

AQP 2 port STW Resonator

Unloaded Q 18000

AEC Design Part Number

A374-500M1

PRELIMINARY DATA

Typical performance



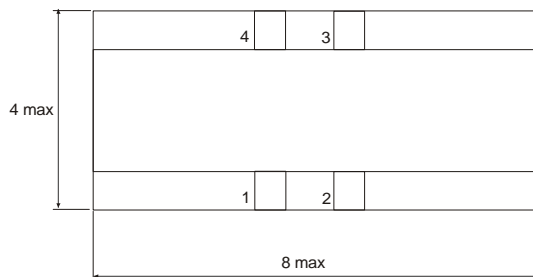
Specifications

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

