



## 5.00mm (.197") Pitch NSCC/SICMA Female Wire-to-Board Housing

### NSCC Female Wire-to-Board Housing, with Bridges, 6 Circuits

NSCC stands for New Standard Casing Contact

The 6-Way Female W-t-B connector 98438 has been designed based on the existing design of NSCC/ SICMA series 98172 but with bridges as an additional protection feature for the locking latches.

This product is available with 6 mechanical codings in 6 colors.

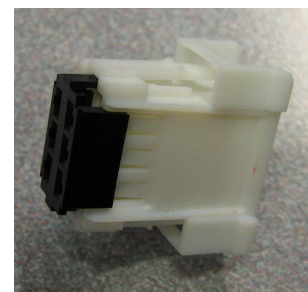
The connector is unsealed and can receive up to 6 UCC 2.8mm terminals (SICMA compatible), series 98898.

Molex is able to supply 2.8mm UCC terminals with P/N 98898-xxxx.

Actually it will be inserted into the application of an electrical window lift.

The NSCC family offers a lot of products in different circuit sizes and with various different features.

### 98438 for 2.80mm Tab, with Bridges, Dual Row, 6 Circuits



### Features and Benefits

Features	Benefits
<ul style="list-style-type: none"> <li>Two lateral bridges</li> </ul>	<ul style="list-style-type: none"> <li>Protection for the locking latch</li> </ul>
<ul style="list-style-type: none"> <li>Fits to existing SICMA interface from FCI</li> </ul>	
<ul style="list-style-type: none"> <li>Designed for 2.8mm Sicma terminals from FCI and for Molex' 2.8mm UCC terminals (98898-xxxx)</li> </ul>	<ul style="list-style-type: none"> <li>Terminal System with high market acceptance</li> </ul>
<ul style="list-style-type: none"> <li>Will be delivered with pre-assembled TPA</li> </ul>	<ul style="list-style-type: none"> <li>Customer saves time during assembly process</li> </ul>
<ul style="list-style-type: none"> <li>6 mechanical codings correlating with 6 housing colors</li> </ul>	<ul style="list-style-type: none"> <li>Avoids mismatching</li> </ul>
<ul style="list-style-type: none"> <li>Dual row 5.00 x 5.00mm pitch</li> </ul>	

### Markets and Applications

- Automotive
  - Electrical window lift





## 5.00mm (.197") Pitch NSCC/SICMA Female Wire-to-Board Housing

### Specifications

#### Reference Information

Packaging: Cardboard Box  
UL File No.:  
CSA File No.:  
Mates With:  
Designed In: mm

#### Electrical

Voltage:  
Current: 18 A / 23 °C  
Contact Resistance: < 2mΩ  
Dielectric Withstanding Voltage:  
Insulation Resistance:

#### Mechanical

Contact Insertion Force: 10N  
Contact Retention to Housing: 80N  
Insertion Force to PCB:  
Mating Force: 60N  
Unmating Force: 150N  
Durability:

#### Physical

Housing: PBT  
Spacer: PBT GF15  
Operating Temperature: -40 to 105 °C

**98438**  
for 2.80mm Tab, with  
Bridges, Dual Row, 6  
Circuits



### Ordering Information

Color	Order No.	Dimension	
		A (Overall Length)	B (First-to-Last Circuit)
Natural	98438-1001	30.00mm (1.181")	10.00mm (.394")
Black	98438-1002	30.00mm (1.181")	10.00mm (.394")
Gray	98438-1003	30.00mm (1.181")	10.00mm (.394")
Blue	98438-1004	30.00mm (1.181")	10.00mm (.394")
Brown	98438-1005	30.00mm (1.181")	10.00mm (.394")
Red	98438-1006	30.00mm (1.181")	10.00mm (.394")



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