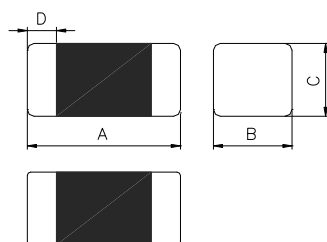


1. Features

- 1.Low DC resistance structure of electrode to prevent wasteful electric power consumption.
- 2.Suitable for reflow soldering.
- 3.Excellent solder ability and heat resistance.
- 4.100% Lead(Pb) & Halogen-Free and RoHS compliant.
- 5.Operating Temperature:-55~+105°C (Including self-temperature rise)



2. Dimensions



Chip Size				
Series	A(mm)	B(mm)	C(mm)	D(mm)
160809	1.60±0.15	0.80±0.15	0.95 max.	0.30±0.20

3. Part Numbering

MPI **160809** **S** **F** - **2R2** **M** - **0A7**
 A B C D E F G

A: Series
 B: Dimension
 C: Category Code
 D: Material
 E: Inductance
 F: Inductance Tolerance
 G: Rated Current

Lead Free Material
 2R2=2.20uH
 M=±20%

4. Specification

Tai-Tech Part Number	Inductance(uH)	Test Frequency (Hz)	Rated Current (mA) max.	DCR (Ω)	
				max.	typ.
MPI160809SF-1R0M-0A9	1.00±20%	1M / 60mV	950	0.26	0.20
MPI160809SF-2R2M-0A7	2.20±20%	1M / 60mV	750	0.52	0.40
MPI160809SF-4R7M-0A3	4.70±20%	1M / 60mV	350	0.78	0.60

- Irms:DC current that causes temperature rise(ΔT 40°C) from 25°C ambient.