

# AQP STW 500 MHz Resonator

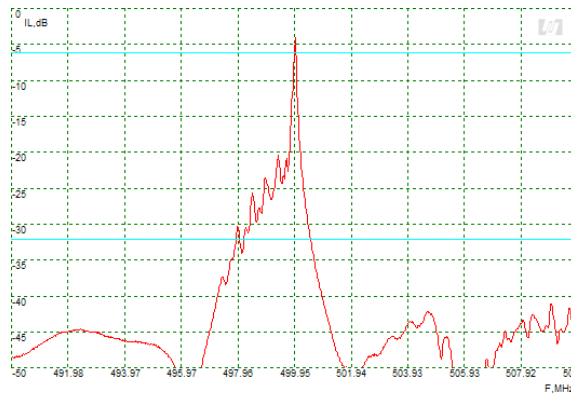
Unloaded Q 18000

AEC Part Number A374-500M2

Complies with Directive 2002/95/EC (RoHS)

PRELIMINARY DATA

## Typical performance



## Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	499.95	500	500.05
Inserted loss (unmatched)	dB	-	4.1	-
Unloaded Q		-	18000	-
Bandwidth @-3dB	MHz		0.075	
Turnover temperature	°C	5	15	20
TCF		-	$56 \times 10^{-9} / ^\circ\text{C}^2$	-
Substrate			33Quartz	
Temperature range	°C	-55	22.5	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

