JARO METAL PLATE RESISTOR (LMP)

AXIAL LEAD TYPE, PRECISION POWER, LOW VALUE

❑ FEATURES

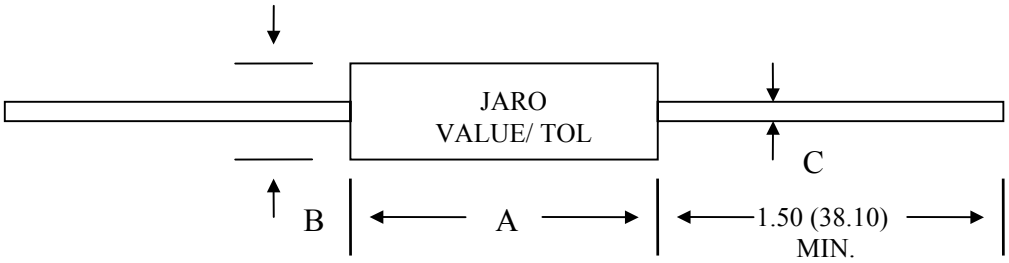
- **IDEAL FOR ALL TYPES OF CURRENT SENSING APPLICATIONS INCLUDING SWITCHING AND LINEAR POWER SUPPLIES, INSTRUMENTS AND POWER AMPLIFIERS**
- **PROPRIETARY PROCESSING TECHNIQUE PRODUCES EXTREMEMLY LOW RESISTANCE VALUES**
- **EXCELLENT LOAD LIFE STABILITY**
- **LOW TEMPERATURE COEFFICIENT**
- **275° C MAXIMUM 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

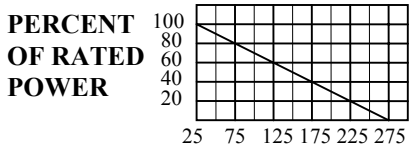
- **TERMINAL STRENGTH : 10 POUND PULL TEST = LMP -3**
- **SOLDERABILITY : SATISFACTORY WHEN TESTED IN ACCORDANCE WITH METHOD 208 OF MIL-STD-202**



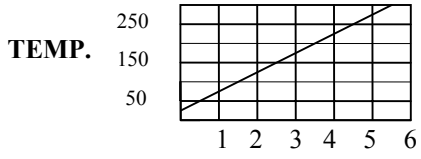
TYPE	POWER RATING	RESISTANCE RANGE (OHM)	DIMENSIONS (mm)		
			A ± 0.2	B ± 0.2	C ± 0.5
LMP -3	3W	0.005 ~ 0.35	13	3.5	0.8

ENVIRONMENTAL PERFORMANCE	
TEST	MAXIMUM
THERMAL SHOCK	± 0.2 %
SHORT TIME OVERLOAD	± 0.5 %
TERMINAL STRENGTH	± 0.1 %
DIELECTRIC WITH. VOLT.	± 0.1 %
INSULATIONRESISTANCE	1.000 M Ω
HIGH TEMP EXPOSURE	± 1.0 %
MOISTURE RESISTANCE	± 0.2 %
LOW TEMP. STORAGE	± 0.2 %
VIBRATION HIGH FREQ.	± 0.1 %

DERATING



SURFACE TEMPERATURE VS POWER



HOW TO ORDER

LMP-3	0R05	F	T
MODEL	VALUE	TOLERANCE	PACKAGING