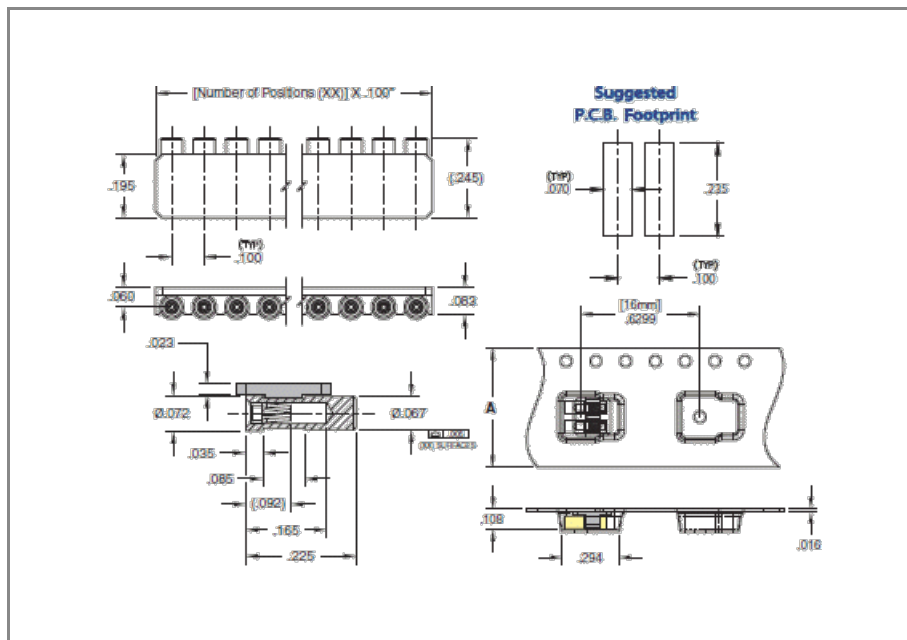




PRODUCT NUMBER: 835-43-004-40-030001

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DATA SHEET



General Information	
1 Product Lifecycle:	Active
Product Family:	PCB Connector
Type:	Machined Pin Socket
2 Description:	Horizontal Mount Socket
Description2:	Accepts .015" - .025" (0,38 - 0,635 mm) dia leads
Pitch:	.100" (2,540mm)
Number of Pins:	4
Head Type:	N/A
Tail Type:	N/A
3 Operating Temperature Range:	-55/+125° C
Country of Origin:	USA
4 ROHS:	Yes

835-43-004-40-030001 - SPECIFICATIONS

Product Attributes	
5 Plating Code:	43 - shell: 200 μ" Tin (matte finish) over 100 μ" Nickel - inner contact: 30 μ" Gold over 50 μ" Nickel
Insulator Material:	Nylon 4/6
Rows:	Single Row
Frame Type:	N/A
Contact Number:	30 - Standard 4 Finger Contact
Mounting Tab:	N/A

Key Dimensions	
Accepting Lead Range:	.015"-.025" (0,381-0,635mm)
Above Board Height:	.090" (2,286mm)
Head Diameter:	N/A
Insulator Height:	.023" (0,584mm)
Tail Diameter:	N/A
Tail Length:	N/A

Electrical Specifications	
6 Current Rating:	3 Amps
Contact Resistance:	10.00mΩ Max
Insulation Resistance:	10,000 MΩ min.
Rated Voltage:	100 VRMS/150 VDC
Dielectric Withstanding Voltage:	1,000 VRMS min.

Mounting Specifications	
Mounting Type:	Surface Mount
Mounting Hole:	N/A
Mounting Tab:	N/A
SMT Pad Size:	Rectangular - 0.235" X 0.070" (5,969mm X 1,778mm)

Packaging Information	
7 Packaging:	Tape & Reel
Tape Width:	24mm
Quantity Per Reel:	1,450

Environmental & Export Classifications	
REACH Status:	REACH Unaffected
ECCN:	Contact Factory
HTSUS:	8536.90.4040
Cage Code:	3N087
Moisture Sensitivity Level (MSL):	1 (Unlimited)
Prop 65:	N
Static Sensitive:	N

NOTES:

- Part is Active and in Production, No Scheduled Obsolescence
- 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°
- Per IEC 60512-11-(4,-9,-10,-12)
- 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).
- Shell Plating: 200 μ" Tin (matte finish) over 100 μ" Nickel
 Contact/Clip Plating: 30 μ" Gold over 50 μ" Nickel
- Per IEC 60512-5-1, Current Carrying Capacity (evaluated at 10° C Temp. Rise)
- 13" (330 mm) Reel

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: [835-43-004-40-030001 - Horizontal Mount Socket](#)
- Environmental Compliance: <https://www.mill-max.com/rohs>