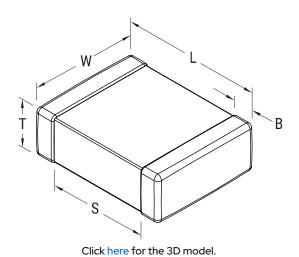


C1825C183G5GACTU

Aliases (C1825C183G5GAC7800) SMD Comm COG, Ceramic, 0.018 uF, 2%, 50 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1825, 2.3 mm



General Information	
Series	SMD Comm COG
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Low Loss, Class I
Features	Ultra-Stable, Low Loss, Class I
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	140 mg
Shelf Life	78 Weeks
MSL	1

mensions		Sp
nip Size	1825	Ca
	4.5mm +/-0.3mm	M
	6.4mm +/-0.4mm	Тс
	1.1mm +/-0.15mm	Vo
	2.3mm MIN	Di
	0.6mm +/-0.35mm	Te
		Те

Packaging Specifications

Dir Ch L W T S B

Packaging Packaging Quantity

T&R, 180mm, Plastic Tape 1000

Specifications	
Capacitance	0.018 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	2%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1 kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	55.5556 GOhms

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