

AQP STW 1000 MHz Resonator

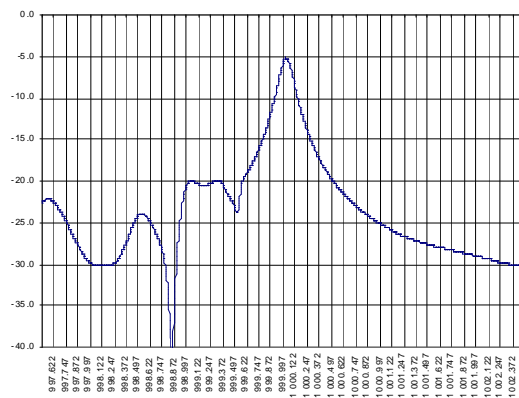
Unloaded Q 14000

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	7
Unloaded Q		12000	14000	15900
Bandwidth @-3dB	MHz	0.15	0.18	0.22
Turnover temperature	°C	20	25	30
TCF		-	$56 \cdot 10^{-9} / ^\circ\text{C}^2$	-
Substrate			36Quartz	
Temperature range	°C	-55	22.5	80

Notes:

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

Case

Matching

SIP6M

