



■ ■ ■ User **Marcin NAGRODZKI - Inexim PL** Date **05-Jul-2005 • 12:45:21** Group **p-RF.Connector** Level **Agent**  
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## Coaxial print connectors online data base

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### Details

Jump to [\[Mechanical data\]](#) [\[Electrical data\]](#) [\[Environmental data\]](#) [\[Material\]](#)

**Item description** **85\_SMA-50-0-144/111\_YH** **A - Preferred type**

Connector Description Right angle PCB jack  
 Series / Pattern • SMA – Type / [Pattern 85](#)  
 Highlights • PCB connector with stand-offs



Item number 23000527  
 Attached to PDM Object 85\_SMA-50-0-144/111\_Y  
 Outline drawing [85\\_SMA-50-0-144/111\\_Y](#)  
 Catalogue drawing [85\\_SMA-50-0-144/111\\_Y](#)  
 Related documents [Mounting Hole\[ML\]](#)  
 Interface Standards IEC 60169-15; MIL-STD-348A/310; CECC 22110  
 Phase Production Publication Status WWW

### Mechanical data

Jump to [\[Top\]](#)

Board Mounting Type Through holes  
 Number of Printlegs 4  
 Printleg Length HL 4 mm  
 Height above PCB HA 9.7 mm  
 Hight Stand Off HS 0.5 mm

### Electrical data

Jump to [\[Top\]](#)

Impedance 50 Ω  
 Interface Freq max ≤18 GHz

### Environmental and general data

Jump to [\[Top\]](#)

Operating Temp min -65 °C  
 Operating Temp max 165 °C  
 Weight 0.0039 kg  
 Number of Matings 500

### Material

Jump to [\[Top\]](#)

| Piece part     | Base material          | Plating                           |
|----------------|------------------------|-----------------------------------|
| Center contact | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer contact  | Brass                  | Gold Plating (Nickel underplated) |
| Insulator      | PFA / PTFE             |                                   |
| Body           | Brass                  | SUCOPRO Plating                   |

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