



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

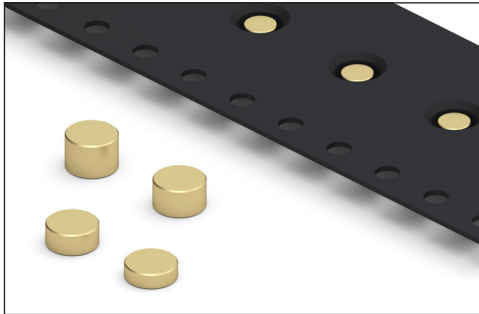
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



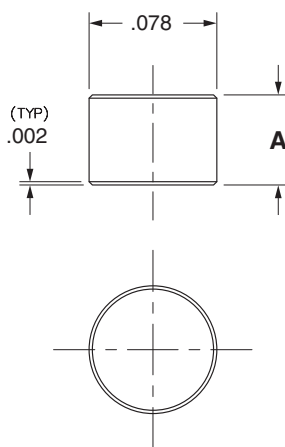
# SPRING-LOADED CONNECTORS

## SERIES 1578 • UNIQUE LOW PROFILE TARGET DISCS • SURFACE MOUNT

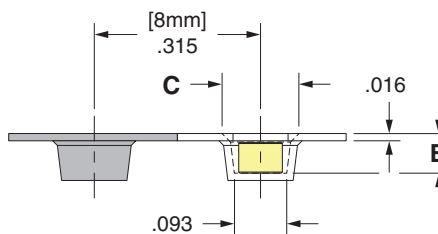


- The 1578-X-57-15-00-00-03-0 Surface mount disc is .078" in diameter and available in four heights from .025" to .055" +/- .002" tall. Employing our precision machining expertise we are able to achieve flat surfaces on both sides of the disc with virtually no burrs. The flat surfaces are ideal for surface mount soldering and as the conductive mating surface for spring loaded pins and connectors as well as test probes. The discs are typically placed on solder pasted PCB pads and then subjected to reflow soldering. Once soldered the terminals are ready to be used as reliable, durable contact points.
- The 1578-X's are packaged on tape & reel - 16 mm wide x 8 mm pitch, making them simple to integrate into existing pick & place equipment and assembly processes. The tape packaging is per EIA-481-D
- Custom sizes are quickly and easily achievable via Mill-Max's high speed precision machining processes. You can contact our technical support team to discuss your particular application and requirements.

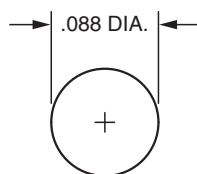
Series 1578 (Target Disc)



Series 1578 (Tape Pocket Details)



Series 1578 (Suggested footprint layout)



### ORDERING INFORMATION

#### Series 1578 (Tape & Reel Packaged)

1578-X-57-15-00-00-03-0

Specify contact style 0-3

| Contact Style | Target Disc Height (A) | Tape Pocket Depth (B) | Tape Pocket Opening (C) | Quantity per Reel |
|---------------|------------------------|-----------------------|-------------------------|-------------------|
| 0             | .025                   | .035                  | .120                    | 7,200             |
| 1             | .035                   | .045                  | .130                    | 6,000             |
| 2             | .045                   | .055                  | .131                    | 5,125             |
| 3             | .055                   | .065                  | .133                    | 4,000             |

XX=Plating Code  
See Below

For  
Electrical, Mechanical  
& Environmental Data,  
See page 264

SPECIFY PLATING CODE XX=

15

Pin Plating



10 μ" Au

#### SPECIFICATIONS:

**Pin Material:** Brass Alloy 385 or 360, 1/2 Hard

**Dimensions:** Inches

**Tolerances On:** Lengths: ± .002  
Diameters: ± .001  
Angles: ± 2°

RoHS-2  
2011/65/EU

