



### Features:

- Turns LC receptacles into avionics grade interfaces
- Fits COTSWORKS' RJ and SFF LC transceiver receptacles
- Factory or easy installation using COTSWORKS' LC-Rugged hardware
- Supports ARINC 801 termini and cabling
- Rugged aluminum construction
- Meets and exceeds industrial temperature operation
- Meets MIL-STD- 883 shock and vibration
- Related product: LC to ARINC 801 adapter for cable to cable use is available



**The LC-801 is ideal for harsh environments including Military and Aerospace applications**



### General Description

The LC-801 is an LC Plug to ARINC 801 receptacle adapter utilizing features found in the COTSWORKS' LC Rugged (LC-R) and industry standard ARINC 801 terminus. The LC-801 uses identical spring clips to those utilized by the COTSWORKS' RCP module, and similar to those implemented in 38999 circulars, EN4165 squares, and the rectangular EPXB connectors. These design features allow transceivers with LC receptacles to be upgraded to the more rugged ARINC 801 style.

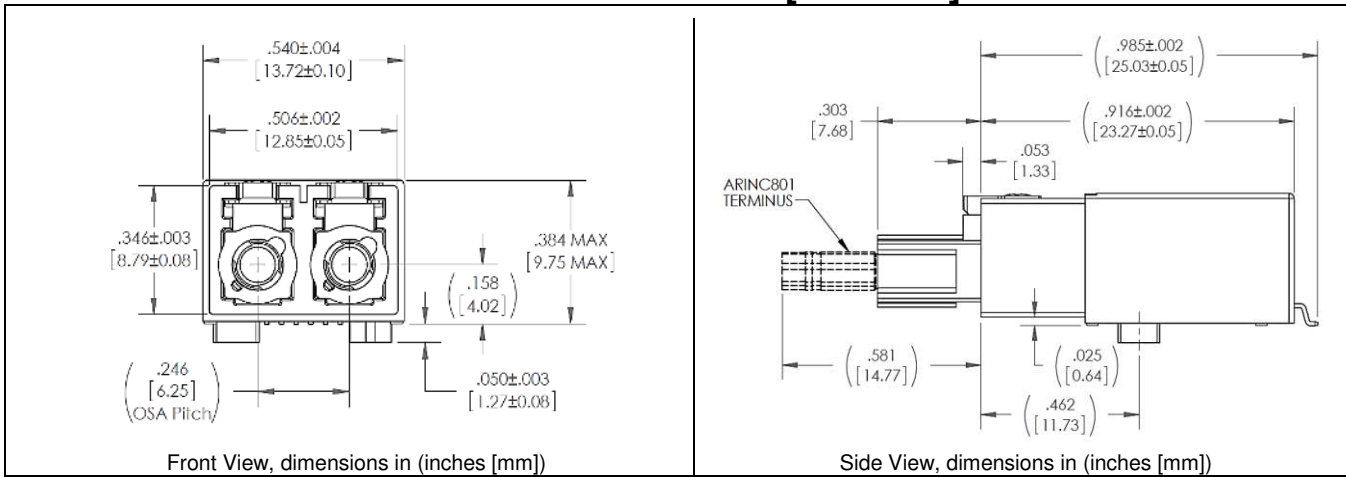
### Specifications

<p><b>Mechanical Specifications</b></p> <ul style="list-style-type: none"> <li>• Compatible with all ARINC 801 termini</li> <li>• Supports both Multimode and Singlemode</li> <li>• ARINC 801 retention 75N (16.86 lbf)</li> </ul> <p><b>Configuration Specifications</b></p> <ul style="list-style-type: none"> <li>• LC801 – Mechanical pigtailed LC kit secures the LC801 adapter into an LC receptacle</li> </ul>	<p><b>Environmental Specifications</b></p> <ul style="list-style-type: none"> <li>• Operating temperature of -50°C to + 95°C</li> <li>• Storage temperature -55°C to +105°C</li> <li>• Humidity 95% (non-condensing)</li> <li>• Mechanical shock &amp; vibration per MIL-STD-883</li> </ul> <p><b>Agency/Safety Specifications</b></p> <ul style="list-style-type: none"> <li>• RoHS requirements per 6/6</li> </ul>
---	--





### LC-801 Connector Mechanical Dimensions [Installed]



Contact COTSWORKS for additional dimensional information

### Ordering Information

LC801 is sold as part of a transceiver or individually. See the RJ transceiver datasheet for the ordering configuration. Contact COTSWORKS for individual sales.

COTSWORKS and the COTSWORKS logo are registered trademarks of COTSWORKS, LLC. COTSWORKS reserves the right to change, alter, or revise this document without notice unless otherwise agreed to.

