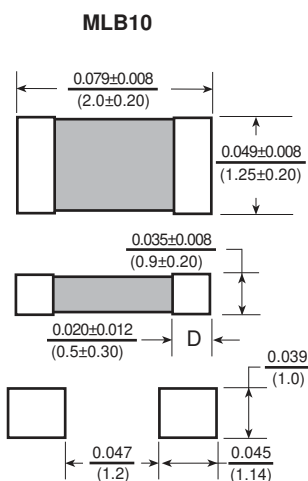


MLB10

Multilayer Ferrite Beads

**Features**

- Surface mount EMI suppression components
- Nickel barrier termination for excellent resistance to solder heat
- Multi layer technology
- Flow and reflow soldering

Electrical

Impedance Range: 11 Ω to 2700 Ω

Other Impedances Available.

Tolerance: 25% over entire range

Operating Range: -40 $^{\circ}$ C ~ +125 $^{\circ}$ C

Storage Temp: -40 $^{\circ}$ C ~ +125 $^{\circ}$ C

Rated Current: Based on temp rise not to exceed 30 $^{\circ}$ C

Resistance to Solder Heat

Pre-Heat 150 $^{\circ}$ C, 1 minute

Solder Composition: Sn99.5%-Cu0.5%

Solder Temp: 260 \pm 5 $^{\circ}$ C for 10sec \pm 1 sec.

Minimum of 75% of Electrode covered with new solder.

Impedance within 30% of initial value.

Test Equipment

(Z): HP4291A RF Impedance/Material Analyzer

(RDC): Agilent 4338

Physical

Packaging: 4000 per 7 inch reel.

Marking: None

Allied Part Number	Impedance (Ω) @ 100 MHz +/- 25%	DC Resistance (Ω) Max.	Rated Current (mA)
MLB10-110-RC	11	0.10	900
MLB10-170-RC	17	0.10	600
MLB10-260-RC	26	0.10	600
MLB10-300-RC	30	0.10	600
MLB10-400-RC	40	0.10	600
MLB10-600-RC	60	0.10	900
MLB10-121-RC	120	0.20	800
MLB10-151-RC	150	0.20	800
MLB10-221-RC	220	0.30	750
MLB10-301-RC	300	0.30	700
MLB10-471-RC	470	0.35	700
MLB10-601-RC	600	0.40	500
MLB10-102-RC	1000	0.45	400
MLB10-152-RC	1500	0.60	200
MLB10-202-RC	2000	0.70	200
MLB10-252-RC	2500	0.70	200
MLB10-272-RC	2700	0.70	200

All specifications subject to change without notice.