

CDR31BP510BKUS-T&R

Aliases (C0805N510K1GSL7189, CDR31BP510BKZS-T&R, CDR31BP510BKWS-T&R)

SMD Mil PRF55681, Ceramic, 51 pF, 10%, 100 VDC, BP, Ceramic Chips, MIL PRF 55681 Established Reliability, S (0.001%/1000 Hrs), 0805



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General Information	
Series	SMD Mil PRF55681
Style	SMD Chip
Description	Ceramic Chips, MIL PRF 55681 Established Reliability
RoHS	No
Prop 65	⚠ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov .
SCIP Number	db44bada-287e-465e-9a06-2b93bb6487ea
Termination	Lead (SnPb)
Failure Rate	S (0.001%/1000 Hrs)
Testing and Reliability	MIL-PRF-55681
Qualifications	MIL-PRF-55681
AEC-Q200	No
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0805
L	2mm +/-0.20mm
W	1.25mm +/-0.2mm
T	1.3mm MAX
B	0.5mm +/-0.20mm

Specifications	
Capacitance	51 pF
Capacitance Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	BP
Dissipation Factor	0.15%
Insulation Resistance	100 GOhms

Packaging Specifications	
Packaging	T&R, 178mm, Plastic Tape
Packaging Quantity	4000

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