

KC-005 Custom Keyboard Matrix

This custom 64-key, curved profile panel mount keyboard was designed for a flight operations solutions and services provider for the aviation industry. The KC-005 was used in the cockpit crew control station in a large aircraft similar to Airbus and Boeing.

The KC-005 features white LED backlit illuminated keys with computer PWM dimming control. It is also ultra-slim, rugged – rated IP65 and meets DO160 and MIL-810 specifications.

As a long-standing, qualified supplier of rugged keyboards and keypads for aviation, military, and industrial applications, Staco Systems is seasoned in designing, developing, and implementing custom design specifications.

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General Specifications

Mechanical

Actuating Force: 220 +/- 30 grams
Travel: 1.20 ± 0.2 mm

Temperature-Operating

Operating Temp -40 to 85°C
Storage Temp -40 to 85°C

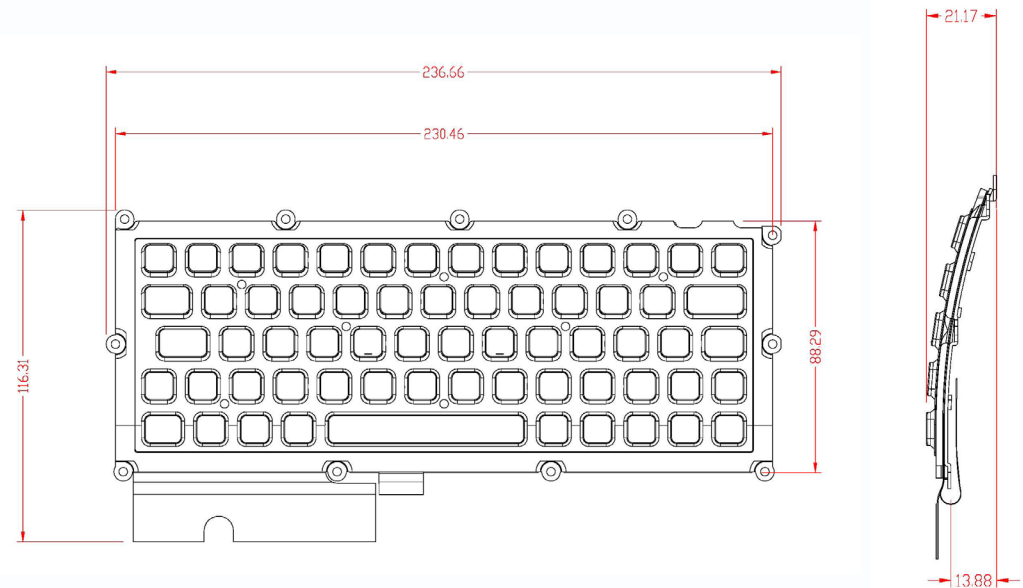
All keys are rated at 1,000,000 cycles of operation at 25°C ambient temperature

Moisture Resistance

Waterproof to IP65 compliant on top surface
Chemical resistant (including Super Tropical Bleach (STB), alcohol, Lysol, hand soap, laundry detergent, vinegar, and hand lotion)

Weight

130 grams



Unit (mm)