



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!



## Contact us

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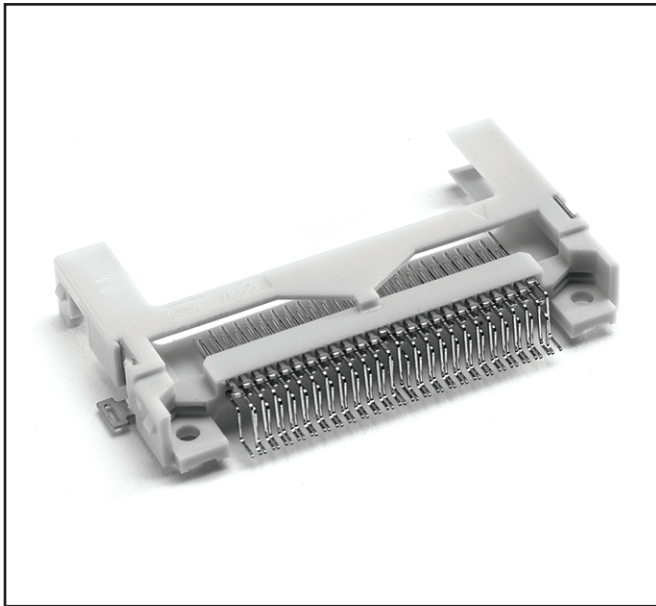
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# 3M™ CF Card Header

CompactFlash™ Type I, Surface Mount

7E50 Series



- Meets CFA standards
- Single row solder tails with 0.635 mm spacing
- Board component clearance with 1.64 mm standoff
- Ejector option for easy removal of CF Card
- Retainer clip option permits stability for mobile and high vibration applications
- RoHS Compliant. See the Regulatory Information Appendix (RIA) in the "RoHS Compliance" section of [www.3Mconnectors.com](http://www.3Mconnectors.com) for compliance information (RIA E1 and C1 apply)

Date Modified: July 25, 2014

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## Physical

### Insulation

Material: Liquid Crystal Polyester (LCP)

Flammability: UL 94V-0

Color: Beige

### Contact

Material: Copper Alloy

### Plating

Underplating: 100  $\mu$ " [ 2.54  $\mu$ m ] Nickel

Wiping Area: Gold flash over 80/20 Palladium Nickel, Lubricated (see Ordering Information)

Solder Tails: Gold flash (see Ordering Information)

**Marking** 3M Logo, Part Number on Ejector Only

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## Electrical

**Current Rating:** .5 A

Insulation Resistance:  $>1 \times 10^9 \Omega$  at 500 V<sub>DC</sub>,  $>1 \times 10^8 \Omega$  at 500 V<sub>DC</sub> after Environmental Conditioning

Withstanding Voltage: 500 V<sub>RMS</sub> at Sea Level

**Current Rating:** Insulation Resistance and Withstanding Voltage

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## Environmental

**Temperature Rating:** -55°C to +85°C

**Process Rating:** 260°C (per J-STD-020C)

UL File No.: E68080

CompactFlash is a registered trademark of Sandisk Corporation.

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**3M**

Electronic Solutions Division  
Interconnect Solutions  
<http://www.3Mconnectors.com>

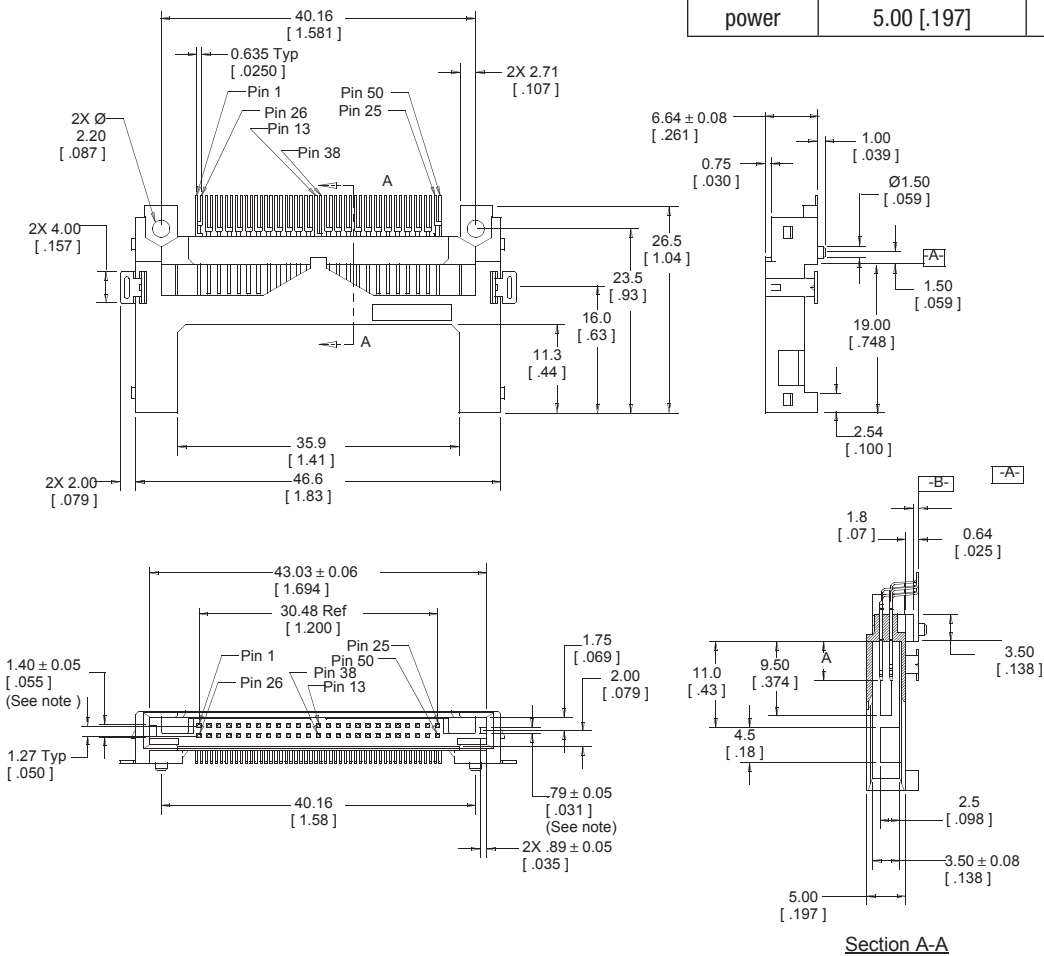
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For technical, sales or ordering information call  
**800-225-5373**

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Pin Type	Interface Dim A	Pin No.
detect	3.50 [.138]	25, 26
general	4.25 [.167]	all other pins
power	5.00 [.197]	1, 3, 38 & 50



**Note:** Normal (Option "7") style shown. For inverse style rotate polarization keys and pin call outs 180°.

Tolerance Unless Noted		
	mm	inch
	.0	.00
mm	±.3	±.15

[ ] Dimensions for Reference only

## N7E50-X516XX-20-XX (RIA E1 & C1 apply)

Options: CF Card Polarization  
 7 = Normal  
 A = Inverse

Options: T&R  
 WF = 72 mm

Plating:

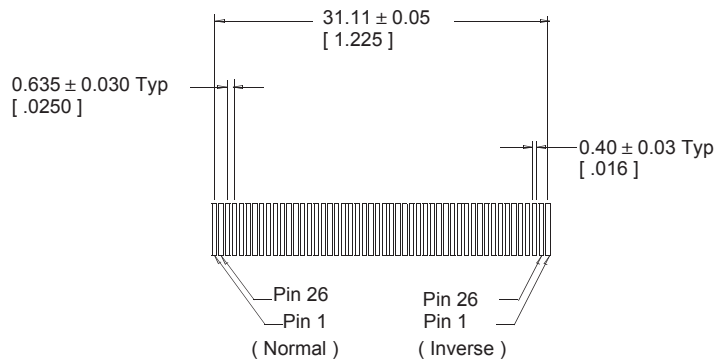
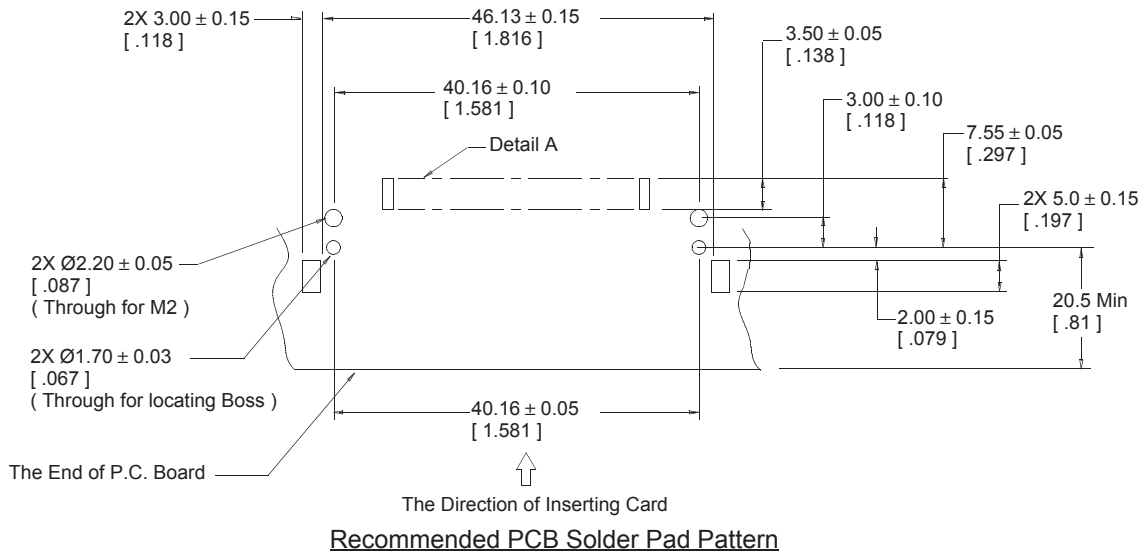
PG = Au Flash over 25 μm [0.64 μm] PdNi Lubricated with Au Flash tails  
 PK = Au Flash over 20 μm [0.5 μm] PdNi Lubricated with Au Flash tails

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# 3M™ CF Card Header

CompactFlash™ Type I, Surface Mount

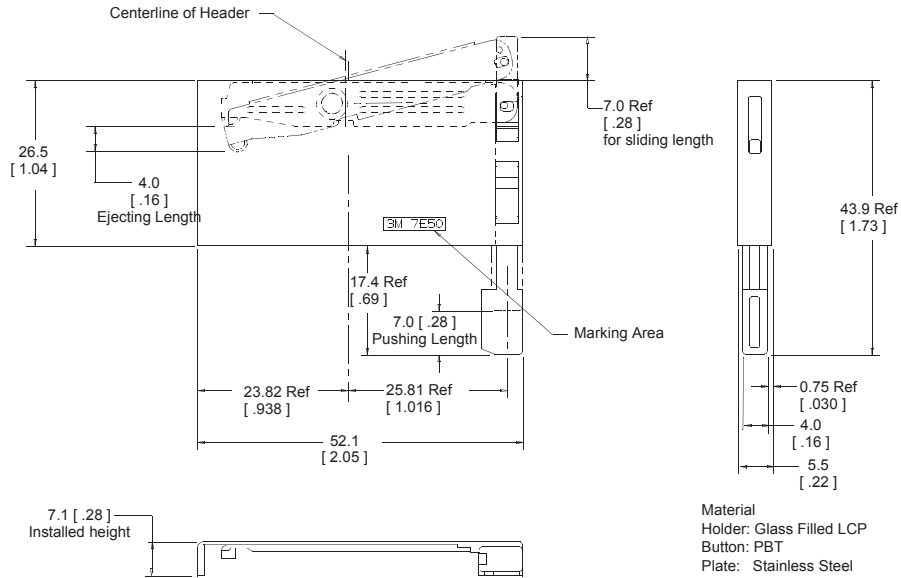
7E50 Series



**Detail A**

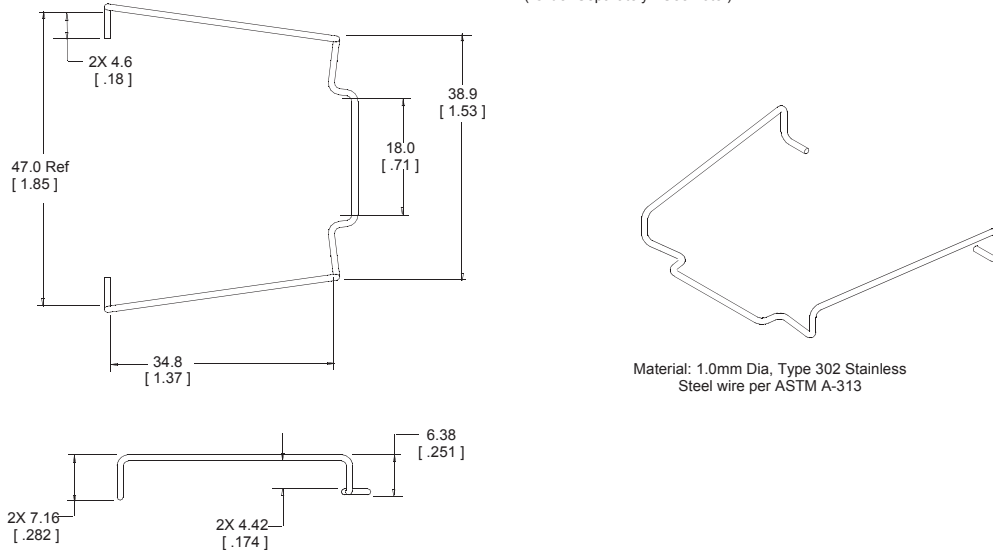
### Right Button Ejector 3M Part **D7E50-7316-03**

( Order Separately - See note )



### CF Card Retainer Clip 3M Part **3505-34**

( Order Separately - See note )



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