



AQP STW 1000 MHz Resonator

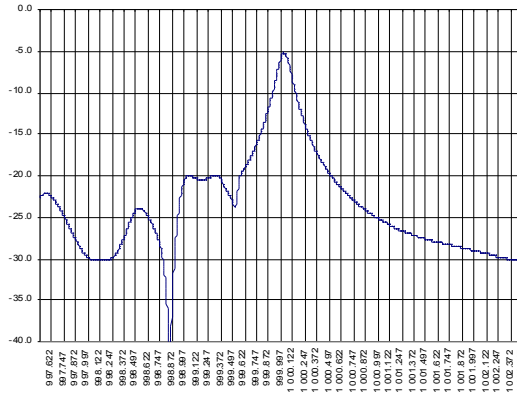
Unloaded Q 14000

Part Number A174-1000M1

Complies with Directive 2002/95/EC (RoHS)

PRELIMINARY DATA

Typical performance



Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	-	1000	-
Inserted loss (unmatched)	dB	4.5	6.0	7.0
Unloaded Q	-	12000	14000	15900
Bandwidth @-3dB	MHz	0.15	0.18	0.22
Turnover temperature	°C	20	25	30
TCF	-	-	$56 \times 10^{-9} / ^\circ\text{C}^2$	-
Substrate	-	-	36Quartz	-
Temperature range	°C	-55	22	80

Notes:

1. The design, manufacturing process, and specifications of this filter are subject to change.
2. Specification valid for measurements in AEC Design test fixture.

Case

Matching

