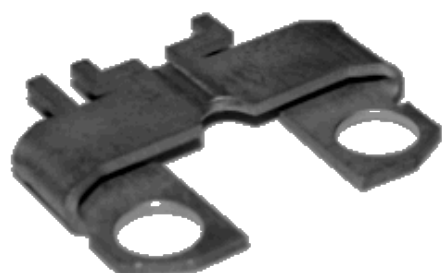


Power Metal Strip® Meter Shunt Resistor Very Low Value (Down to 0.0001Ω)



FEATURES

- High power to resistor size ratio
- 5 terminal connection design
- Use for single or multi-phase energy meters
- Proprietary processing technique produces extremely low resistance values
- All welded construction
- RoHS compliant, lead-free construction
- Very low inductance ($< 5\text{nH}$)
- Low thermal EMF ($< 3 \mu\text{V}/^\circ\text{C}$)



RoHS
COMPLIANT

GREEN
(5-2008)**

STANDARD ELECTRICAL SPECIFICATIONS

GLOBAL MODEL	POWER RATING $P_{70^\circ\text{C}}$ W	TOLERANCE %	RESISTANCE VALUE RANGE	RESISTANCE VALUES CURRENTLY AVAILABLE	WEIGHT (Typical) g
WSMS3124	3.0	5.0	100 $\mu\Omega$ - 750 $\mu\Omega$	100 $\mu\Omega$ Other Values Available Contact Factory	4.3

TECHNICAL SPECIFICATIONS

PARAMETER	UNIT	RESISTOR CHARACTERISTICS
Temperature Coefficient	ppm/ $^\circ\text{C}$	100 $\mu\Omega = \pm 75$
Operating Temperature Range	$^\circ\text{C}$	-65 / +170
Maximum Current Rating	A	$(P/R)^{1/2}$

GLOBAL PART NUMBER INFORMATION

Global Part Numbering: WSMS3124L1000JK (WSMS3124, 0.0001Ω, $\pm 5\%$)

W	S	M	S	3	1	2	4	L	1	1	0	0	J	K		
GLOBAL MODEL				RESISTANCE VALUE				TOLERANCE CODE				PACKAGING CODE				SPECIAL
WSMS3124				L = Milliohm L1000 = 0.00010Ω				J = $\pm 5.0\%$				K = Bulk Pack E = Tape & Reel				(Dash number) (up to 2 digits) From 1 - 99 as applicable

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