



98463-1510

3.33mm (.131") / 5.00mm (.197") Pitch NSCC Header, Vertical, 15 Circuits, Natural

ENVIRONMENT

RoHS Status ELV and RoHS
Compliant

Features and Benefits

- Hybrid Header 9 x 1.5mm (.059") pins, 6 x 2.80mm (.110") pins
- Part also available in 12 Circuits and 18 Circuits
- Also available in right angle version
- 10 different color codings for easy identification

<u>Status</u>	Active
<u>Orientation</u>	Vertical
<u>Pitch / Center Spacing</u>	3.33mm (.131"), 5.00mm (.197")
<u>Circuits / Positions</u>	15
<u>Circuits Detail</u>	9 x 1.5mm (.059") pins and 6 x 2.80mm (.110") pins
<u>Rows</u>	2
<u>Product Name</u>	NSCC
<u>Stackable</u>	No
<u>Breakaway</u>	No
<u>Shrouded</u>	Yes
<u>Pin Header</u>	Yes

RELATED PRODUCTS

<u>Polarized to Mating Part</u>	Yes
<u>Lock to Mating Part</u>	Positive Latch
<u>Mates With</u>	98315-0010 NSCC Adapter
<u>Mated Height (H)</u>	34.60mm (1.362")

MOUNTING

<u>PCB Mounting</u>	Through Hole
<u>Polarized to PCB</u>	Yes
<u>PCB Retention</u>	Screw Hole, Locating Pin
<u>PCB Locator</u>	Plastic Peg
<u>PCB Thickness</u>	custom
<u>PC Tail Length</u>	4.30mm (.169")
<u>Staggered Tails</u>	No
<u>PCB Layout</u>	Dual Row Grid

ELECTRICAL

<u>Current-max [amps]</u>	18.0A, 37A
<u>Contact Resistance [ohms]</u>	1 milliohms max.

PHYSICAL

<u>Housing Material</u>	PBT Polyester, Glass-filled
<u>Color</u>	Natural
<u>Flammability</u>	UL 94V-0
<u>Contact</u>	Brass (CuZn)

Plating Contact Tin (Sn)
Plating Tail Tin (Sn)
Under Plating Nickel (Ni) Half-Bright
Temperature Range -40°C to +125°C

M E C H A N I C A L

Mating Force-max. (per circuit) 70.00N (15.74 lb)
Unmating Force-min. (per circuit) 70.00N (15.74 lb)
Contact Retention Force-min. (per circuit) 80.00N (17.98 lb)
Unmated Height 26.50mm (1.043")
Unmated Width 52.80mm (2.079")
Pin Size 1.50mm (.059"), 2.80mm (.110")
Overall Length 52.80mm (2.079")
First-to-Last Circuit 26.67mm (1.050")
First Contact to End 0.00mm (.000")
Designed In Millimeters

R E F E R E N C E

Packaging Tray
Comment The current for 1.50mm pins is 18.0A max. and
for 2.80mm pins 37.0A max
Molex Series 98463