



OMEGA PRODUCTS PVT. LTD.

AN ISO 9001 : 2015 COMPANY

Omega's Chip Resistors Series

Only Indian Manufacturer and Approved source in India

MIL Equivalent/Compliant Chip Resistors

Thick Film (OSK) & Thin Film (OST) Chip Resistors

Chip Resistor MIL-STD : 55342	
0402	1R ... 1M
0603	0.1% ... 10%
0505	25PPM ... 300PPM
0705	25V ... 200V
1206	
2512	

MIL-PRF-55342 Equivalent parts for Space/Avionics/Defence organizations.
100% Screened as per Space/Avionics/Defence approved quality plans and Group A of MIL-PRF-55342
Established reliability and verified failure rate.
100% Traceability of material and process for Each piece
Tested for more than 15000 Hours

High Voltage (OHT Series)



Applications
*Power supplies
*EV chargers

High Surge capability
Arc resistance

High Value (OHR Series)



Applications
*Voltage dividers
*Biasing circuits

Resistance Value upto 1T
Tolerance $\pm 0.1\% \sim 30\%$

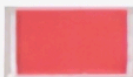
Automotive Grade (OAG Series)



Applications
*EV (ECUs)
*ABS systems

AEC-Q200 Compliant
Thermal stability

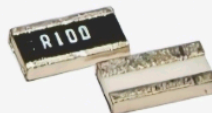
Low TCR (OLT Series)



Applications
*Precision ADCs
*Instrumentation

Ultra-low TCR
(as low as ± 10 ppm/ $^{\circ}\text{C}$)
High accuracy

Current Sensing (OCS Series)



Applications
*Battery monitoring
*Motor control

Low ohmic
High precision

Alloy Shunts (OSH Series)



Applications
*Energy meters
*Power modules
Low inductance

High PowerLow
EMFHigh current

Flip Chip (OFP Series)



Applications
*Smartphones
*RF modules

Space saving
Thermal efficiency

Chip Attenuator (OATW Series)



Applications
*RF circuits
*Signal testing

I/O return loss
 > 15 dB/ $^{\circ}\text{C}$
VSWR 1 : 1.25

Trimable (OTC Series)



Applications
*Circuit tuning
*Gain adjustment

Precision setting
Custom resistance

**Higher Wattage in Small package SMD (OAN)
(Under Development)**

**Voltage Divider Chip Resistors (OVD)
(Under Development)**