

DATASHEET

Q-SMD2016



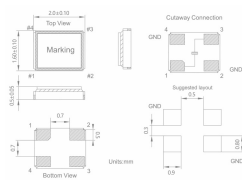
PART NO.: 10-0579
PART DESCR.: Q-SMD2016-M4-48.000000 MHz-FU-11-10/12-3085 (ESR22R)

TYPE: Q-SMD2016
MANUFACTURER: quarzwerk 01 GmbH

PRODUCT IMAGE



MARKING DIMENSION



TECHNICAL SPECIFICATION

A 1.00 Manufacturer Name	UTECH
A 1.01 Manufacturer Part No.	-
A 1.02 Description	Quartz Crystal Resonator
A 1.04 Dimension & Type	SMD2016 (2.0 x 1.6 mm)
A 1.05 VPE	TR3000
A 1.06 Date Created	2026-01
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)	22 Ω max.
Q 3.09a Shunt Capacitance C0	5 pF max.
Q 3.09b Motional Capacitance C1	-
Q 3.10 Drive Level	-
Q 3.11 Drive Level	-
Q 3.12 Insulation Resistance	-
Q 3.13 Air-tightness	-
Q 3.14 Aging	±3 ppm max first year

CERTIFICATIONS

