

## SIEMAX Connectors

### Applications

- Multiplex Systems
- Base Stations
- High Density Systems

### Product Facts

- Multi Coax Surface Mount
- Maximum packaging density
- Component placement on both sides of PCB
- Fully automated assembly (pick-and-place)
- Modular design

### Technical Data

- Interface: Series 1.0/2.3
- Impedance: 75Ω
- International specifications: IEC 169-29 and CECC 22 230
- Frequency range up to 2 GHz
- Compact grid pitch 10 [0.39]
- Guaranteed coplanarity of max. 0.1 [0.004]
- Integrated positioning pins for manual placement
- Optional mechanical securing



SIEMAX connectors combine the benefits of surface mount technology and modular design. This multi coax connector is packaged in tape-and-reel for automatic placement, has optimum solder joints and 100% reflow suitability. This con-

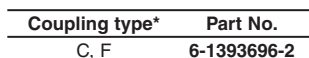
nector is ideal for systems requiring superior packaging density because it can be placed on both sides of the printed circuit board.

The modular design provides flexibility in terms of the number of poles offered (two- or three-poles). It can

be stacked, enabling any required configuration to be produced. The SIEMAX connector also allows the use of any other connector series, e.g. SMB, is resistant to high temperatures, and is robust, with reliably sustained coplanarity.

For General Information  
on Series 1.0/2.3 Connectors, see  
Page 129.

## SIEMAX Connector, SMT Right-Angle Jack, 2 Poles



**PC Board Layout**

Dimensions and Tolerances:

- Overall Width:  $12.10 \pm 0.05$  [1.476 ± .002]
- Overall Height:  $17.50 \pm 0.05$  [1.689 ± .002]
- Pin Pitch:  $2.00$  [0.079]
- Mounting Hole Diameter:  $\varnothing 1.40$  [0.055 ± .004]
- Pin 1 Offset:  $2.80 \pm 0.05$  [0.110 ± .002]
- Pin 2 Offset:  $3.00 \pm 0.05$  [0.118 ± .002]
- Pin 3 Offset:  $5.10 \pm 0.05$  [0.201 ± .002]
- Pin 4 Offset:  $1.90 \pm 0.05$  [0.075 ± .002]
- Pin 5 Offset:  $1.60 \pm 0.05$  [0.063 ± .002]
- Pin 6 Offset:  $2.00 \pm 0.05$  [0.079 ± .002]
- Pin 7 Offset:  $7.20 \pm 0.05$  [0.283 ± .002]
- Pin 8 Offset:  $13.00 \pm 0.05$  [0.512 ± .002]
- Pin 9 Offset:  $14.00$  [0.551]
- Pin 10 Offset:  $2.00 \times 7 = 14.00$  [0.551]
- Pin 11 Offset:  $2.00 \pm 0.05$  [0.079 ± .002]
- Pin 12 Offset:  $2.00$  [0.079]
- Pin 13 Offset:  $1.90 \pm 0.10$  [0.075 ± .004]
- Pin 14 Offset:  $1.90 \pm 0.10$  [0.075 ± .004]
- Pin 15 Offset:  $2.00 \times 4 = 8.00$  [0.315]
- Pin 16 Offset:  $2.00$  [0.079]

[illegible]

Coupling type*	Part No.
C, F	6-1393696-7

[illegible]

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