery/main operated shunts motor controllers.

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