

CDR31BP271BFUS

Aliases (C0805N271F1GSL, CDR31BP271BFZS, CDR31BP271BFWS)

SMD Mil PRF55681, Ceramic, 270 pF, 1%, 100 VDC, BP, Ceramic Chips, MIL PRF 55681 Established Reliability, S (0.001%/1000 Hrs), 0805



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

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 .
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

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	1

Specifications

Capacitance	270 pF
Capacitance Tolerance	1%
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