

## C1825C155M5UACTU

Aliases (C1825C155M5UAC7800)

SMD Comm Z5U, Ceramic, 1.5 uF, 20%, 50 VDC, Z5U, SMD, MLCC, General Purpose, Class III, 2.3 mm, 1825 / 4663



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

### General Information

Series	SMD Comm Z5U
Style	SMD Chip
Description	SMD, MLCC, General Purpose, Class III
Features	Class III
RoHS	Yes
Termination	Tin
Marking	No
Typical Component Weight	170 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	1.5 uF
Measurement Condition	120 Hz 0.5Vrms
Tolerance	20%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	+10/+85°C
Temp. Coefficient	Z5U
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	+22%/-56%, 120Hz 0.5Vrms
Dissipation Factor	4% 120 Hz 0.5Vrms
Aging Rate	7% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	66.7 MOhms

### Dimensions

L	4.5mm +/-0.3mm
W	6.4mm +/-0.4mm
T	1.15mm +/-0.15mm
S	2.3mm MIN
B	0.6mm +/-0.35mm
Case Code (EIA / mm)	1825 / 4663

### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

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