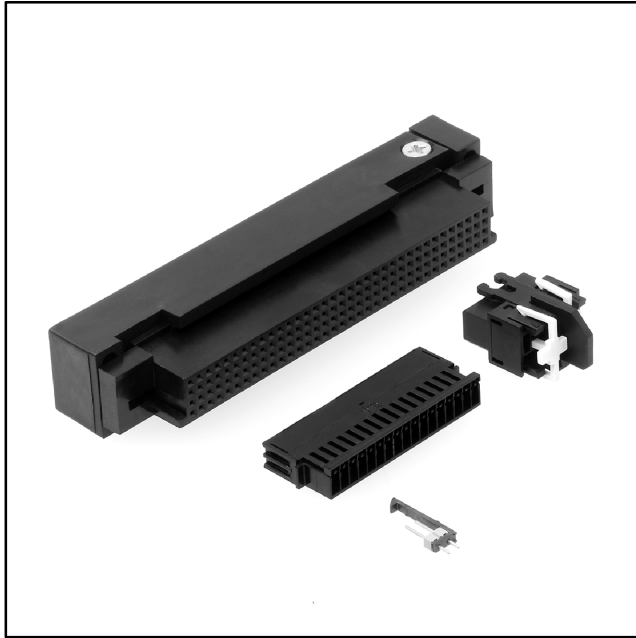


3M™ Shielded Controlled Impedance (SCI)

.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

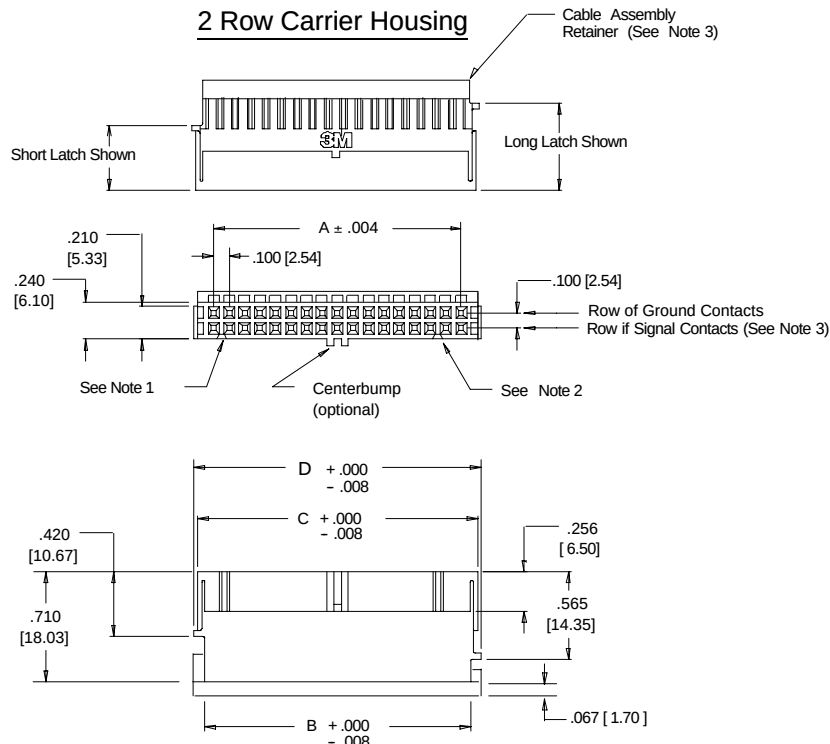
Flammability: UL 94V-0

Marking: 3M Logo

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



Inch
[mm]

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

[] Dimensions for Reference only

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.

Ordering Information

2 Row Carrier Housing

98XX-XXXX

Contact Qty
See Table 1

- Molded Retention Feature

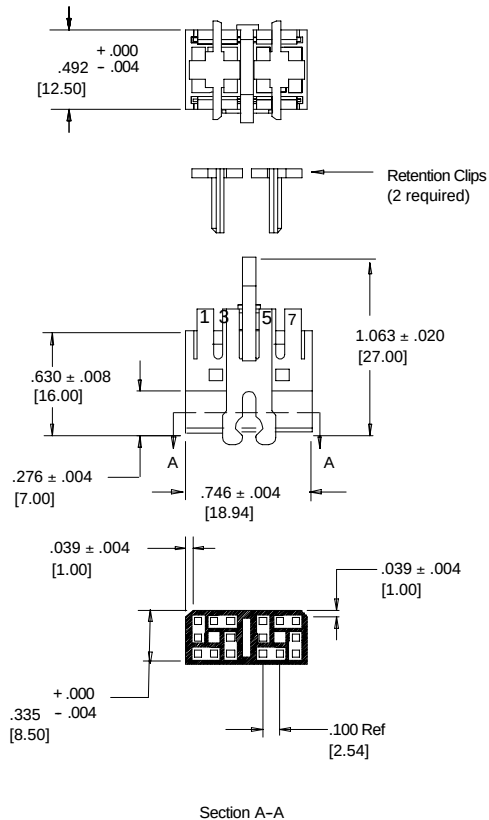
M0 = Normal
MR = Reverse

Carrier Style

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

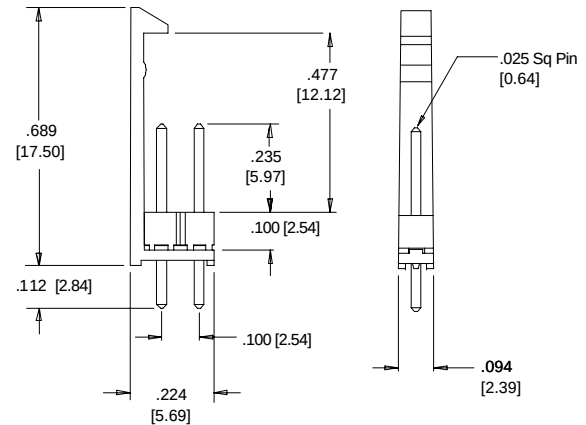
TS-0802-07
Sheet 2 of 3

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

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