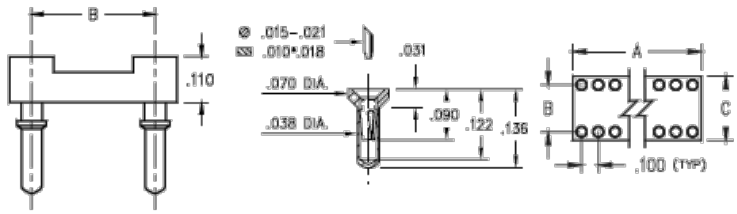
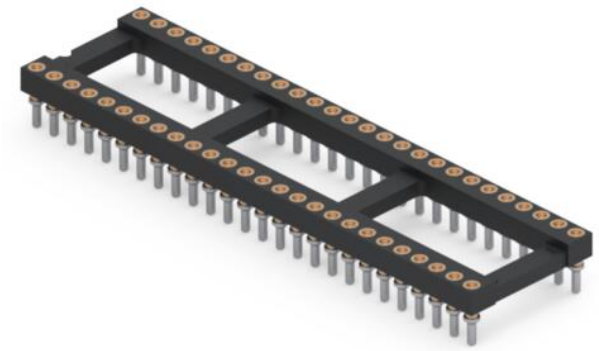
PRODUCT NUMBER: 614-43-652-31-002000

www.mill-max.com
DATA SHEET





General Info	
Description[1]:	Plastic DIP Carrier with Ultra Low Profile Receptacles
Type:	DIP
Category:	Dual In Line Receptacle Carrier Socket
# Pins:	52
Packaging:	Packaged in Tubes
Qty Tube:	7
Frame Type:	Open Frame
ECCN:	Contact Factory
HTSUS:	8536.90.4040
Product Lifecycle:	Active
Country Of Origin:	USA

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614-43-652-31-002000- SPECIFICATIONS

Environmental Specs	
Temperature Range[2]:	-55/+125° C
RoHS[3]:	Yes
Moisture Sensitivity Level (MSL):	1 (Unlimited)
REACH Status:	REACH Unaffected

Materials	
Loose Pin/Receptacle # (Material):	0442 (Brass Alloy)
Shell Plating:	200 µ" Tin (matte finish) over 100 µ" Nickel
Inner Contact #:	11
# Contact Fingers:	3
Inner Contact Material:	Beryllium Copper
Inner Contact Plating:	30 µ" Gold over 50 µ" Nickel
Insulator Material:	High Temp Thermoplastic

Technical Specs	
Pitch:	.100" (2,540mm)
A Dim:	1.200" (30,480mm)
B Dim:	.600" (15,240mm)
C Dim:	.700" (17,780mm)

NOTES:

1. Standard Tolerances:
   Assembly tolerance: +/-.010" (.25mm)
   Insulator length: +/-.005 (.13mm)
   Insulator width: +/-.005 (.13mm)
   Insulator height: +/-.005 (.13mm)
   Pin Length: +/-.005 (.13mm)
   Pin Diameter: +/-.002 (.051mm)
   Pin Angle: +/-2°
   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
2. Per IEC 60512-11-(4,-9,-10,-12)
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).

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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: **How to Use Pin Receptacle Carriers**
- Environmental Compliance: https://www.mill-max.com/rohs

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