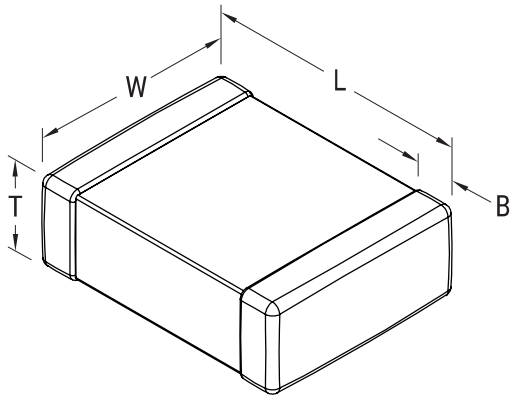
KEMET Part Number: CDR31BP100BJZR

(C0805N100J1GRL, C0805N100J1GRL-MilitaryBulk)

SMD Mil PRF55681, Ceramic, 10 pF, 5%, 100 VDC, BP, R (0.01%/1000 Hrs), 0805



Dimensions	
Chip Size	0805
L	2mm +/-0.2mm (0.079 in +/-0.008 in)
W	1.25mm +/-0.2mm (0.049 in +/-0.008 in)
T	1.3mm (0.051 in)
B	0.5mm +/-0.2mm (0.02 in +/-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 - www.p65warnings.ca.gov.
Termination:	Lead (SnPb)
Failure Rate:	R (0.01%/1000 Hrs)
Testing and Reliability:	MIL-PRF-55681
Qualifications:	MIL-PRF-55681
AEC-Q200:	No
Miscellaneous:	Termination Description: SolderPlate 70-30.
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	10 pF
Capacitance Tolerance:	5%
Voltage DC:	100 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	BP

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

© 2006 - 2022 KEMET