



**SPECIFICATIONS**

- Current rating: 5 amps
- Operating voltage: 250VAC
- Contact material: Phosphor bronze
- Contact plating: Tin, gold or duplex over nickel
- Contact resistance: 10 milliohms max.
- Insulator material: PBT, glass reinforced, UL94V-0
- Insulator resistance: 5,000 megohms min.
- Withstanding: 1,000VAC for 1 min.
- Operating temperature: -55°C to 125°C

**RoHS compliant**

| Series                  | Rows                             | Total Contacts                                       | Type   | Contact length   | Plating   |
|-------------------------|----------------------------------|--|--|--|---|
| APH                     | X                                | XX   | XX   | XXX  | XX  |
| Pin header, .100" pitch | 1=Single<br>2=Double<br>3=Triple | Single row 1-40<br>Dual row 2-80<br>Triple row 3-120 | Blank=Straight<br>RAXX=Right Angle<br>RRAXX=Reverse right angle<br>XX=D1,U1, or custom if blank,<br>D2,D3,U2<br>SM=Surface Mount | SDA=.240" mating<br>SDB=.318" mating<br>CSL=(A/E) [Straight]<br>CSL=(A/C/E) [RA] | GDXX=Gold<br>SGXX=Duplex<br>TN=Tin<br>XX=Flash if blank;<br>15, 30, or 50µ" |

| Rev. | Description | Date    | Approved | Drawing  | Name   | Date     |
|------|-------------|---------|----------|----------|--------|----------|
| A    | CSL         | 5/14/08 | Greg     | Approved | Howard | 08/10/99 |
| B    | DWG, PNT    | 8/13/08 | Greg     | Checked  | Lizzy  | 08/10/99 |
|      |             |         |          | Drawn    | Tina   | 08/10/99 |

0.0 ± 0.35    0.00 ± 0.20    Angles ± 3'

UNIT: mm

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Part No.: **APH-1-XX-XX-SDB-XX**

Description: Pin header, single row, 0.100" pitch