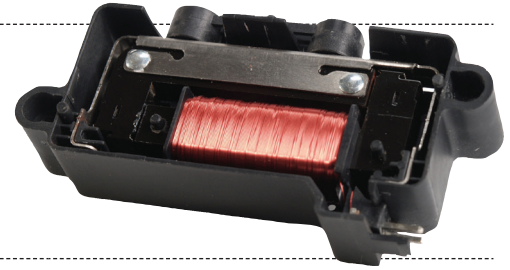


HA300 Haptic Actuator

HA300 Specifications

Part Number	410092-002	
Description	The Ledex HA300 actuator adds tactile feedback to touch screens with software incorporated under license from Immersion Corporation*. The HA110 can be utilized in many applications that include automotive interior devices, gaming devices, training simulators, industrial equipment visual displays and medical device displays	
Performance Data	Duty Cycle	50%
	Rated Life	60 million cycles
	Response Time	<10 ms
	Dynamic Displacement	0.35 mm - 0.53 mm
	Noise	78 dBA Max @ 30 cm
	Return Spring Rate	25 - 45 N/mm
	Acceleration	14 G with 300 gram load
Electrical Data	Coil Resistance @ 20° C	22 Ω $\pm$ 5%
	Operating Voltage	24 VDC $\pm$ 5%
Mechanical Data	Dimensions	95 mm x 47.5 mm x 19 mm (w x h x thickness)
	Total Weight	139 grams
	Operating Temperature	-15 to +70°C @ 70% RH non-condensing
	Mating Connector	JST VHR-2N



Notes:

All data is typical
All specifications subject to change without notice
Other voltages available on request
This is a no load supporting device
Units can be combined together for higher loads
UL - 60950 Approved
RoHS Compliant
* See www.immersion.com

Dimensions — inches (mm)

