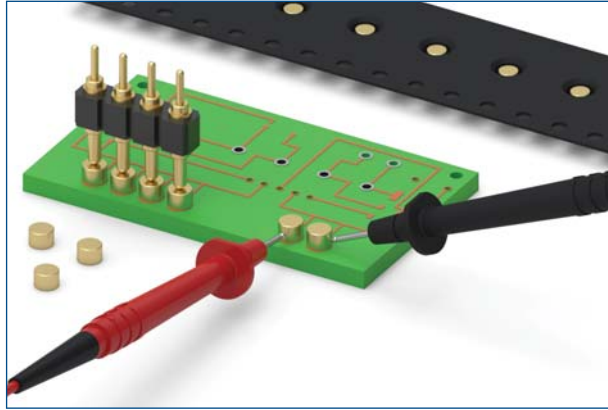


MAXIMUM SOLUTIONS

Mill-Max Introduces Unique Low Profile SMT Target Discs



Mill-Max is excited to announce a new addition to its family of spring pin mating products. This low profile SMT disc shaped terminal is perfect for applications where vertical space is at a premium.

The new [1578-3-57-15-00-00-03-0](#) SMT disc is .078" (1,98 mm) in diameter and only .055" +/- .002" (1,4 mm +/- 0,0508 mm) 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 1578-3's are packaged on tape & reel – 16 mm wide x 8 mm pitch, 4,000 parts per reel – making them simple to integrate into existing pick & place equipment and assembly processes. The tape packaging is per EIA-481-D.

These SMT target discs are machined from brass and come standard with a 10 u" hard gold finish with a nickel under-plate. Custom sizes are quickly and easily achievable via Mill-Max's high speed precision-machining processes. Other plating options, such as thicker gold or other materials, are also available. You may contact our technical support team to discuss your particular application and requirements.

For more information, please visit: www.mill-max.com/PR663.

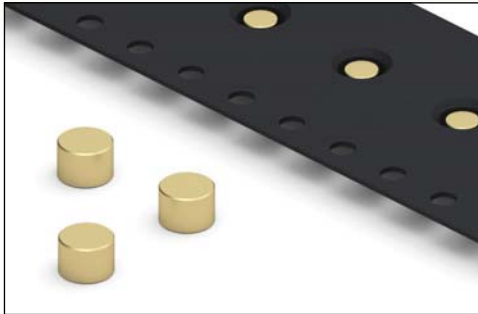
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516-922-6000 • Fax: 516-922-9253 • www.mill-max.com

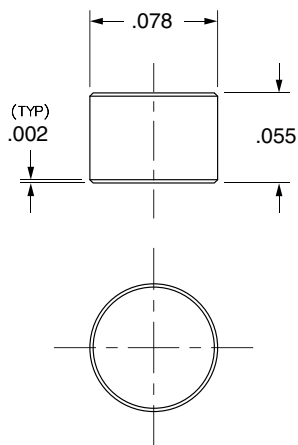


SPRING-LOADED CONNECTORS

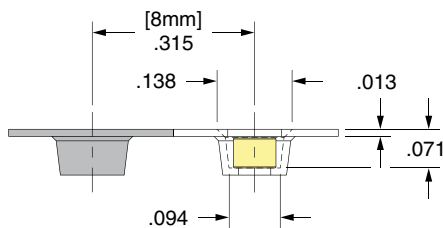
SERIES 1578 • UNIQUE LOW PROFILE TARGET DISCS • SURFACE MOUNT



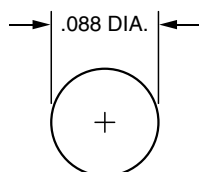
Series 1578 (Target Disc)



Series 1578 (Tape Pocket Details)



Series 1578 (Suggested footprint layout)



- The 1578-3-57-15-00-00-03-0 SMT disc is .078" in diameter and only .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 1578-3's are packaged on tape & reel - 16 mm wide x 8 mm pitch, 4,000 parts per reel, 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.

ORDERING INFORMATION

Series 1578 (Tape & Reel Packaged)

1578-3-57-15-00-00-03-0

1578 Tape & Reel packaging: 4,000 parts per 13" Reel

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 360, 1/2 Hard

Dimensions: Inches

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

RoHS-2
2011/65/EU



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