

CDR31BX103AMSP

Aliases (C0805N103M5XPH, C0805N103M5XPH-MilitaryBulk)

SMD Mil PRF55681, Ceramic, 0.01 uF, 20%, 50 VDC, BX, P (0.1%/1000 Hrs), 0805



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

Dimensions

Chip Size	0805
L	2mm +0.8/-0.2mm (0.079 in +0.031/-0.008 in)
W	1.25mm +0.5/-0.2mm (0.049 in +0.02/-0.008 in)
T	1.3mm +0.3mm (0.051 in +0.012 in)
B	0.5mm +0.5/-0.2mm (0.02 in +0.02/-0.008 in)

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	1

General Information

Series	SMD Mil PRF55681
Style	SMD Chip
RoHS	No
Prop 65	⚠ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov .
Termination	Lead (SnPb)
Failure Rate	P (0.1%/1000 Hrs)
Testing and Reliability	MIL-PRF-55681
Qualifications	MIL-PRF-55681
AEC-Q200	No
Miscellaneous	Termination Description: SolderCoat 60-40.
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	0.01 uF
Capacitance Tolerance	20%
Voltage DC	50 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	BX

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