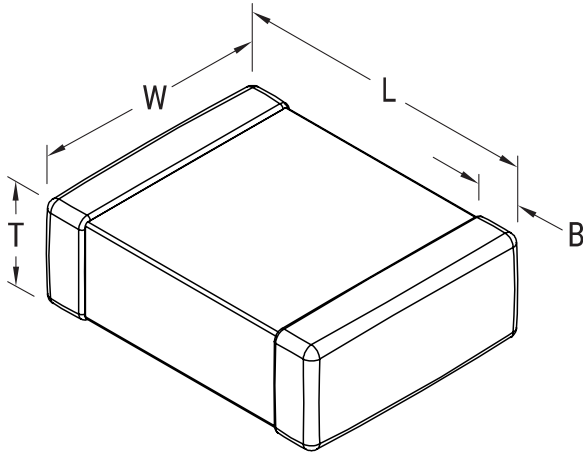


CBR04C508A1GAC

CBR-SMD RF COG, Ceramic, 0.5 pF, +/-0.05 pF, 100 VDC, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0402



Click [here](#) for the 3D model.

General Information

Series	CBR-SMD RF COG
Style	SMD Chip
Description	SMD, Fixed, RF, Ultra High Q, Low ESR, Class I
Features	Ultra High Q, Low ESR, Class I
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	1.37 mg
Notes	Solder Reflow Only.
Shelf Life	78 Weeks
MSL	1

Dimensions

Chip Size	0402
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
T	0.5mm +/-0.05mm
B	0.25mm +0.05/-0.1mm

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	10000

Specifications

Capacitance	0.5 pF
Tolerance	+/-0.05 pF
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Dissipation Factor	0.24%
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	10 GOhms
Quality Factor	410

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