

INTRODUCTION:

Adam Tech 0.8mm and 1.00mm Pin Header and Female Header series is a fine pitch, low profile, dual row, PCB mounted connector set intended for limited space applications or where total weight is a factor. Our specially tooled insulators and contacts maintain consistent high quality through our automated production processes. Each series is available in thru-hole PCB or SMT mounting and plated tin, gold or selective gold as specified.

FEATURES:

0.8mm and 1.0mm versions
Pin Header and Female Header set
Lightweight and Compact
Hi Temp Insulators

MATING OPTIONS:

Mates with all industry standard 0.8mm & 1.0mm pitch headers and female headers

SPECIFICATIONS:

Material:

Standard Hi-Temp insulator: Nylon 6T, rated UL94V-0

Insulator Color: Black

Contacts: Phosphor Bronze

Plating:

U = Gold flash (30u" optional) over nickel underplate

SG = Gold flash (30u" optional) over nickel underplate on contact area, tin over copper underplate on tails.

T = Tin over copper underplate overall.

Electrical:

Operating voltage: 250V AC max.

Current rating: 1 Amp max

Contact resistance: 20 mΩ max. initial

Insulation resistance: 5000 MΩ min.

Dielectric withstanding voltage: 1000V AC for 1 minute

Mechanical:

Mating durability: 500 cycles min.

Temperature Ratings:

Operating temperature: -40°C to +105°C

Max process temp: 230°C for 30 ~ 60 seconds
(260°C for 10 seconds)

Soldering process temperature: 260°C

PACKAGING:

Anti-ESD plastic bags or tubes

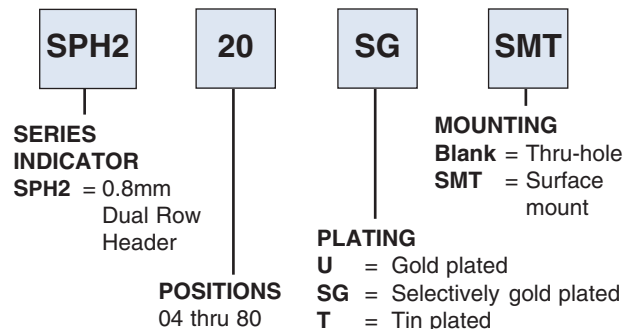
APPROVALS AND CERTIFICATIONS:

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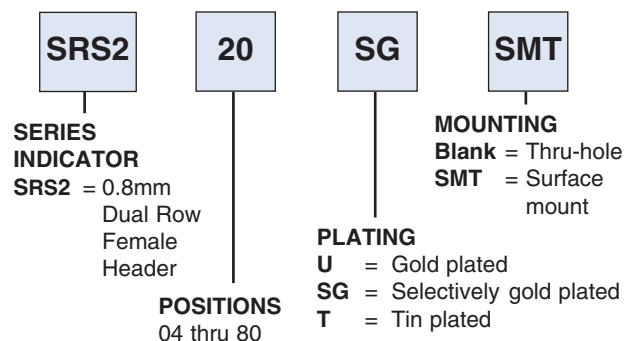
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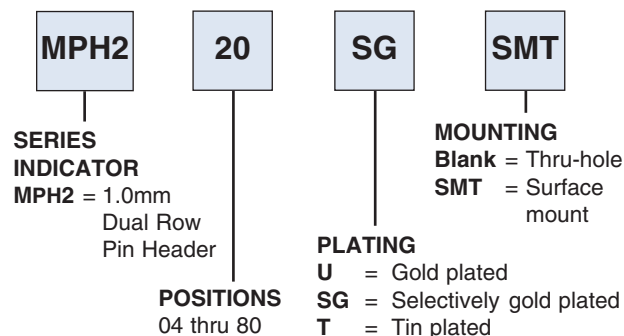
0.8mm MALE ORDERING INFORMATION



0.8mm FEMALE ORDERING INFORMATION



1.0mm MALE ORDERING INFORMATION



1.0mm FEMALE ORDERING INFORMATION

