

DATASHEET

Q-SMD1210



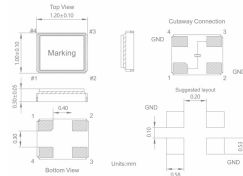
PART NO.: 10-0676
PART DESCR.: Q-SMD1210-M4-48.000000 MHz-FU-11-10/12-3085 (ESR40R)

TYPE: Q-SMD1210
MANUFACTURER: quarzwerk 01 GmbH

PRODUCT IMAGE



MARKING DIMENSION



TECHNICAL SPECIFICATION

A 1.00 Manufacturer Name	UTECH
A 1.02 Description	Quartz Crystal Resonator
A 1.04 Dimension & Type	MHz SMD1210 (1.2 x 1.0 mm)
Q 3.01 Nominal frequency (Fo)	48.000000 MHz
Q 3.02 Oscillation Mode	Fundamental AT
Q 3.03 Load Capacitance (CL)	11.0 pF
Q 3.04 Freq. Tol. max. (at +25°C)	±10 ppm max.
Q 3.05 Freq. Stability Vs Temp. max.:	±12 ppm max.
Q 3.06 Operating Temp. Range	-30°C ~ +85°C
Q 3.07 Storage Temp. Range	-55°C ~ +125°C
Q 3.08 Equivalent Res. (ESR)	40 Ω max.
Q 3.09 Shunt Capacitance C0 (pf max.)	1.0
Q 3.10 Motional Capacitance C1 (fF max.)	3.0
Q 3.11 Drive Level (Typical)	-
Q 3.12 Drive Level (Max.)	-
Q 3.13 Insulation Resistance	-
Q 3.14 Air-tightness	-
Q 3.15 Aging	±1 ppm max first year

CERTIFICATIONS

