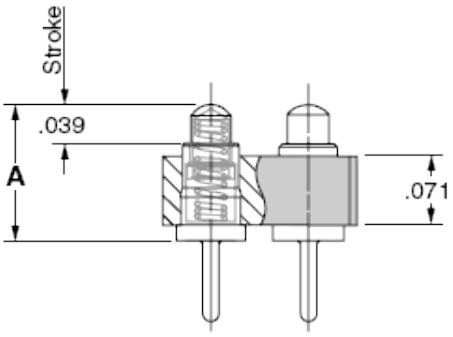
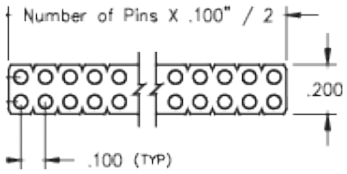
MILL-MAX MAXIMUM CONNECTIONS

DATA SHEET

Product Number: 823-22-028-10-000101





Description:
Interconnect Header
Spring-Loaded Header
Initial Height of .137
Double Row
Through Hole
Plating Code:
22
Shell Plating:
20 µ" Gold over 100 µ" Nickel
Packaging:
Packaged in Bulk

# Of Pins	A	B	Mill-Max Part Number	RoHS Compliant
28	0.137	0.039	823-22-028-10-000101	RoHS 2002/95/EC

LOOSE PIN:
Pin Used: 0906 (Brass Alloy)

BRASS ALLOY (UNS C36000) per ASTM B 16

Properties of BRASS ALLOY:

- Chemical composition: Cu 61.5%, Zn 35.4%, Pb 3.1%†
- Hardness as machined: 80-90 Rockwell B
- Density: .307 lbs/in3
- Electrical conductivity: 26% IACS*
- Melting point: 900°C/885°C (liquidus/solidus)

†(3 to 4% lead is used to permit "free machining" and is permitted by EC Directive 2002/95Annex 6; so all pin materials are RoHS compliant)

*International Annealed Copper Standard, i.e. as a % of pure copper.

INSULATOR INFORMATION:

NYLON 46 (Stanyl TE250F6 {30% glass} or TE250F9 {45% glass}, black)

High Temperature

Properties of NYLON 46:

- Brand: Stanyl
- Grade: TE250-F6 or F9
- Material Heat Deflection Temp. (per ASTM D 648): 554°F (290°C) @ 264 psi

Note: Materials above 446°F (230°C) are considered suitable for "eutectic" reflow soldering, above 500°F (260°C) for

"lead-free" reflow soldering.