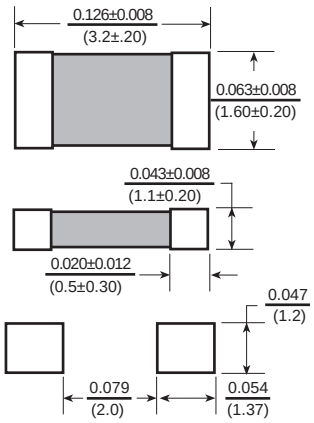
MLB20

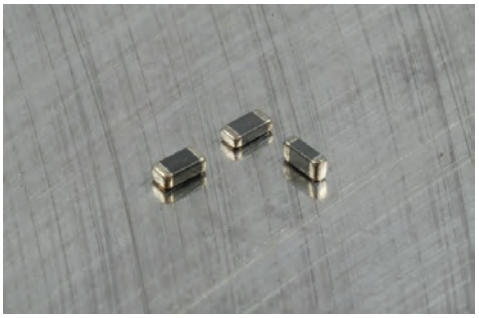
Multilayer Ferrite Beads

RoHS

MLB20



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: 8Ω to 2000Ω
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: 3000 per 7 inch reel.
Marking: None

Allied Part Number	Impedance (Ω) @ 100 MHz +/- 25%	DC Resistance (Ω) Max.	***Rated Current (mA)
MLB20-080-RC	8	0.05	600
MLB20-090-RC	9	0.05	600
MLB20-110-RC	11	0.05	600
MLB20-170-RC	17	0.05	600
MLB20-190-RC	19	0.05	600
MLB20-220-RC	22	0.05	600
MLB20-240-RC	24	0.05	600
MLB20-260-RC	26	0.05	600
MLB20-300-RC	30	0.05	600
MLB20-310-RC	31	0.05	600
MLB20-320-RC	32	0.05	600
MLB20-330-RC	33	0.05	600
MLB20-350-RC	35	0.10	500
MLB20-470-RC	47	0.10	500
MLB20-500-RC	50	0.10	500
MLB20-520-RC	52	0.10	500
MLB20-600-RC	60	0.10	500
MLB20-700-RC	70	0.10	500
MLB20-750-RC	75	0.15	500
MLB20-800-RC	80	0.15	500
MLB20-900-RC	90	0.15	500
MLB20-101-RC	100	0.15	500
MLB20-121-RC	120	0.15	500
MLB20-151-RC	150	0.15	500
MLB20-201-RC	200	0.20	400
MLB20-221-RC	220	0.20	400
MLB20-301-RC	300	0.20	400
MLB20-401-RC	400	0.20	400
MLB20-471-RC	470	0.20	400
MLB20-501-RC	500	0.20	400
MLB20-601-RC	600	0.30	400
MLB20-102-RC	*1000	0.40	200
MLB20-122-RC	*1200	0.40	200
MLB20-152-RC	*1500	0.45	200
MLB20-202-RC	**2000	0.60	200

* at 50MHz. ** at 30MHz.***Temperature rise shall not be more than 30ºC rated current. All specifications subject to change without notice.