



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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# 3M™ Wiremount Socket

.125" × .125" Discrete Wire Version, 50 Position Backplane Connector



- Special holes secure shroud to back panel pins
- Optional keying strip 3439-5650 allows keying without pin loss
- Header side walls provide polarization
- Optional 3505-5 latch provides socket retention
- RoHS\* compliant

Date Modified: January 25, 2011

TS-0099-B  
Sheet 1 of 3

## Physical

### Insulation

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Gray

### Contact

Material: Copper Alloy

### Cover Retention Clip

Material: Stainless Steel

### Plating:

Underplating and U-Slot: 100  $\mu$ " [ 2.54  $\mu$ m ] Nickel

Wiping Area: 30  $\mu$ " [ 0.76  $\mu$ m ] Gold

Wire Accommodation: 26 and 28 AWG Solid or Stranded

Marking: 3M Logo, Part Identification Number, and Orientation Triangle

## Electrical

Current Rating: 1 A

Insulation Resistance:  $> 1 \times 10^9 \Omega$  at 500 V<sub>DC</sub>

Withstanding Voltage: 1000 V<sub>rms</sub> at Sea Level

## Environmental

Temperature Rating: -55°C to +105°C

"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.

UL File No.: E68080



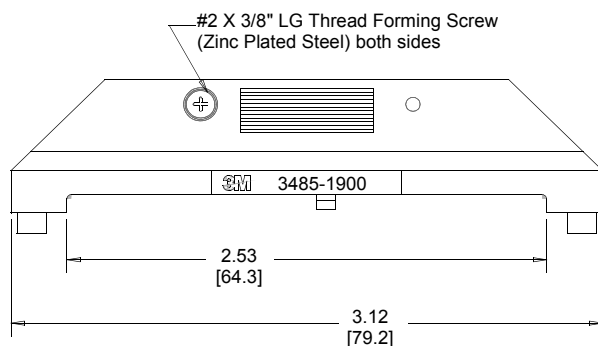
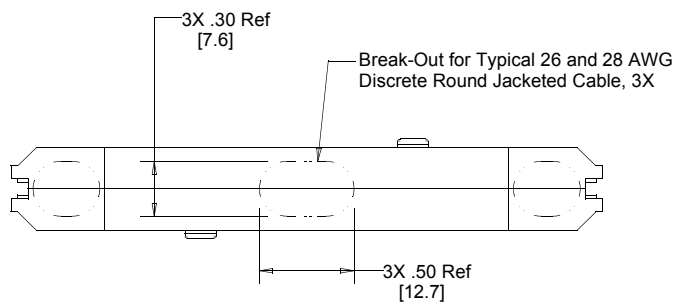
Interconnect Solutions

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

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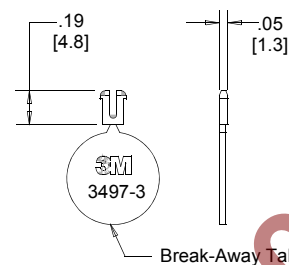
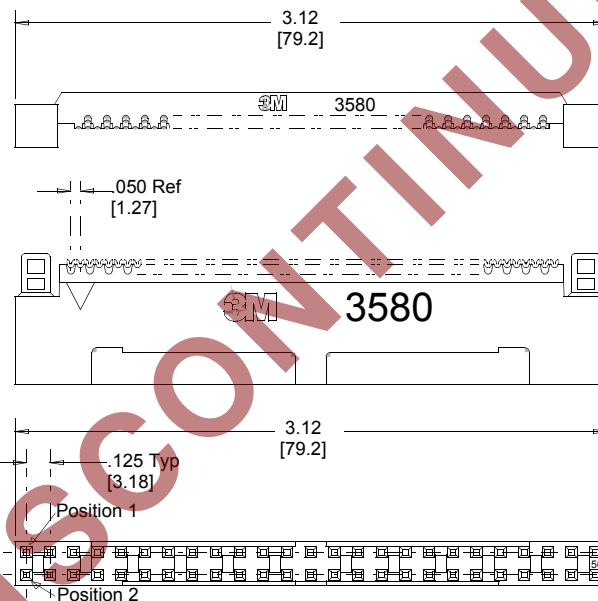
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.125" × .125" Discrete Wire Version, 50 Position Backplane Connector



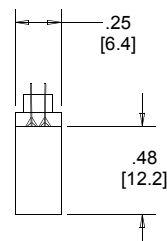
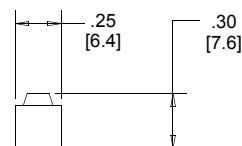
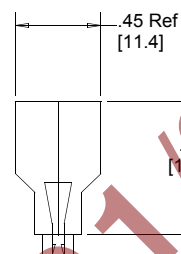
## Optional Junction Shell 3M Part No. 3485-1900

Material: Gray Polyester (PBT)



## Optional Keying Plug 3M Part No. 3497-3

Material: Gray Polyester (PBT)



Inch  
[mm]

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

[ ] Dimensions for Reference Only



## Ordering Information

Junction Shell  
3485-1900

Socket  
3580-1000

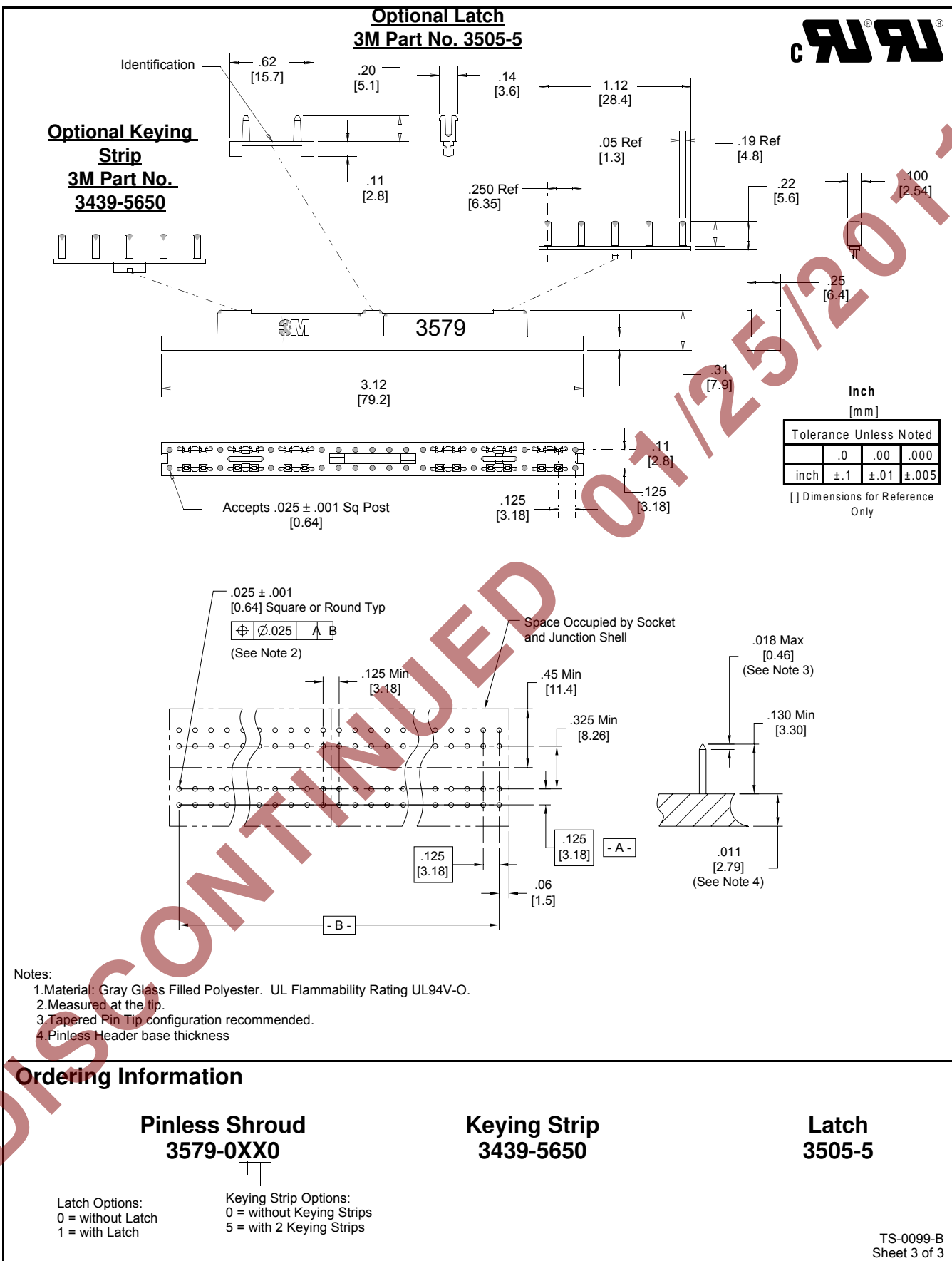
Keying Plug  
3497-3

TS-0099-B  
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Minimum 10%  
Post-Consumer Fiber

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