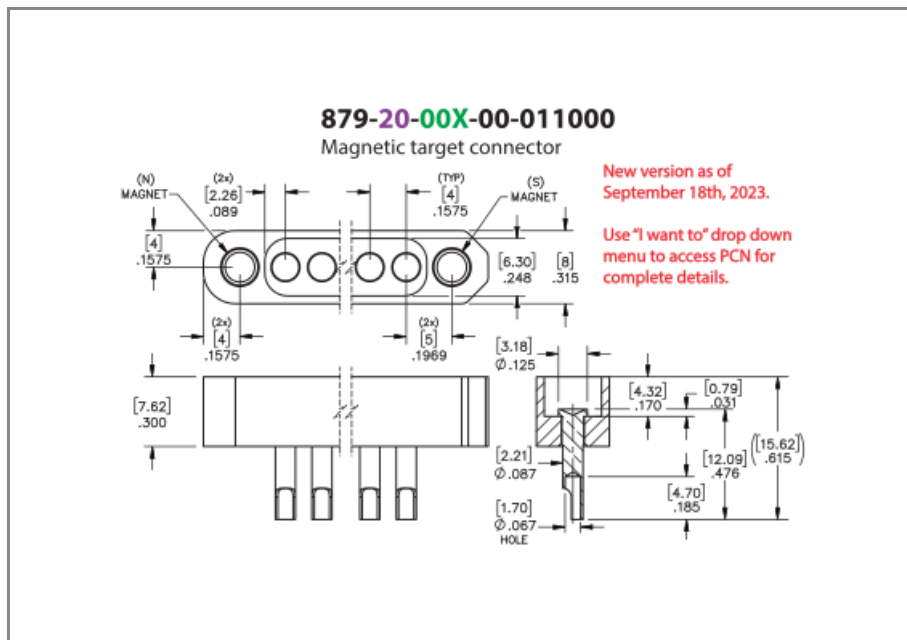




PRODUCT NUMBER: 878-20-003-00-011000

www.mill-max.com
DATA SHEET



General Info	
1 Description:	Wire Termination Target Pad Header Magnetic Vertical Mount Soldercup; Concave Face
Target Face Type:	Concave Face
Type:	Mating Target
Category:	Maxnetic® Pad Connector
Mounting Style:	Mounting Tabs with Magnetic Inserts
Tail Type:	Soldercup Tail
# Pins:	3
2 Packaging:	Packaged in Box or Tube
Qty Tube:	19
Rows:	Single Row
ECCN:	Contact Factory
HTSUS:	8536.90.4040
Product Lifecycle:	Discontinued
Country Of Origin:	USA

878-20-003-00-011000- SPECIFICATIONS

Environmental Specs	
Temperature Range:	-55/+80° C
3 RoHS:	Yes
Moisture Sensitivity Level (MSL):	1 (Unlimited)
REACH Status:	REACH Unaffected
Materials	
Shell Plating:	20 μ" Gold over 100 μ" Nickel
Inner Plating:	10 μ" Gold over 50 μ" Nickel
Insulator Material:	FR-4 (Black)
Technical Specs	
Pitch:	.158" (4,001mm)
Electrical Specs	
Rated Voltage:	100 VRMS/150 VDC
Insulation Resistance:	10,000 MΩ min.
Dielectric Withstanding Voltage:	1,000 VRMS min.

NOTES:

1. Standard Tolerances

Assembly tolerance: +/- .010" (.25mm)

Connector Length "L"

Connector Length "L"	Tolerance
L ≤ 2" (L ≤ 50.8 mm)	+/- .005" (+/- .127 mm)
2< L ≤ 3" (50.8 < L ≤ 76.2 mm)	+ .007 / - .006" (+ .178 / -.152 mm)
3< L ≤ 4" (76.2 < L ≤ 101.6 mm)	+ .009 / - .007" (+ .229 / -.178 mm)
4< L ≤ 5" (101.6 < L ≤ 127 mm)	+ .011 / - .008" (+ .279 / -.203 mm)
5< L ≤ 6.4" (127 < L ≤ 162.56 mm)	+ .013 / - .009" (+ .330 / -.229 mm)

Insulator width: +/- .005 (.13mm)

Insulator height: +/- .005 (.13mm)

Co-planarity of SMT connectors: .005" (.13mm) up to 1" (25.4mm) in connector length

Insulator Flatness: .005" (.13mm) up to 1" (25.4mm) in connector length

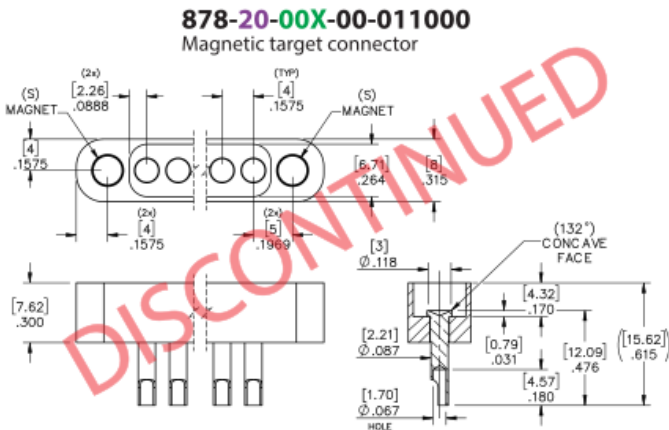
Pin Length: +/- .005 (.13mm)

Pin Diameter: +/- .002 (.051mm)

Pin Angle: +/- 2°

2. Not all part numbers in the series may be packaged in tubes. Some specific part numbers may be packaged in a box.
3. Mill-Max products labeled with the RoHS symbol are compliant with all three ROHS Directives. All of our products previously described as RoHS (2002/95/EC) and RoHS-2 (2011/65/EC) are also compliant with RoHS-3 (2015/863/EU).

ADDITIONAL PARTS, PACKAGING & ASSEMBLY INFO



ADDITIONAL NOTES AND SPECIFICATIONS

In the interest of improved design, quality and performance , Mill-Max reserves the right to make changes in its specifications without prior notice. Specifications and tolerances are provided wherever possible. The tolerance on dimensions of critical to function features is typically held tighter than the stated standard tolerances, such as press-fits, holes and lengths affecting the coplanarity of SMT products. Due to the wide variety of interconnects Mill-Max offers, the specific tolerances vary from product to product. If you need information regarding the tolerance of a particular part, please contact Technical Services.

RELATED LINKS AND DOCUMENTS

- Product Detail: [878-20-003-00-011000 - PCB Mount Target Header](#)
- Engineering Notebook: [Introduction to Spring-Loaded Pogo Pins & Connectors](#)
- Environmental Compliance: <https://www.mill-max.com/rohs>