

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Easily applied without soldering and reliable without accidental disconnects
- Low cost alternative to DIP switches
- Increases current flow and decreases resistance vs DIP switches
- Dual beam terminals: 2 points of contact per pin
- Open and closed top versions
- Stackable end-to-end and side-to-side

### Reference Information

Product Specification: PS-7859

Packaging: Bag

UL File No.: E29179 (H)

CSA File No.: LR19980A

Mates With: All C-Grid breakaway headers

Designed In: Inches

### Electrical

Voltage: 250V

Current: 5.0A

Contact Resistance: 15mΩ max. Gold

Dielectric Withstanding Voltage: 1500V

Insulation Resistance: 100K MΩ min.

### Mechanical

Contact Retention to Housing: 26.69N (4 lb)

Mating Force: 4.448N (6 lb)

Unmating Force: 0.98N (1 lb)

Durability: 25 cycles Tin/Lead and 200 cycles Gold

### Physical

Housing: Glass-filled polyester, UL 94V-0

Contact: Phosphor Bronze

Plating: See Table

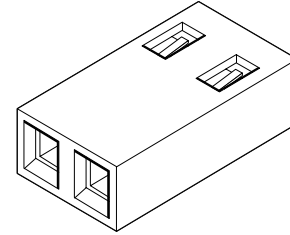
Operating Temperature: -40 to +105°C



## 2.54mm (.100") Pitch C-Grid® Shunt/Jumper

### 7859

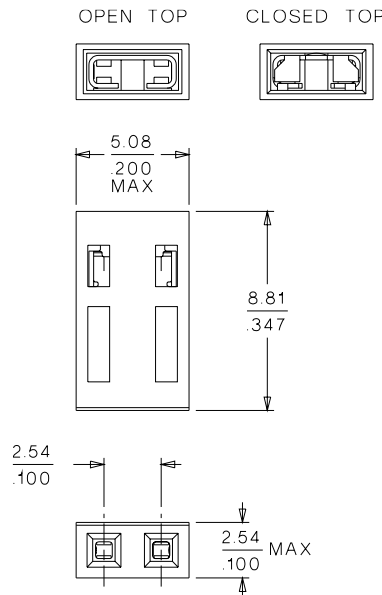
### 2-Circuit



2.54mm (.100") Pitch

## CATALOG DRAWING (FOR REFERENCE ONLY)

**Not For Use With C-Grid III™ Components**



## ORDERING INFORMATION

Open Top		Closed Top	
Order No.	Plating	Order No.	Plating
• 15-29-1024	15μ" Gold	15-29-1025	15μ" Gold
• 15-29-1026	30μ" Gold	15-29-1027	30μ" Gold
• 15-38-1024	150μ" Tin/Lead	15-38-1026	150μ" Tin/Lead

• US Standard Product, available through Molex franchised distributors