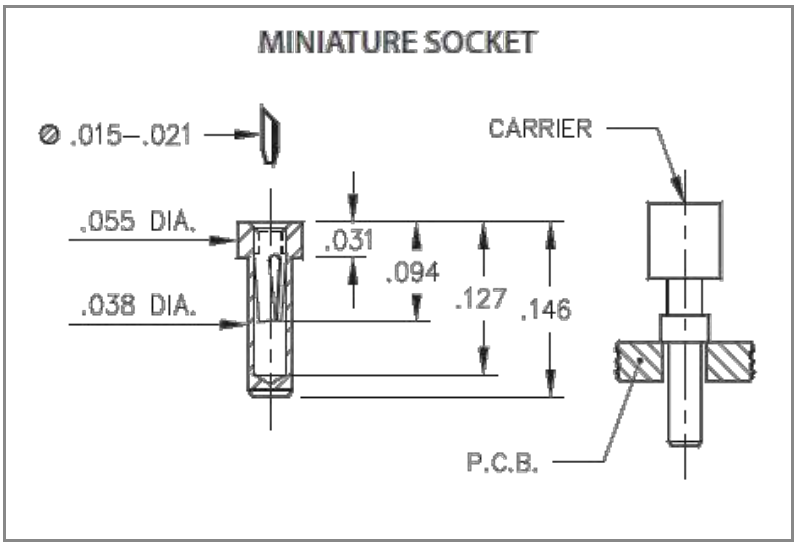
PRODUCT NUMBER: 614-93-238-19-086007

www.mill-max.com
DATA SHEET



General Info	
Description[1]:	Miniature
Type:	PGA
Category:	Pin Grid Array Carrier
Mounting Style:	Through Hole Solder Mount
# Pins:	238
Packaging[2]:	Packaged in Box or Tube
ECCN:	Contact Factory
HTSUS:	8536.90.4040
Country Of Origin:	USA

614-93-238-19-086007- SPECIFICATIONS

Environmental Specs	
Moisture Sensitivity Level (MSL):	1 (Unlimited)
REACH Status:	REACH Unaffected

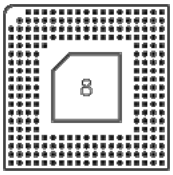
Materials	
Loose Pin/Receptacle # (Material):	1407 (Brass Alloy)
Shell Plating:	200 µ" Tin/Lead(93/7) over 100 µ" Nickel
Inner Contact #:	21
# Contact Fingers:	3
Inner Contact Material:	Beryllium Copper
Inner Contact Plating:	30 µ" Gold over 50 µ" Nickel
Insulator Material:	High Temp Thermoplastic

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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. Not all part numbers in the series may be packaged in tubes. Some specific part numbers may be packaged in a box.

ADDITIONAL PARTS, PACKAGING, & ASSEMBLY INFO



238-19-086

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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