



**SPECIFICATIONS**

Current Rating: 3 amps  
 Contact Material: Copper Alloy  
 Contact Plating: Gold/Tin over Nickel  
 Contact Resistance: 30mΩ Max.  
 Insulation Material: Nylon 6T UL94V-0  
 Insulation Resistance: 1000MΩ Min.  
 Withstanding: 600V AC  
 Processing Temperature: 260°C for 10 sec.

| Series                                                                                             | Rows    | Positions      | Type                             | Contact Length                                                                                                                                                                                                                      | Plating          | Options                              |
|----------------------------------------------------------------------------------------------------|---------|----------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------|
| APH-X                                                                                              | 1       | XX             | XX                               | SDA                                                                                                                                                                                                                                 | GD               | HT                                   |
| Pin header,<br>2.54mm pitch<br>X=<br>Blank=.100"<br>(2.54mm)<br>C=.059" (1.5mm)<br>D=.067" (1.7mm) | 1=1 row | 2-40 positions | Blank=Straight<br>RA=Right Angle | SDA=Standard contact A (A length=.240", B length=.120")<br>SDB=Standard contact B (A length=.318", B length=.120")<br>CSL=Customer specified length<br>(A=mating length/C=tail offset length/E=overall length<br>[A+C+Insulator+B]) | GD=Gold<br>flash | HT=High-<br>temperature<br>insulator |

**RoHS compliant**

| Rev. | Description | Date | Approved | Drawing    | Name        | Date        |
|------|-------------|------|----------|------------|-------------|-------------|
|      |             |      |          | Approved   | Howard      | 09/26/07    |
|      |             |      |          | Checked    | Lizzy       | 09/26/07    |
|      |             |      |          | Drawn      | Tina        | 09/26/07    |
|      |             |      |          | 0.0 ± 0.35 | 0.00 ± 0.20 | Angles ± 3' |
|      |             |      |          | UNIT: mm   |             |             |

**Central Components Manufacturing**  
 440 Lincoln Blvd., Middlesex, New Jersey 08846  
 Phone 732 469-5720 888 288-5152 Fax 732 469-1919

Part No.: **APH-1-XX-SDA-GD-HT**

Description: Pin header, single row, straight, 2.54mm pitch, high-temperature insulator