



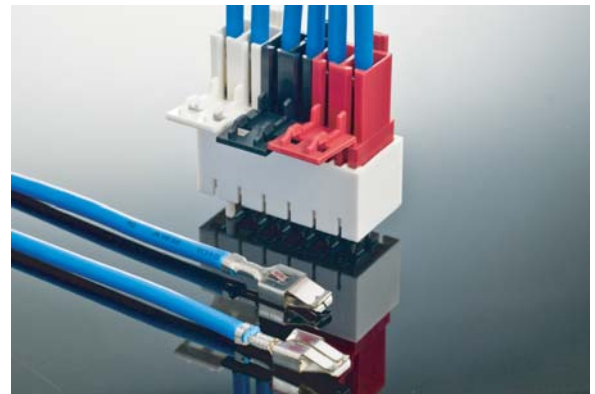
## INTRODUCTION

YY-A504x, equivalent to Rast 5 tab header series, is available in 2- to 12- circuits. It includes both vertical and right-angle version. Pegs are optional. Top-side lock and lower-side lock are available. This series has PCB footprint options as in-line, staggered and reverse staggered. Higher horizontal version is also available.

YY-A5002, crimp connector, is available in 2 to 10 circuits, and is able to mate with Rast 5 tab headers. The wire size for its mating YY-A5002-T terminal is 0.5~2.5mm<sup>2</sup> (AWG #20 ~ AWG #14).

- Pitch 5.0mm for power applications are normally associated with white goods industry.
- Complies with IEC 60335-1 glow-wire requirements and IEC 60695-2-11 750°C No flame.
- Keying and polarization accord to Rast 5 standard to avoid mis-mating.
- Locking latches provide secure retention to mated parts.
- Tab headers have staggered footprint to provide polarization on the PCB.
- Different colored housings are available to assist with speedy assembly when employing multiple connectors on the same harness or PCB.

## *GWT Connector Systems Table of Contents 5.00 mm ( .197") Wire To Board Connectors*



## SPECIFICATION

- Rated current: 16A Max.
- Rated voltage : 250 V AC
- Contact resistance : 10 mΩ Max.
- Insulation resistance : 10,000 MΩ Min.
- Dielectric withstand voltage : 2.5KV, 60sec
- Temperature range : -40 °C / +105 °C
- Packaging : Header - Bag or Tube  
Housing - Bag  
Terminals - Reel

## CONSUMER

- Dishwashers
- Dryers
- HVAC equipment
- Washing machines
- White goods