



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.

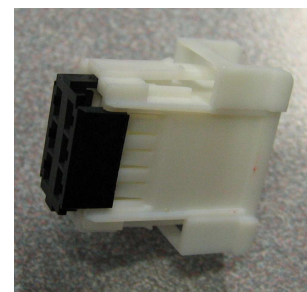
The connector is unsealed and can receive up to 6 UCC 2.8mm terminals (SICMA compatible), series 98898.

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

Markets and Applications

- Automotive
 - Electrical window lift





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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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