**MODEL 50-22**

**CHIP-LOK™**

**COB ARRAY HOLDER**

### FEATURES/BENEFITS:
- Metal holder base is resistant to creep to prevent thermal and electrical issues typical at elevated operating temperatures over time.
- COB holding arm secures array to holder for ease of installation.
- Touch-safe design is UL recognized for 250V to allow use in daisy chained applications.
- Stainless steel body provides additional heat sinking paths to allow array to run cooler compared with screws and plastic holders.

### ELECTRICAL:
- **VOLTAGE:** 250 V MAX
- **CURRENT:** 4 A MAX

### MECHANICAL:
- **DIAMETER:** 1.97 in (50.0 mm)
- **HEIGHT:** 0.27 in (6.98 mm) MAX
- **WEIGHT:** 0.28 oz (7.8 grams)
- **SCREW SIZE:** #5-40 (M3)
- **SCREW TORQUE:** 5 in-lb (0.5 Nm) MAX
- **SCREW CIRCLE DIA:** 1.38 in (35.0 mm)
- **WIRE STRIP LENGTH:** 1/4"-5/16" (7 mm)

### PHYSICAL:
- **BASE PLATE:** 301 SS
- **CONTACT HOUSING:** THERMOPLASTIC
- **ELECTRICAL CONTACTS:** COPPER ALLOY
- **PLATING:** SILVER OVER NICKEL
- **TEMPERATURE:** 110°C

**RoHS and REACH COMPLIANT**

**Halogen Free, Non-Chlorinated & Non-Brominated Flame Retardant**

### STANDARDS & SPECIFICATIONS:
- **RECOGNIZED COMPONENT UL 496 (US/CANADA)**
- **EIA-364-1000 (THERMAL CYCLING)**
- **EIA-364-31 (THERMAL SHOCK & HUMIDITY)**
- **EIA-364-17 (ELEVATED TEMPERATURE - LIFE)**
- **UL 2459 (CURRENT CYCLING - TEMP RISE)**
- **IEC 60068-2-7 (VIBRATION)**
- **US & FOREIGN PATENTS PENDING**

### WIRE RANGE:

<table>
<thead>
<tr>
<th>AWG (UL 496)</th>
<th>METRIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOLID 18-24 AWG</td>
<td>0.75 - 0.25 mm²</td>
</tr>
<tr>
<td>STRANDED 18-22 AWG</td>
<td>0.75 - 0.25 mm²</td>
</tr>
<tr>
<td>TIN BONDED 18-24 AWG</td>
<td>0.75 - 0.25 mm²</td>
</tr>
</tbody>
</table>

### DIMENSIONS:

![Dimensions Diagram]

### ORDERING INFO:

<table>
<thead>
<tr>
<th>CATALOG #</th>
<th>MANUFACTURER</th>
<th>COB ARRAY</th>
<th>CARTON QTY</th>
<th>WEIGHT LBS (KG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-2204CT</td>
<td>CITIZEN</td>
<td>CLL040/CLL042</td>
<td>500</td>
<td>9.2 (4.2)</td>
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<tr>
<td>50-2234C</td>
<td>CREE</td>
<td>CXA30</td>
<td>500</td>
<td>9.2 (4.2)</td>
</tr>
</tbody>
</table>

### FACTORY CONTACT:

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