

FEATURES AND SPECIFICATIONS



5.00 mm (.197") Pitch

**NSCC/SICMA Receptacle
Wire-to-Board Housing**

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

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 2.8 mm terminals (SICMA compatible).

Molex is able to supply 2.80 mm 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.



Features

- Two lateral bridges
- Fits to existing SICMA interface
- Designed for 2.80 mm UCC terminals (98898-xxxx) and for 2.80 mm Sicma terminals
- Will be delivered with pre-assembled TPA
- 6 mechanical codings correlating with 6 housing colors
- Dual row 5.00 × 5.00 mm pitch

Benefits

- Protection for the locking latch
- Terminal System with high market acceptance
- Customer saves time during assembly process
- Avoids mismatching

SPECIFICATIONS

Reference Information

Packaging: Cardboard Box
Mates With: any 2.80 mm (.110") Header
Designed In: mm
Use with: 98898 (2.80 mm UCC terminal or 2.80 mm Sicma terminal)

Electrical

Voltage: see terminal specification
Current: see terminal specification
Contact Resistance: < 2 mΩ
Dielectric Withstanding Voltage: 1000 VAC/1400VDC
Insulation Resistance: 100 Megaohms min.

Mechanical

Contact Insertion Force: 10N max.
Contact Retention to Housing: 80N min.
Mating Force: 60N max.
Unmating Force: 150N max.
Durability: see terminal specification

Physical

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



MARKETS AND APPLICATIONS

- Automotive
 - Electrical window lift



5.00 mm (.197") Pitch

**NSCC/SICMA Receptacle
Wire-to-Board Housing**

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



ORDERING INFORMATION

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

Americas Headquarters
Lisle, Illinois 60532 U.S.A.
1-800-78MOLEX
amerinfo@molex.com

Far East North Headquarters
Yamato, Kanagawa, Japan
81-462-65-2324
feninfo@molex.com

Far East South Headquarters
Jurong, Singapore
65-6-268-6868
fesinfo@molex.com

Visit our Web site at <http://www.molex.com>

European Headquarters
Munich, Germany
49-89-413092-0
eurinfo@molex.com

Corporate Headquarters
2222 Wellington Ct.
Lisle, IL 60532 U.S.A.
630-969-4550
Fax: 630-969-1352