



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

**General Information**

Series	SMD Mil PRF123
Style	SMD Chip
Description	SMD Chip, Ultra Stable
RoHS	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	646e40c8-ce81-456e-b9ed-50112f3d27a5
Termination	Nickel
Failure Rate	N/A
Shelf Life	78 Weeks
MSL	1

**Specifications**

Capacitance	100 pF
Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	BP
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MHz 1.0Vms
Dissipation Factor	0.15%
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

**Dimensions**

L	2.03mm +/-0.38mm
W	1.27mm +/-0.38mm
T	1.4mm MAX
B	0.51mm +/-0.25mm
Case Code (EIA / mm)	0805 / 2012

**Packaging Specifications**

Packaging	Waffle
Packaging Quantity	25000

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.