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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	false
AEC-Q200	No
Typical Component Weight	1.37 mg
Notes	Solder Wave or Solder Reflow.
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, 330mm, Plastic Tape
Packaging Quantity	50000

Specifications

Capacitance	8.2 pF
Capacitance Tolerance	+/-0.25 pF
Voltage DC	200 VDC
Dielectric Withstanding Voltage	500 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MHz 1.0Vrms
Dissipation Factor	0.2% 1MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	10 GOhms
Quality Factor	564

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