



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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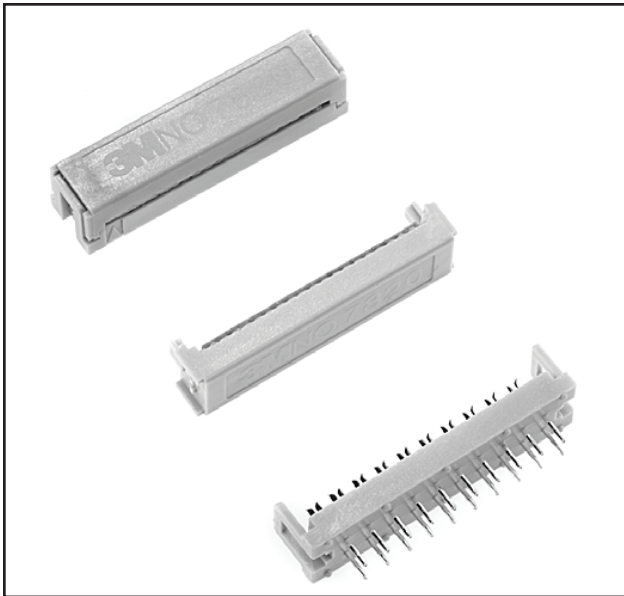
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



3M™ PCB

.100" × .100" Two Row

78XX Series



- Single connector termination reduces overall connector cost
- 7.3 mm terminated height for applications requiring low-profile off the board
- Solder bumps facilitate board cleaning
- Fits standard .100" x .100" header layout
- Uses less board area than 4-row design
- RoHS Compliant. See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3Mconnector.com for compliance information (RIA E1 & C1 apply)

Date Modified: July 14, 2011

TS-2104-B
Sheet 1 of 2

Physical

Insulation:

Material: Glass Filled Polyester

Flammability: UL 94V-0

Color: Gray

Contact

Material: Beryllium Copper

Plating

Underplating: 100 μ" [2.54 mm] Nickel

U Slot and Solder Tails: Gold Flash

Wire Accommodation 26 AWG Stranded, 28 AWG Solid or Stranded, 30 AWG Solid

Electrical

Current Rating: 1.0 A

Insulation Resistance: > 1,000 MΩ min. at 500_{VDC}

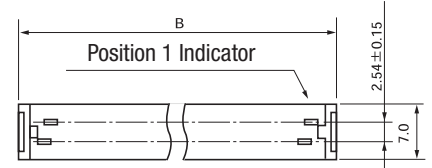
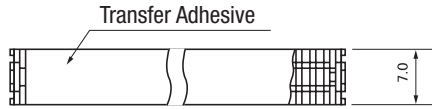
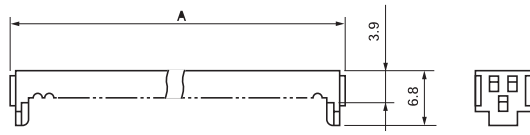
Withstanding Voltage: 1,000 V_{AC} for 1 minute

Environmental

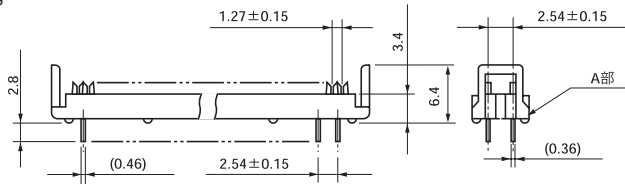
Temperature Rating: -55°C to +105°C

Process Rating: Wave solder only

UL File No.: E68080

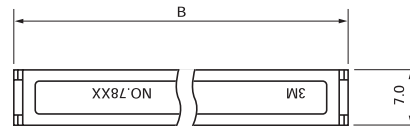


See Ordering Information

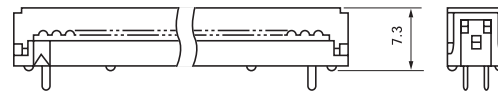
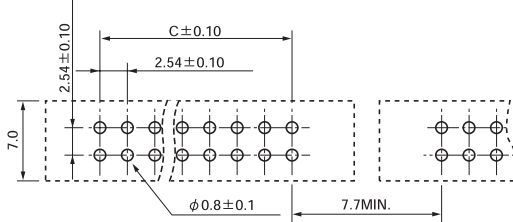


Solder Bump

Assembled Dimensions



Recommended Board Layout



Contact Quantity	A	B	C
10	17.4	17.8	10.2
14	22.5	22.9	15.2
16	25	25.4	17.8
20	30.1	30.5	22.9
26	37.7	38.1	30.5
30	42.8	43.2	35.6
34	47.9	48.3	40.6
40	55.5	55.9	48.3
50	68.2	68.6	61
60	80.9	81.3	73.7
64	86	86.4	78.7



Inch [mm]		
Tolerance Unless Noted		
	.0	.00
Inch	±.3	±.13

Ordering Information

78XX - 000XPR

Contact Quantity
See Table

Solder Tail Length:

0 = 2.8 mm

6 = 3.8 mm

Assembly Equipment: 3640 press (or equivalent), 3443-71 Locator Plate, 3442-9 Platen.

TS-2104-B
Sheet 2 of 2

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