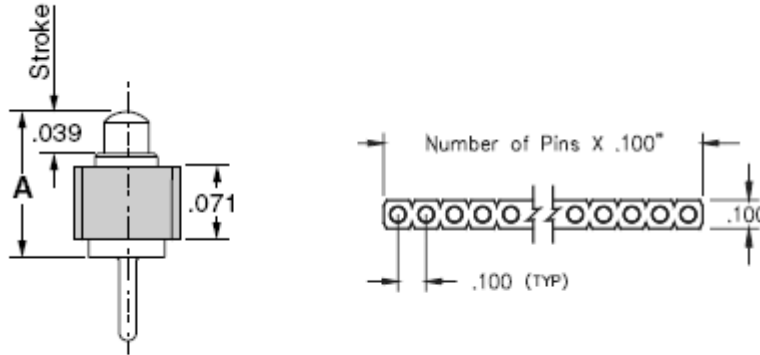


Product Number: 821-22-064-10-000101



Description:

Interconnect Header
 Spring-Loaded Header
 Initial Height of .137
 Single Row
 Through Hole
 Accepts .015-.025" Leads

Plating Code:

22

Shell Plating:

20 μ" Gold over 100 μ" Nickel

# Of Pins	A	B	Mill-Max Part Number	RoHS Compliant
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64	0.137	0.039	821-22-064-10-000101	
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INSULATOR INFORMATION:

PCT Polyester, (Thermx CG933, black)

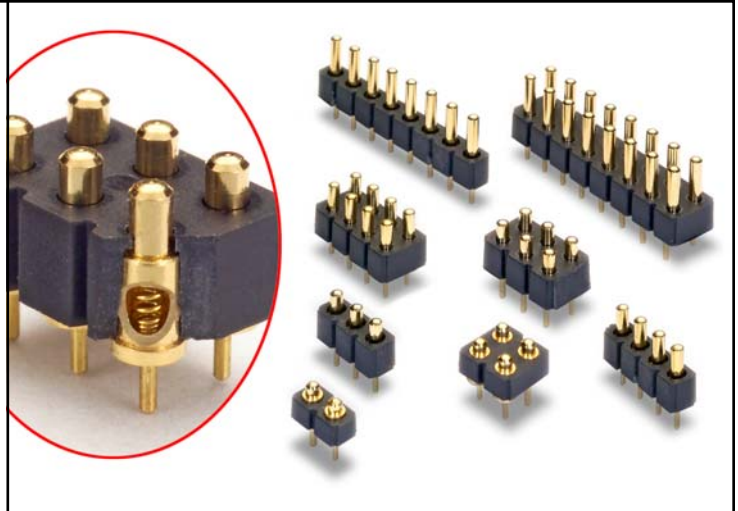
High Temperature

Properties of PCT Polyester:

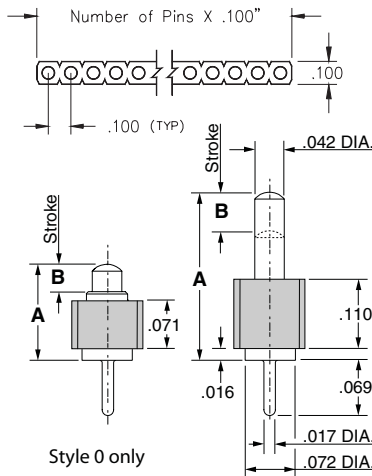
- Brand: Thermx
- Grade: CG-933
- Rated voltage: 100 VRMS/150 VDC
- Insulation resistance: 10,000 Megaohms min.
- Material Heat Deflection Temp (per ASTM D 648): 529°F (276°C) @ 66 psi
- Dielectric strength: 1000 VRMS min. (700 VRMS min. for series 117 Shrink DIP)

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

- Modular contacts for use on .100" grid, available in five heights from .137" to .236", supplied in single and double row contact strips.
- Precision machined piston / base and gold plated components assure a 1,000,000 min. cycle life.
- Pistons have a long stroke relative to the low profile of the assembly.
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak.
- High temperature thermoplastic insulators are suitable for surface mount processes.
- 821 & 823 series contact strips are designed for manual placement into $\varnothing.022 \pm .003$ " plated-thru-holes in the circuit board prior to hand, wave or reflow soldering.



SINGLE ROW Series 821



Ordering Information

Single Row Series 821

821-22-0XX-10-00X-101

Specify # of contacts

→ **Specify contact style 0-4**

→ 02-64

Double Row Series 823

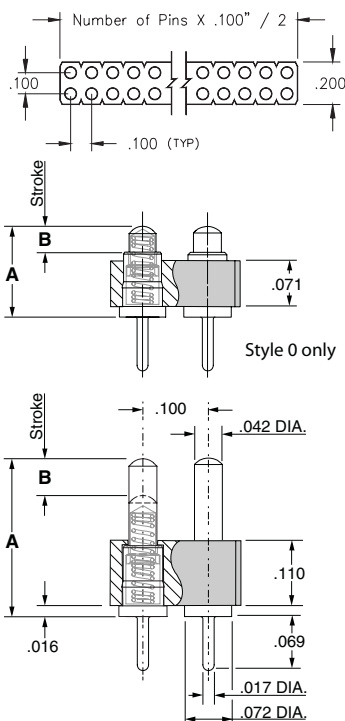
823-22-0XX-10-00X-101

Specify # of contacts

→ **Specify contact style 0-4**

→ 04-72

DOUBLE ROW Series 823



CONTACT STYLE	INITIAL HEIGHT A	Stroke B
0	.137	.039
1	.177	.045
2	.197	.055
3	.217	.055
4	.236	.055

Technical Specifications

Materials:

Contact piston & Base: Machined copper alloy plated 20 μ " gold over 100 μ " nickel
 Spring: Beryllium copper plated 10 μ " gold
 Insulator: High temp. thermoplastic rated UL94 V-0

Mechanical:

Spring force @ initial height (A): 25 grams
 Spring force @ mid stroke (B/2): 60 grams
 Spring force @ full stroke (B): 95 grams
 Durability: 1,000,000 cycles min.

Electrical:

Voltage rating: 100Vrms/150Vdc
 Current rating: 2A (continuous), 3A (peak) per contact
 Contact resistance: 20m Ω max.
 Insulation resistance: 10,000M Ω min.
 Dielectric strength: 700Vrms min.
 Capacitance: 1pF max.

