Ideal for tight-packaging applications, the ultra-compact LA75 FPC connectors offer simplified cable assembly and retention and a high-temperature option to meet the needs of mobile and car electronics makers.

**Product Features and Advantages**

- **Actuator Hold Feature**
  The actuator design keeps it in the open position during shipping and assembly. This improves assembly efficiency as operators do not need to open or hold it when inserting the cable.

- **Dual Contact Terminal Design**
  Enables cable to be inserted from the top or bottom direction for design and application flexibility.

- **High Temperature Material**
  Material option that can withstand temperatures up to 125°C to meet automotive requirements.

- **Solder Wicking Prevention**
  A clearance of 0.07mm between housing and terminal prevents solder ingress or wicking.

- **Compact Size**
  Space savings are provided in the X, Y and Z axes.

- **Cable Lock Feature**
  Terminal cable lock feature is used with notched cable for additional cable retention.

**Applications**

- **Mobile Devices**
- **Car Electronics**
- **Medical Equipment**

  - Smartphone
  - Car Electronics With Camera
  - Portable Medical Devices
LA75 Series 0.30mm Pitch FPC Connector

**Specification**

**REFERENCE INFORMATION**
Packaging: Embossed tape
Designed In: Millimeters
RoHS: Yes
Halogen Free: Yes

**MECHANICAL**
Durability (min.): 25 cycles

**ELECTRICAL**
Voltage (max.): 50V
Current (max.): 0.2A
Contact Resistance: 100 milliohms max.
Dielectric Withstanding Voltage: 250V AC
Insulation Resistance: 50 Megohm min.

**PHYSICAL**
Housing: LCP, Black
Actuator: Polyamide, Gray
Contact: Copper Alloy
Plating: Gold
Contact Area — Gold
Solder Tail Area — Gold
Underplating — Tin
Operating Temperature:
504754-**00 and --**20: -40 to +105°C
504754-**40 and --**60: -40 to +125°C

**Ordering Information**

<table>
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<tr>
<th>Order No.</th>
<th>Circuit Size</th>
<th>Terminal Locking Feature</th>
<th>Temperature Range</th>
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<td>7, 9, 11, 15, 21, 25, 31, 33, 35, 37, 39, 41, 51, 61</td>
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<td>504754-**60</td>
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Replace ** with circuit size