PRODUCT NUMBER: 342-90-126-00-592000

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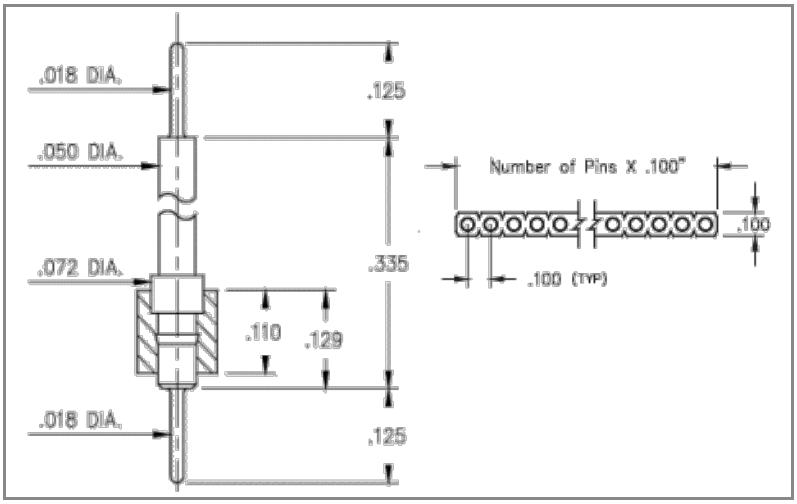
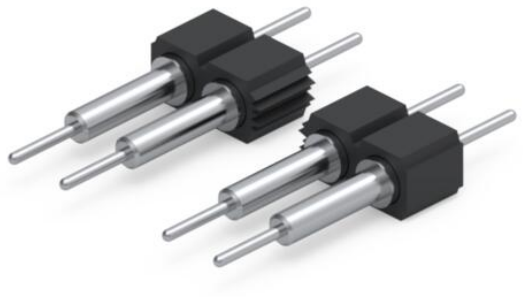
DATA SHEET





342-90-126-00-592000- SPECIFICATIONS

General Info	
Description[1]:	Board Stacking Pin Header .018" (0,457mm) Pin Head
Type:	Interconnect
Category:	Machined Pin Header
Mounting Style:	Through Hole Solder Mount
# Pins:	26
RoHS:	No
Product Lifecycle:	Active

Materials	
Shell Plating:	200 µ" Tin/Lead(93/7) over 100 µ" Nickel
Inner Plating:	
Loose Pin/Receptacle Used:	4259 (Brass Alloy)
Insulator Material:	PCT

Technical Specs	
Temperature Range[2]:	-55/+125° C
Pitch:	.100" (2,540mm)
Rows:	Single Row (1)

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. Per IEC 60512-11-(4,-9,-10,-12)

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

Engineering Notebook: (https://www.mill-max.com/engineering-notebooks/machined-pin-pcb-connectors-interconnects)
Environmental Compliance: (https://www.mill-max.com/rohs)