

Series 6P, Seam Sealed Ceramic 7.5x5mm Surface Mount Package

FEATURE

Ultra-thin, thickness 1.0mm
 Leadless type
 High precision characteristic covering up to high frequency range
 Automatic mounting
 Embossed taping specification
 Reflow soldering



ELECTRICAL SPECIFICATIONS

Frequency Range	9.800MHz to 110.000MHz
Frequency Tolerance (at 25 °C)	+/-10ppm, +/-20ppm, +/-30ppm, or specify
Frequency Stability Over Operating Temperature Range	10 to +70 °C +/-30ppm, -20 to +70 °C +/-20ppm, -40 to +80 °C +/-20ppm, or specify
Aging (at 25 °C)	+/-1ppm, +/-3ppm/year Maximum
Storage Temperature Range	-40 to 85 °C
Shunt Capacitance	7pF Maximum (3.0pF Typical)
Drive Level	10μW~100μW (10μW typical)
Load Capacitance	Series, 16pF, 20pF, 30pF, 32pF, or specify

EQUIVALENT SERIES RESISTANCE(ESR) AND MODE OF OPERATION(MODE)

Frequency Range	E.S.R(Ω)	Mode
9.600MHz~15.999MHz	40 Max.	Fundamental/ AT
16.000MHz~32.000MHz	35 Max.	Fundamental/ AT
30.000MHz~44.999MHz	80 Max.	Third Overtone/ AT
45.000MHz~89.999MHz	70 Max.	Third Overtone/ AT
90.000MHz~110.000MHz	75 Max.	Third Overtone/ AT

MARKING AND DIMENSIONS

