

0.8 mm Headers .031" (.08) Centerline - M61 Series

1 mm Headers .039" (1.00) Centerline - M62 Series



SPECIFICATIONS:

Insulator: Liquid Crystal Polymer (LCP), glass reinforced thermoplastic, rated UL 94V-0

Contacts: Phosphor Bronze

Plating:

S = 5 µin gold nom. (optional 30 µin [8]) to MIL-G-45204, Type II, Grade C over 50 µin nickel underplate to QQ-N-290, Class 2, Grade C

T = 5 µin gold nom. (optional 30 µin [8]) on mating length to MIL-G-45204, Type II, Grade C, 100 µin. tin-lead to MIL-P-81728 on solder-tails

O = 100 µin tin-lead to MIL-P-81728, Type 1 over 50 µin cop per underplate to MIL-C-14550

Electrical:

Operating voltage: 250 VAC max

Current rating: 1.0 Amps max

Contact resistance: 20 mΩ max

Insulation resistance: 500 MΩ min @ 650 VDC between adjacent contacts (75°F and 50% R.H.)

Dielectric withstanding voltage: 500 VDC min RMS (sea level)

Mechanical:

Pin pushout force: 1 lb. min

Mating durability: 20 cycles min

Soldering processes: Wave, Vapor-Phase or IR Reflow

Environmental:

Operating temperature: -65°C to +125°C

Processing temperature: 230°C for 60 sec.

MATING OPTIONS:

Receptacles: M61X-R2XX-XX (0.8mm)

M62X-R2XX-XX (1mm)

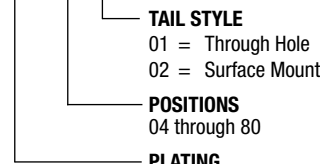
PACKAGING:

Anti-static plastic bags or trays available

0.8 mm HEADERS

PART NUMBER LEGEND

M61X-H2XX-XX-01



TAIL STYLE

01 = Through Hole

02 = Surface Mount

POSITIONS

04 through 80

PLATING

S = 5 µin overall gold nominal

8 = 30 µin select gold nominal

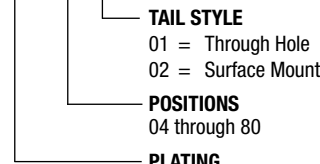
T = 5 µin select gold nominal

O = Tin/Lead

1.0 mm HEADERS

PART NUMBER LEGEND

M62X-H2XX-XX-01



TAIL STYLE

01 = Through Hole

02 = Surface Mount

POSITIONS

04 through 80

PLATING

S = 5 µin overall gold nominal

8 = 30 µin select gold nominal

T = 5 µin select gold nominal

O = Tin/Lead



North and South America:

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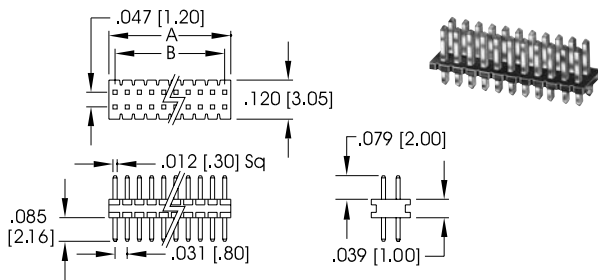
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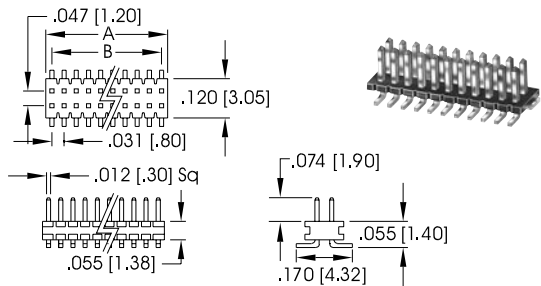


0.8mm HEADERS

0.8mm Through Hole Header - M61X-H2XX-01-01



0.8mm Surface Mount - M61X-H2XX-02-01

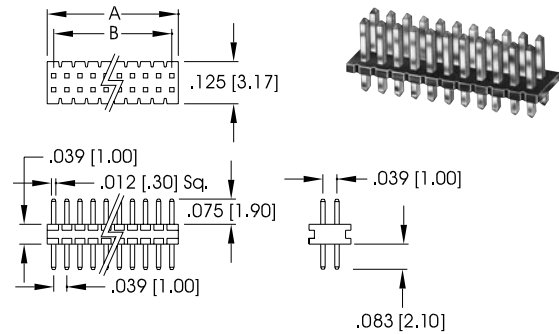


A = .031 [.80] X No. of Positions Per Row

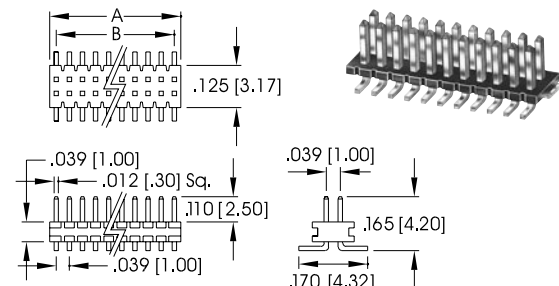
B = .031 [.80] X No. of Spaces

1mm HEADERS

1mm Through Hole Header - M62X-H2XX-01-01



1mm Surface Mount Header - M62X-H2XX-02-01



A = .039 [1.00] X No. of Positions Per Row + .017 [0.43]



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