

QM Series

Reduced Noise MLCC



The QM series has been designed to significantly reduce noise characteristics while providing high capacitance values and a low voltage coefficient, making it ideal for mobile phone, hard disk drive, and LCD panel driver circuit application. QM series is based on X5R temperature characteristics with temperature variation of capacitance within +15% from -55°C to +85°C. This capacitance change is non-linear. Capacitance for X5R will also vary under applied voltage and frequency.

PART NUMBER

QM05	6	D	106	K	A	T	2	A
Size QM03 = 0603 QM 05 = 0805	Voltage See Catalog	Dielectric X5R = D	Capacitance Code 2 Sig. Digits + Number of Zeros	Tolerance See Catalog	Failure Rate A = Not Applicable	Terminations See Catalog	Packaging See Catalog	Special Code A = Not Applicable

X5R

SIZE			QM03 0603	QM05 0805	
	WVDC		6.3V	4V	16V
106	Cap	10	K		P
226	(μF)	22		P	

Letter	K	P
Max. Thickness	0.8±0.2 (0.031±0.008)	1.25±0.2 (0.049±0.008)

AVX Code has no 1.45mm max. P is 1.52mm.

