

**KEMET Part Number: C0805C475K8PALTM**  
(C0805C475K8PAL7025)

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SMD Comm X5R SnPb, Ceramic, 4.7 uF, 10%, 10 VDC, X5R, SMD, MLCC, Temperature Stable, Class II, 0805




#### Dimensions

Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.20mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

#### Packaging Specifications

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

#### General Information

Series:	SMD Comm X5R SnPb
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Class II
Features:	Temperature Stable, Class II
RoHS:	No
Prop 65:	 <b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> .
SCIP Number:	5549986b-60cf-4a2a-afbb-4ad1d7a11dcb
Termination:	Lead (SnPb)
Marking:	Yes
AEC-Q200:	No
Component Weight:	21 mg
Shelf Life:	78 Weeks
MSL:	1

#### Specifications

Capacitance:	4.7 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	10 VDC
Dielectric Withstanding Voltage:	25 VDC
Temperature Range:	-55/+85°C
Temperature Coefficient:	X5R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1kHz 1.0Vrms
Dissipation Factor:	10% 1 kHz 1.0Vrms
Aging Rate:	5% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	21.3 MOhms

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