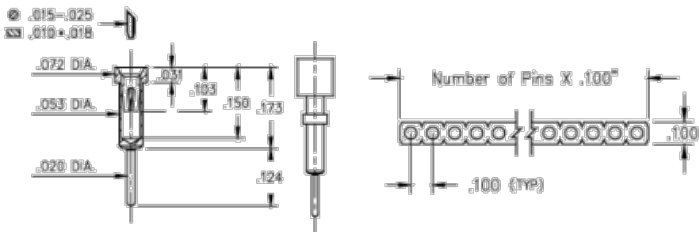




PRODUCT NUMBER: 712-93-240-41-001000

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DATA SHEET



General Info

Description ¹ :	Plastic Carrier with Solder Tail Receptacles
Type:	Interconnect
Category:	Single In Line Receptacle Carrier Socket
Mounting Style:	Through Hole Solder Mount
# Pins:	40
Packaging ² :	Packaged in Box or Tube
Rows:	Double Row
ECCN:	Contact Factory
HTSUS:	8536.90.4040
Product Lifecycle:	Active
Country Of Origin:	USA

712-93-240-41-001000- SPECIFICATIONS

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

Materials	
Loose Pin/Receptacle # (Material):	0255 (Brass Alloy)
Shell Plating:	200 μ" Tin/Lead(93/7) over 100 μ" Nickel
Inner Contact #:	30
# Contact Fingers:	4
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)

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. 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: [How to Use Pin Receptacle Carriers](#)
- Environmental Compliance: <https://www.mill-max.com/rohs>