

DATASHEET

Q-SMD7050



PART NO.: 16-0060
PART DESCR.: Q-SMD7050-M2-16.000000 MHz-FU-12-30/50-4085

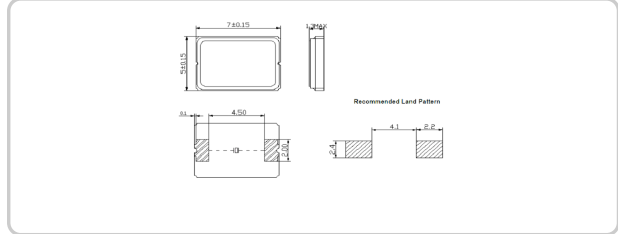
TYPE: Q-SMD7050

MANUFACTURER: quarzwerk 01 GmbH

PRODUCT IMAGE



MARKING DIMENSION



TECHNICAL SPECIFICATION

A 1.00 Manufacturer Name	DOW
A 1.01 Manufacturer Part No.	-
A 1.02 Description	Quartz Crystal Resonator
A 1.04 Dimension & Type	MHz SMD7050 (7.0 x 5.0 mm)
Q 3.01 Nominal frequency (Fo)	16.000000 MHz
Q 3.02 Oscillation Mode	Fundamental AT
Q 3.03 Load Capacitance (CL)	12.0 pF
Q 3.04 Freq. Tol. max. (at +25°C)	±30 ppm max.
Q 3.05 Freq. Stability Vs Temp. max.:	±50 ppm max.
Q 3.06 Operating Temp. Range	-40°C ~ +85°C
Q 3.07 Storage Temp. Range	-55°C ~ +125°C
Q 3.08 Equivalent Res. (ESR)	50 Ω max.
Q 3.11 Drive Level (Typical)	10 μW (typical)
Q 3.12 Drive Level (Max.)	100 μW
Q 3.15 Aging	±3 ppm max first year

CERTIFICATIONS



RoHS
Compliant



ISO 9001:2000
certified by SGS



ISO 14001:2004
certified by SGS