

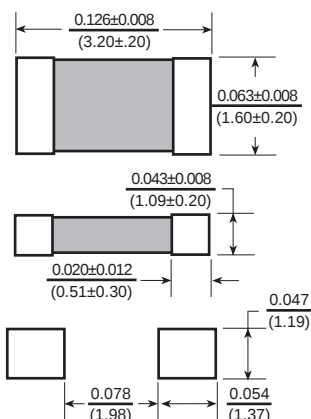
MCB20

Mid Current Chip Beads



MCB20

Dimensions: $\frac{\text{Inches}}{\text{(mm)}}$



Features

- Surface mount EMI suppression components
- Current Rating up to 1A
- Nickel barrier termination for excellent resistance to solder heat
- Multi layer technology
- Flow and reflow soldering

Electrical

Impedance Range: MCB20 from 19Ω to 2000Ω

Tolerance: 25% over entire range

Operating Range: -55°C ~ +125°C

Storage Temp: Under 25°C at 40~60% Humidity

Rated Current: Based on temp rise not to exceed 30°C

Resistance to Solder Heat

Pre-Heat 150°C, 1 minute

Solder Composition: Sn/Ag3.0/Cu0.5

Solder Temp: 260 $\pm$ 5°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): 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)
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MCB20

MCB20-190-RC	19	0.03	1000
MCB20-260-RC	26	0.03	1000
MCB20-310-RC	31	0.03	1000
MCB20-320-RC	32	0.03	1000
MCB20-500-RC	50	0.06	800
MCB20-600-RC	60	0.06	800
MCB20-700-RC	70	0.06	800
MCB20-900-RC	90	0.10	800
MCB20-121-RC	120	0.10	800
MCB20-151-RC	150	0.10	800
MCB20-201-RC	200	0.15	600
MCB20-300-RC	300	0.15	600
MCB20-401-RC	400	0.15	600
MCB20-501-RC	500	0.15	600
MCB20-601-RC	600	0.20	500
MCB20-102-RC	*1000	0.25	400
MCB20-122-RC	*1200	0.25	400
MCB20-202-RC	**2000	0.35	400

* at 50MHz. ** at 30MHz. All specifications subject to change without notice.