



Ultra-Link Diagnostic Testing

PERFORMANCE

<i>Voltage:</i>	nominal 12/24V
<i>Voltage:</i>	operating 12/24V
<i>Signal Source:</i>	Engine Electronic Control Module (ECM)

VIBRATION

<i>Operating:</i>	0.5G
<i>Storage:</i>	50G

TRANSIENT VOLTAGE

Withstands voltage transients of 200 Volts for 300 microseconds duration (SAE J1810)

OVER VOLTAGE PROTECTION

Tested with a supply voltage for 20 Volts for 1 hour.

Reverse polarity protected.

CORROSIVE GAS

NOT ACCEPTABLE.

TEMPERATURE

Tested at the following operating ranges:

A. If being used as a rear engine run box	<i>Operating:</i>	-4°F to 158°F
	<i>Storage:</i>	-22°F to -176°F
	(-30°C to 80°C)	
B. For use as a diagnostic tool	<i>Operating:</i>	32°F to 122°F
	<i>Storage:</i>	-4°F to 158°F
	(-20°C to 70°C)	

SHOCK

<i>Operating:</i>	3G
<i>Storage:</i>	50G

LOAD DUMP

Meets (SAE J113) three positive 80 Volt transients with one minute intervals.

SALT SPRAY

NOT ACCEPTABLE.