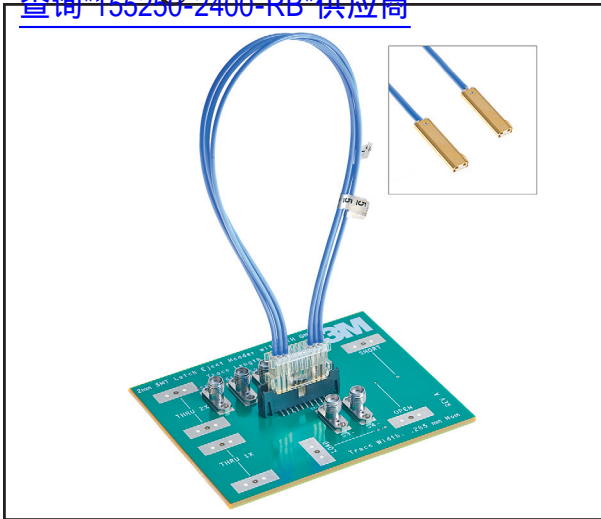


# 3M™ Sample Development Design Kits for High Speed Cabling and Connectors

94XX Series

[查询"155230-2400-RB"供应商](#)



- 9401-9404 2 MM SCI Design Kits
- SCI Cable Assemblies and Corresponding Boardmount Headers

#### **Purpose**

- Assist designers in evaluating signal integrity performance of 3M SCI cable assemblies
  - Eye Patterns
  - Crosstalk (Near end & Far end)
  - Attenuation
- Support component engineers in technical specification development

Date Modified: October 1, 2008

TS-2298-B  
Sheet 1 of 3

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## Physical

See TS-2199 and TS-2105

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## Electrical

See TS-2199 and TS-2105

Signal Data shown in white paper [2 mm High Speed Cable Assembly](#)

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## Environmental

See TS-2199 and TS-2105

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**3M**

Electronic Solutions Division  
Interconnect Solutions

<http://www.3M.com/interconnects/>

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**800-225-5373**

# 3M™ Sample Development Design Kits for High Speed Cabling and Connectors

94XX Series

[查询"155250-2400-RB"供应商](#)

| 9401 Sample Development Kit for 2 mm SCI Surface Mount Header without PCB Test Board |   |                     |            |
|--|---|---------------------|------------|
| Contents   |   |                     |            |
| Qty  | Description   | Part Number (ref)   | Tech Sheet |
| 1  | 2 x 25 Carrier  | 9350                | TS-2105    |
| 1  | 2 x 25 L/E Header-SMT   | 155250-2400-RB      | TS-2199    |
| 3  | 24 Inch Double-ended Twin-Ax Assy                               | 98-3030-058-024.0-0 | TS-2105    |
| 3  | 24 Inch Double-ended Coax Assy                                  | 98-2929-027-024.0-0 | TS-2105    |
| 1  | White Paper   | 78-9100-7515-5      | N/A        |
| 1  | Development Kit Instructions,<br>2 mm High Speed Cable Assembly | 78-9100-7516-3      | N/A        |

| 9402 Sample Development Kit for 2 mm SCI Surface Mount Header with PCB Test Board |   |                     |            |
|---|---|---------------------|------------|
| Contents  |   |                     |            |
| Qty   | Description   | Part Number (ref)   | Tech Sheet |
| 1   | 2 x 25 Carrier  | 9350                | TS-2105    |
| 1   | PCB with SMT 2 x 25 Header <sup>2</sup>                         | 78-9100-7555-1      | TS-2199    |
| 3   | 24 Inch Double-Ended Twin-Ax Assy                               | 98-3030-058-024.0-0 | TS-2105    |
| 3   | 24 Inch Double-Ended Coax Assy                                  | 98-2929-027-024.0-0 | TS-2105    |
| 1   | White Paper   | 78-9100-7515-5      | N/A        |
| 1   | Development Kit Instructions,<br>2 mm High Speed Cable Assembly | 78-9100-7516-3      | N/A        |

| 9403 Sample Development Kit for 2 mm SCI Through-Hole Header without PCB Test Board |   |                     |            |
|---|---|---------------------|------------|
| Contents  |   |                     |            |
| Qty   | Description   | Part Number (ref)   | Tech Sheet |
| 1   | Part Number (ref)   | 9350                | TS-2105    |
| 1   | 2 x 25 L/E Header-TH  | 155250-6402-RB      | TS-2199    |
| 3   | 24 Inch Double-Ended Twin-Ax Assy                               | 98-3030-058-024.0-0 | TS-2105    |
| 3   | 24 Inch Double-Ended Coax Assy                                  | 98-2929-027-024.0-0 | TS-2105    |
| 1   | White Paper   | 78-9100-7515-5      | N/A        |
| 1   | Development Kit Instructions,<br>2 mm High Speed Cable Assembly | 78-9100-7516-3      | N/A        |

| 9404 Sample Development Kit for 2 mm SCI Through-Hole Header with PCB Test Board |   |                     |            |
|--|---|---------------------|------------|
| Contents   |   |                     |            |
| Qty  | Description   | Part Number (ref)   | Tech Sheet |
| 1  | Part Number (ref)   | 9350                | TS-2105    |
| 1  | PCB with TH 2 x 25 Header <sup>2</sup>                          | 78-9100-7556-9      | TS-2199    |
| 3  | 24 Inch Double-ended Twin-Ax Assy                               | 98-3030-058-024.0-0 | TS-2105    |
| 3  | 24 Inch Double-ended Coax Assy                                  | 98-2929-027-024.0-0 | TS-2105    |
| 1  | White Paper   | 78-9100-7515-5      | N/A        |
| 1  | Development Kit Instructions,<br>2 mm High Speed Cable Assembly | 78-9100-7516-3      | N/A        |

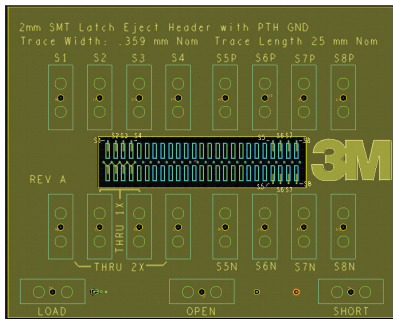
TS-2298-B  
Sheet 2 of 3

# 3M™ Sample Development Design Kits for High Speed Cabling and Connectors

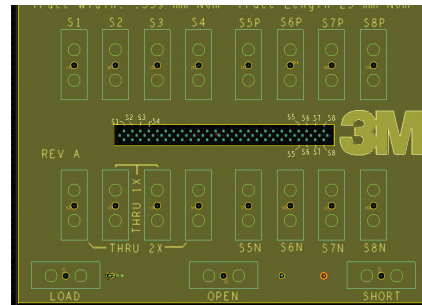
94XX Series

[查询"155230-2400-RB"供应商](#)

Test Board - SMT Header



Test Board-TH Header



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