

# JARO METAL PLATE RESISTOR ( LMP )

AXIAL LEAD TYPE, PRECISION POWER, LOW VALUE

## □ FEATURES

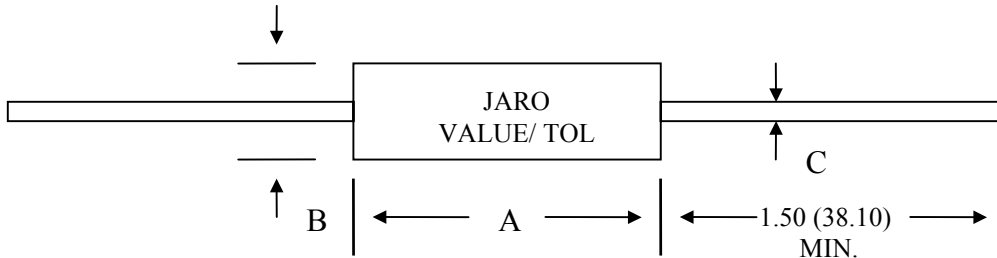
- IDEAL FOR ALL TYPES OF CURRENT SENSING APPLICATIONS INCLUDING SWITCHING AND LINEAR POWER SUPPLIES, INSTRUMENTS AND POWER AMPLIFIERS
- PROPRIETARY PROCESSING TECHNIQUE PRODUCES EXTREMELY LOW RESISTANCE VALUES
- EXCELLENT LOAD LIFE STABILITY
- LOW TEMPERATURE COEFFICIENT
- 275° C MAXIMUM OPERATING TEMPERATURE
- LOW INDUCTANCE
- MIL-R-49465 STYLES AVAILABLE
- COOLER OPERATION FOR HIGH POWER TO SIZE RATIO

## □ ELECTRICAL SPECIFICATIONS

- RESISTANCE RANGE : .005 Ω TO .35 Ω .
- RESISTANCE TOLERANCE : ±1%, ±3%, ±5%, ±10%. LOWER TOLERANCES AVAILABLE AS SPECIALS.
- TEMPERATURE COEFFICIENT : MEASURED FROM -5° C TO +125° C, REFERENCED TO +25° C.
- DIELECTRIC STRENGTH : 500 VAC.
- INSULATION RESISTANCE : 10,000 MEG OHM MINIMUM DRY.
- SHORT TIME OVERLOAD : 5 SECONDS AT 5 TIMES RATED POWER.

## □ MECHANICAL SPECIFICATIONS

- TERMINAL STRENGTH : 10 POUND PULL TEST = LMP -3
- SOLDERABILITY : SATISFACTORY WHEN TESTED IN ACCORDANCE WITH METHOD 208 OF MIL-STD-202



TYPE	POWER RATING	RESISTANCE RANGE ( OHM )	DIMENSIONS (mm)		
			A ± 0.2	B ± 0.2	C ± 0.5
LMP -3	3W	0.005 ~ 0.35	13	3.5	0.8

ENVIRONMENTAL PERFORMANCE		DERATING	SURFACE TEMPERATURE VS POWER		
TEST	MAXIMUM		TEMP.	POWER ( WATTS )	
THERMAL SHOCK	± 0.2 %	<p>PERCENT OF RATED POWER</p> <p>AMBIENT TEMP ( °C )</p>	<p>TEMP.</p> <p>POWER ( WATTS )</p>		
SHORT TIME OVERLOAD	± 0.5 %				
TERMINAL STRENGTH	± 0.1 %				
DIELECTRIC WITH. VOLT.	± 0.1 %				
INSULATION RESISTANCE	1.000 M Ω				
HIGH TEMP EXPOSURE	± 1.0 %				
MOISTURE RESISTANCE	± 0.2 %	HOW TO ORDER			
LOW TEMP. STORAGE	± 0.2 %	LMP-3	0R05	F	T
VIBRATION HIGH FREQ.	± 0.1 %	MODEL	VALUE	TOLERANCE	PACKAGING