



Testing Summary

Mongoose XE

(7160-1116)

Summary of Tests Performed at Gamber-Johnson

Test Description	Test Parameters
Vibration – Operational Test date: Dec., 2019	MIL-STD-810G, Method 514.6, Procedure 1, Category 4, per Figure 514.6C-1. Test duration is one hour along three mutually orthogonal axes – not simultaneously (3 hours total). <ul style="list-style-type: none"> Unit is unlocked
Vibration – Non-Operational (Minimum Integrity) Test date: Dec., 2019	MIL-STD-810G, Method 514.6, Category 24, per Figure 514.6E-1. Test duration is one hour along three mutually orthogonal axes – not simultaneously. <ul style="list-style-type: none"> Unit is unlocked
Functional Shock - Non-Operational Test date: Dec., 2019	MIL-STD-810G, Method 516.6, Procedure 1, 3 positive and 3 negative pulses each axis (vertical, longitudinal and transverse), 18 pulses <ul style="list-style-type: none"> 20G, 11ms half sine Unit is unlocked
Mechanical Shock Safety - Non-Operational Test date: Dec., 2019	MIL-STD-810G, Method 516.6, Procedure 1, 3 positive and 3 negative pulses each axis (vertical, longitudinal and transverse), 18 pulses <ul style="list-style-type: none"> 40G, 11ms half sine Unit is unlocked
Cycle Testing – Non-Operational Test date: Sept., 2017	30,000 cycles of the docking connector, latching and locking mechanisms

Summary of Tests Performed at Independent Facility

Test Description	Test Parameters
Shock – Crash Hazard Test date: Dec., 2019	SAE J1455, Section 4.11.3.5, per Figure 13 <ul style="list-style-type: none"> Unit is unlocked

Other Certifications

Description
EN 50581:2012 RoHS2 Directive 2011/65/EU

An ISO 9001:2015 certified company