

S-CAAAB-5MG03

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 Balzers™ type quartz crystal



THICKNESS SENSOR SPECIFICATION

Sensor Material	pure z Quartz
Cut	AT
Mode	Fundamental
Contour	plano-convex
Diameter	13.98 ± 0.03 mm
Electrode	Cr / Au
Resonant Frequency	4.995~5.005 MHz @ 25°C
Resistance at Resonance	15 ohms Max
Operation Temperature	+25°C ~+75°C
Storage Temperature	-20°C ~+85°C
Storage Humidity	RH30%~50%
Packing	10 crystals / disc