



**3.33 mm (.131")/  
6.00 mm (.236") Pitch**

## NSCC Receptacle Hybrid Inline Housing

**98273 – 16 Circuits,  
Dual Row, with Slide**

### NSCC Hybrid Inline Receptacle Housing, with Slide, 16 Circuits

NSCC stands for New Standard Casing Contact

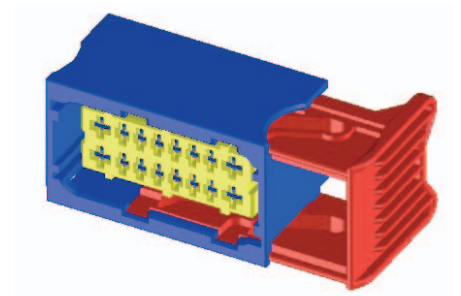
The 16 Circuits Hybrid Inline Connectors 98273 and 98276 have been designed as a drop-in replacement for inline connections and for connections to junction boxes and ECUs e.g. the BSM-VAN application for Delphi and for PSA (Peugeot).

The connectors are unsealed and can receive up to 12 SCC 1.50 mm terminals and up to 4 UCC2 2.80 mm terminals (SICMA compatible).

Molex is able to supply 1.50 mm SCC terminals with P/N 98897-1109, 98897-1119 and 98897-1129 and 2.80 mm UCC2 terminals with P/N 93893-1029, -1039, -1049.

The 16 Circuits Hybrid Inline connector family provides male and female connector housings with TPA. The male connector offers a clip feature for a standard fir tree clip for connector mounting. The Female connector is equipped with a slide as mating assistant and CPA.

Molex offers 6 mechanical codings in 6 colors.



Features	Benefits
■ Designed for 1.50 SCC and 2.80 mm UCC2 and for 1.50 and 2.80 mm Sicma terminals	■ Terminal System with high market acceptance
■ Slide or positive latch	■ Reduces mating force and CPA function
■ Secondary locking for 1.50 and 2.80 mm terminals	■ High terminal retention force
■ 6 mechanical codings correlating with 6 housing colors	■ 6 failproof applications in 1 harness possible
■ Hole feature to seal the slide in locked position	■ Additional security feature for CPA

## SPECIFICATIONS

### Reference Information

Packaging: Carton Box  
Mates With: 98276  
Use with: 98897 and 98898  
Designed In: Millimeters

### Electrical

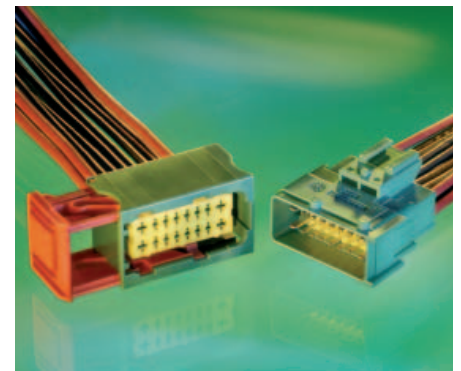
Voltage:  $13.5 \pm 0.1$  Volts DC  
Current: please refer to FCI Sicma terminal specification for 1.50 mm and 2.80 mm terminals  
Contact Resistance:  $< 4 \text{ m}\Omega$   
Dielectric Withstanding Voltage:  $1000 \text{ V}_{AC}$  (50 Hz) during 60 s  
Insulation Resistance:  $R > 200 \text{ M}\Omega$

### Mechanical

Contact Insertion Force:  $< 5\text{N}$  for 1.50 mm  
 $< 8\text{N}$  for 2.80 mm  
Contact Retention to Housing:  $> 100\text{N}$  with Secondary Locking  
Mating Force:  $< 60\text{N}$   
Unmating Force:  $< 20\text{N}$   
Durability: 20 cycles

### Physical

Housing: PBT Glass-filled  
Contact: CuCr TiSi  
Plating: Contact Area – Sn  
Solder Tail Area – N/A  
Underplating – N/A  
Operating Temperature:  $-40^\circ\text{C}$  to  $+125^\circ\text{C}$



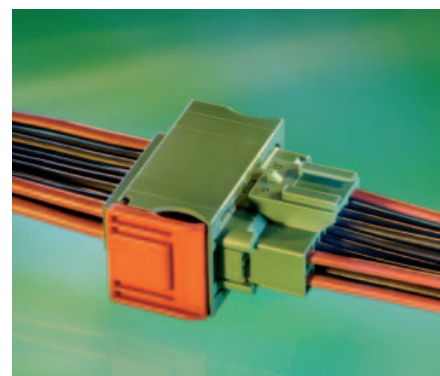


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- Automotive
  - Junction Boxes
  - ECU (Electronic Control Unit)



### ORDERING INFORMATION

Color	Order No.		Dimension	
	Female Housing	Male Housing	A (Overall Length)	B (First-to-Last)
Black	98273-1001	98276-1001	45.00 mm (1.772")	25.05 mm (.986")
Green	98273-1002	98276-1002	45.00 mm (1.772")	25.05 mm (.986")
Blue	98273-1003	98276-1003	45.00 mm (1.772")	25.05 mm (.986")
White	98273-1004	98276-1004	45.00 mm (1.772")	25.05 mm (.986")
Brown	98273-1005	98276-1005	45.00 mm (1.772")	25.05 mm (.986")
Gray	98273-1006	98276-1006	45.00 mm (1.772")	25.05 mm (.986")

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