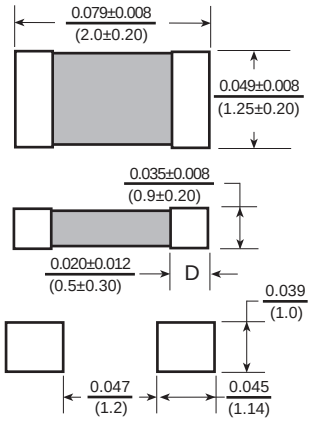
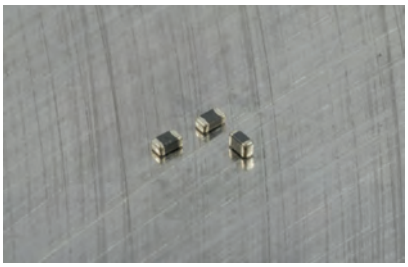
MLB10

Multilayer Ferrite Beads

MLB10

Dimensions: Inches / (mm)





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: 5Ω to 2700Ω
Tolerance: 25% over entire range
Operating Range: -55ºC ~ +125ºC
Storage Temp: Under 25ºC at 40~60% Humidity
Rated Current: Based on temp rise not to exceed 30ºC

Resistance to Solder Heat

Pre-Heat 150ºC, 1 minute
Solder Composition: Sn/Ag3.0/Cu0.5
Solder Temp: 260±5ºC for 10sec ±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): Chen Hwa 502BC

Physical

Packaging: 4000 per 7 inch reel.
Marking: None

Allied Part Number	Impedance (Ω) @ 100 MHz +/- 25%	DC Resistance (Ω) Max.	***Rated Current (mA)
MLB10-050-RC	5	0.10	600
MLB10-070-RC	7	0.10	600
MLB10-090-RC	9	0.10	600
MLB10-100-RC	10	0.10	600
MLB10-110-RC	11	0.10	600
MLB10-120-RC	12	0.10	600
MLB10-150-RC	15	0.10	600
MLB10-170-RC	17	0.10	600
MLB10-190-RC	19	0.10	600
MLB10-220-RC	22	0.10	600
MLB10-260-RC	26	0.10	600
MLB10-280-RC	28	0.10	600
MLB10-300-RC	30	0.10	600
MLB10-310-RC	31	0.10	600
MLB10-320-RC	32	0.10	600
MLB10-330-RC	33	0.10	500
MLB10-390-RC	39	0.10	500
MLB10-400-RC	40	0.10	500
MLB10-420-RC	42	0.10	500
MLB10-470-RC	47	0.10	500
MLB10-500-RC	50	0.10	500
MLB10-520-RC	52	0.15	500
MLB10-560-RC	56	0.15	500
MLB10-600-RC	60	0.15	500
MLB10-700-RC	70	0.15	500
MLB10-750-RC	75	0.15	500
MLB10-800-RC	80	0.15	500
MLB10-900-RC	90	0.15	500
MLB10-950-RC	95	0.15	500
MLB10-101-RC	100	0.25	300
MLB10-121-RC	120	0.25	300
MLB10-151-RC	150	0.25	300
MLB10-181-RC	180	0.30	300
MLB10-201-RC	200	0.30	300
MLB10-221-RC	220	0.30	300
MLB10-241-RC	240	0.30	300
MLB10-301-RC	300	0.30	300
MLB10-331-RC	330	0.30	300
MLB10-401-RC	400	0.30	300
MLB10-421-RC	420	0.30	300
MLB10-431-RC	430	0.40	300
MLB10-451-RC	450	0.40	300
MLB10-471-RC	470	0.40	300
MLB10-501-RC	500	0.40	300
MLB10-601-RC	600	0.40	300
MLB10-681-RC	680	0.40	300
MLB10-751-RC	750	0.50	200
MLB10-102-RC	1000	0.50	200
MLB10-122-RC	1200	0.60	200
MLB10-152-RC	1500	0.60	200
MLB10-202-RC	2000	0.70	200
MLB10-222-RC	2200	0.70	200
MLB10-252-RC	2500	0.70	200
MLB10-272-RC	2700	0.70	200

***Temperature rise shall not be more than 30℃ at rated current.
All specifications subject to change without notice.