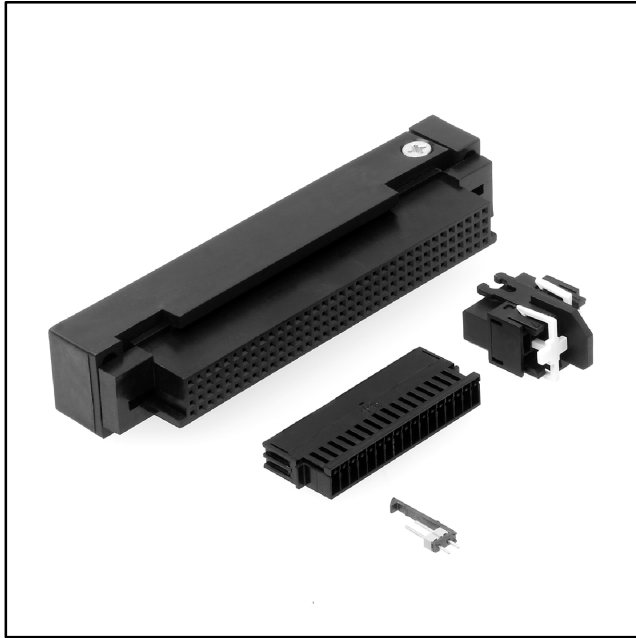


3M™ Shielded Controlled Impedance (SCI)

.100"

Assembly Hardware



2 Row Carrier Housing

- Carriers available in 3M .100" × .100" Socket (2.54 mm × 2.54 mm)
- Compatible with 3M .100" × .100" Headers (2.54 mm × 2.54 mm)
- Available in short or long latch styles

3 Row Carrier Housing

- Integral locking feature
- Includes two retention clips

2 Pin Header Latch

- Available for the right angle SCI connector

4 x 35 Carrier Housing

- Mates to industry 4 x 35 backplane connector

Date Modified: May 30, 2003

TS-0802-07
Sheet 1 of 3

Physical

Insulation Material:

2 Row: Polycarbonate

3 Row: Glass Reinforced Polyester

Color: Black

Flammability: UL 94V-0

Marking: 3M Logo



Interconnect Solutions

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

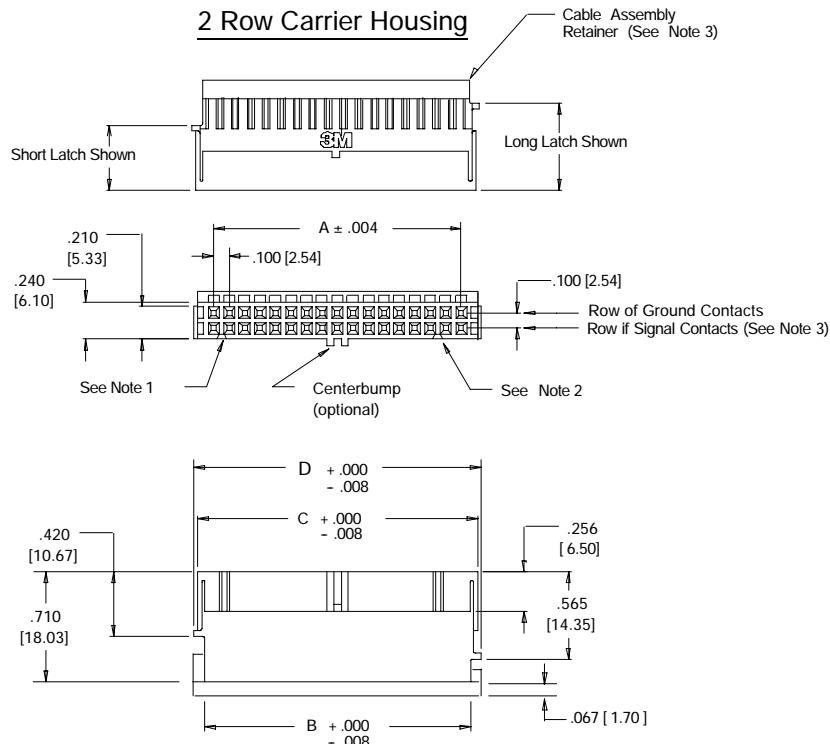
3M is a trademark of 3M Company.

For technical, sales or ordering information call

800-225-5373

Contact Quantity	Dimension A	Dimension B	Dimension C	Dimension D
06	0.20 [5.08]	0.41 [10.48]	0.32 [8.22]	0.46 [11.68]
08	0.30 [7.62]	0.51 [13.02]	0.42 [10.76]	0.56 [14.22]
10	0.40 [10.16]	0.61 [15.56]	0.52 [13.30]	0.66 [16.76]
12	0.50 [12.70]	0.71 [18.10]	0.62 [15.84]	0.76 [19.30]
14*	0.60 [15.24]	0.81 [20.64]	0.72 [18.38]	0.86 [21.84]
16*	0.70 [17.78]	0.91 [23.18]	0.82 [20.92]	0.96 [24.38]
20*	0.90 [22.86]	1.11 [28.26]	1.02 [26.00]	1.16 [29.46]
26*	1.20 [30.48]	1.41 [35.88]	1.32 [33.62]	1.46 [37.08]
30	1.40 [35.56]	1.61 [40.96]	1.52 [38.70]	1.66 [42.16]
34*	1.60 [40.64]	1.81 [46.04]	1.72 [43.78]	1.86 [47.24]
40*	1.90 [48.26]	2.11 [53.66]	2.02 [51.40]	2.16 [54.86]
50*	2.40 [60.96]	2.61 [66.36]	2.52 [64.10]	2.66 [67.56]
60	2.90 [73.66]	3.11 [79.06]	3.02 [76.80]	3.16 [80.26]
64*	3.10 [78.74]	3.31 [84.14]	3.22 [81.88]	3.36 [85.34]

*Tooled sizes



Notes:

1. Polarizing groove omitted for N = 6, N = 8.
2. Polarizing groove omitted for N = 6, N = 8, N = 10, N = 12, N = 14.
3. The "Normal" Retention Style is illustrated. For the "Reverse" Retention Style the Cable Assembly Retainer is flipped 180° end to end, and the "Signal" and "Ground" rows of contact are also reversed.

Inch
[mm]

Tolerance Unless Noted			
	.0	.00	.000
Inch	±.1	±.01	±.005

[] Dimensions for Reference only

Ordering Information

2 Row Carrier Housing

98XX-XXXX

Contact Qty
See Table 1

Carrier Style

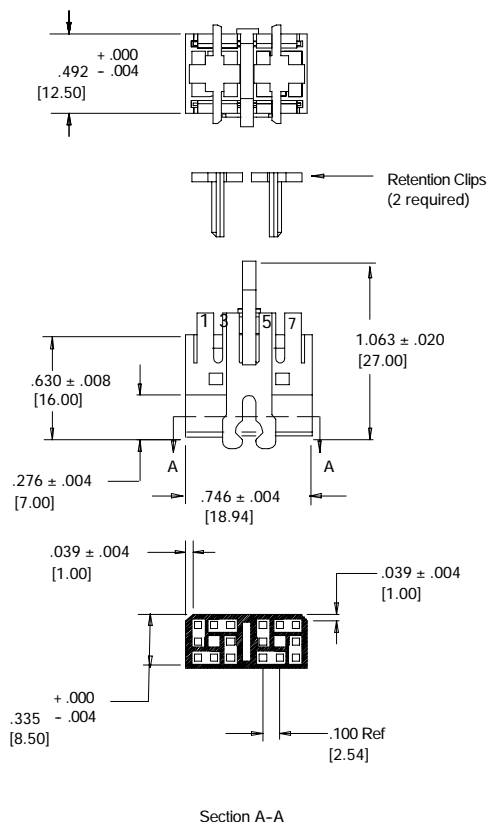
PS = Centerbump, Short Latches
NS = No Centerbump, Short Latches
PL = Centerbump, Long Latches
NL = No Centerbump, Long Latches

Molded Retention Feature

M0 = Normal
MR = Reverse

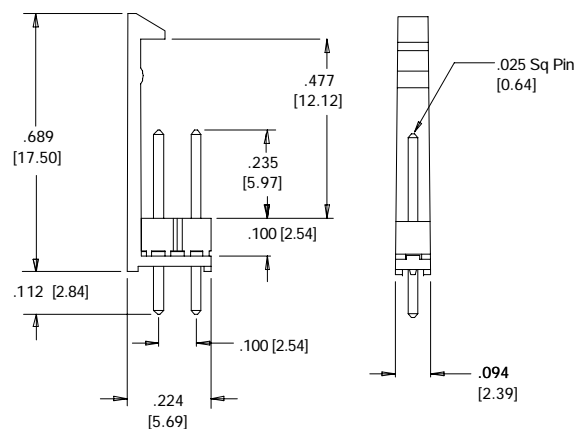
TS-0802-07
Sheet 2 of 3

3 x 7 Carrier Housing



Pin Strip with Latch

See Note 1



Inch
[mm]

Tolerance Unless Noted			
	.0	.00	.000
Inch	±.1	±.01	±.005

[] Dimensions for
Reference only

Notes:

1. Pin Strip Latch is for use with right angle SCI only.

Ordering Information

3 x 7 Carrier Housing
9821-5000

Pin Strip w/ Latch
2402-3505

4 x 35 Carrier
Housing w/Clamp
9835-X00X

1 = Long Ear
2 = Short Ear

Product Type
0 = SCI connector
1 = Monosignal removable

TS-0802-07
Sheet 3 of 3

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.



Electronic and Interconnect Solutions Division

6801 River Place Blvd.
Austin, TX 78726-9000
www.3M.com/eisd

Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture for a period of 1 year from the date of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.**