

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: 15m Ω max. Gold

Dielectric Withstanding Voltage: 1000V

Insulation Resistance: 100K M Ω min.**Mechanical**

Contact Retention to Housing: 1.8kg (4 lb)

Mating Force: 2.7kg (6 lb)

Unmating Force: 0.5kg (1 lb)

Normal Force: 100g (0.22 lb)

Durability: 25 cycles Tin/Lead and 200 cycles Gold

Physical

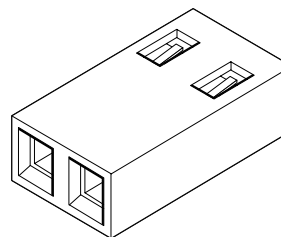
Housing: Glass-filled polyester, UL 94V-0

Contact: Phosphor Bronze

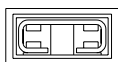
Plating: See Table

Temperature: -40 to +105°C

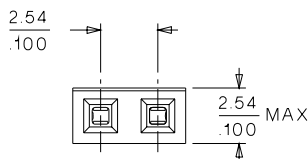
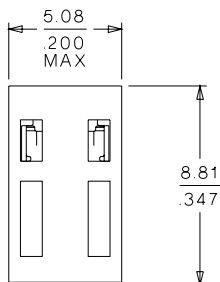
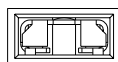
molex® 2.54mm (.100") Pitch
C-Grid®
Shunt/Jumper

7859**2-Circuit****Not For Use With C-Grid III™ Components**

OPEN TOP



CLOSED TOP



ORDERING INFORMATION

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

• US Standard Product, available through Molex franchised distributors