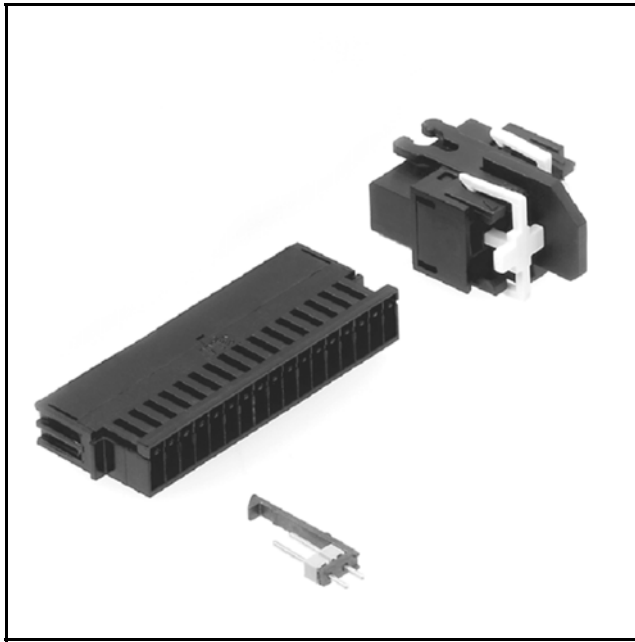


3M™ Shielded Controlled Impedance (SCI)

.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
- RoHS* compliant

Date Modified: August 10, 2006

TS-0802-08
Sheet 1 of 3

Physical

Insulation Material:

2 Row: Polycarbonate

3 Row: Glass Reinforced Polyester

Color: Black

Flammability: UL 94V-0

Marking: 3M Logo

*RoHS = Directive 2002/95/EC, Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment
"RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based upon information provided by third party suppliers to 3M.

3M™ Shielded Controlled Impedance (SCI)

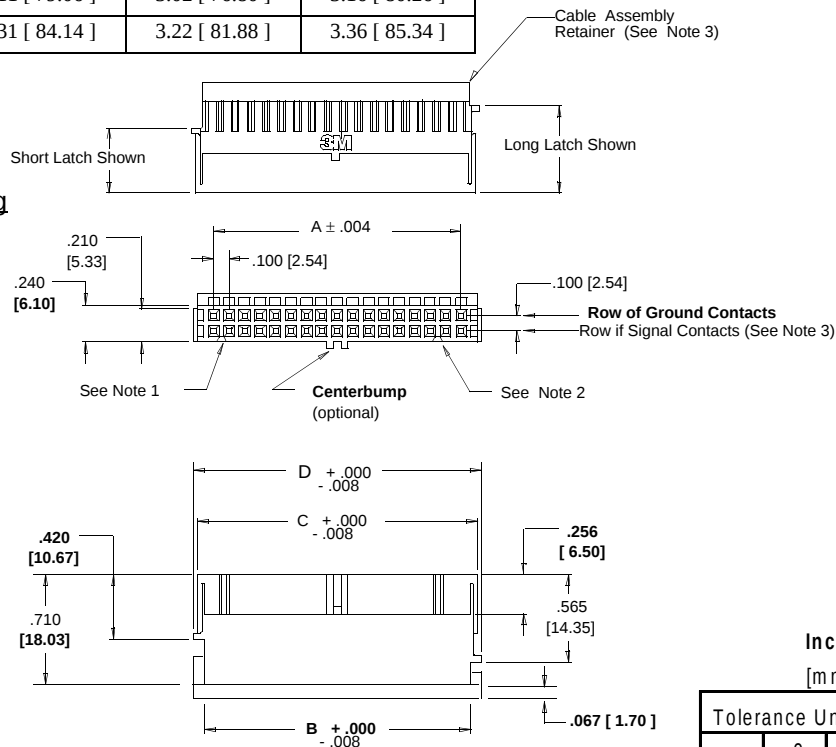
.100"

Assembly Hardware

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

2 Row Carrier Housing



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-0802-08
Sheet 2 of 3



Interconnect Solutions

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

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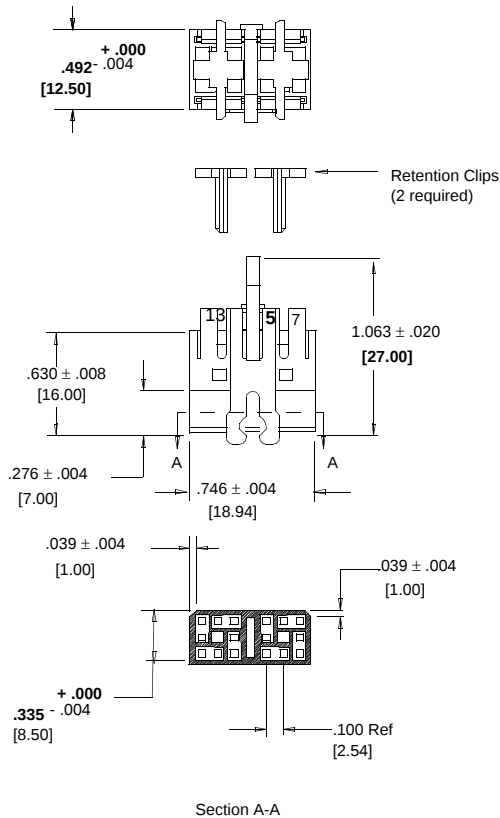
800-225-5373

3M™ Shielded Controlled Impedance (SCI)

.100"

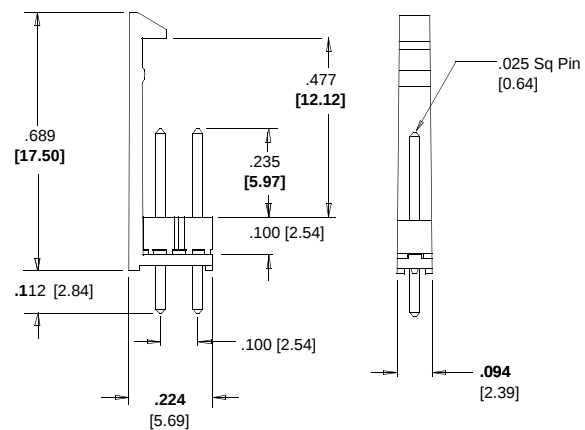
Assembly Hardware

3 x 7 Carrier Housing



Pin Strip with Latch

See Note 1



Note:

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

Inch

[mm]

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

[] Dimensions for Reference Only

Ordering Information

3 x 7 Carrier Housing
9821-5000

Pin Strip w/ Latch
2402-3505 RC

TS-0802-08
Sheet 3 of 3



Interconnect Solutions

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