

# S-CAAAA-5MG02

## Quartz Thickness – Monitor Crystal

### FEATURE

- Quartz thickness sensor for low-stress metal depositions
- Gold-Electrode
- Frequency: 5 MHz
- Low contact resistance
- High chemic stabilization
- Low-stress metal depositions: Au, Ag, Cu
- Compatible with Ulvac™ type quartz crystal



### THICKNESS SENSOR SPECIFICATION

<b>Sensor Material</b>	pure z Quartz
<b>Cut</b>	AT
<b>Mode</b>	Fundamental
<b>Contour</b>	plano-convex
<b>Diameter</b>	12.37 ± 0.03 mm
<b>Electrode</b>	Cr / Au
<b>Resonant Frequency</b>	4.995~5.005 MHz @ 25°C
<b>Resistance at Resonance</b>	15 ohms Max
<b>Operation Temperature</b>	+25°C ~+75°C
<b>Storage Temperature</b>	-20°C ~+85°C
<b>Storage Humidity</b>	RH30%~50%
<b>Packing</b>	10 crystals / disc