


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

#### General Information

Series	SMD Comm COG HV
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
Typical Component Weight	25 mg
Shelf Life	78 Weeks
MSL	1

#### Dimensions

L	3.2mm +/-0.2mm	Capacitance	47 pF
W	1.6mm +/-0.2mm	Measurement Condition	1 MHz 1.0Vrms
T	1mm +/-0.10mm	Tolerance	10%
S	1.5mm MIN	Voltage DC	2000 VDC
B	0.5mm +/-0.25mm	Dielectric Withstanding Voltage	2,400 VDC
Case Code (EIA / mm)	1206 / 3216	Temperature Range	-55/+125°C

#### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape	Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MHz 1.0Vrms
Packaging Quantity	2500	Dissipation Factor	0.1% 1 MHz 1.0Vrms
		Aging Rate	0% Loss/Decade Hour
		Insulation Resistance	100 GOhms

#### Dimensions

L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1mm +/-0.10mm
S	1.5mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	1206 / 3216

#### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

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.