



PRODUCT SPECIFICATION

1. SCOPE

This Product Specification covers performance requirements of 8619 series, single row, vertical Headers.

2. PRODUCT DESCRIPTION

2.1 DESCRIPTION

- Pitch: 3.96mm (0.156")
- Configuration: Single row, vertical
- No of circuits: 6
- Rectangular pins 0.78mm X 1.57mm (0.031" X 0.062")
- Mounting peg: Star shaped
- Mates with 90331 series connectors

2.2 MATERIALS AND PLATING

- Wafer material: PBT polyester 15% GF
- UL94V-0 Black
- Pin part no: 40021241
- Pin Material: Brass, C26000
- Plating: Matte Tin plate as per ES-88-224

3. RATINGS

3.1 VOLTAGE: < 250V A.C. r.m.s.

3.2 CURRENT: 4 Amps (Max) per circuit

3.3 TEMPERATURE:

- Operating: -40°C to 80°C
- Non operating: -40°C to 105°C

4. PERFORMANCE SPECIFICATIONS

4.1 ELECTRICAL PERFORMANCE

- Contact resistance: 10m Ohms max. at 100μA and 50mV
- Insulation resistance: 500Mega ohms min.

4.2 MECHANICAL PROPERTIES

- Header: Pin retention in wafer 896 grams min. when pin is pushed axially from either direction at the rate of 12.7mm/min.
- Mechanical durability between male and female connectors 25 cycles max.

REVISION:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
A	EC No: I2008-0501 DATE: 2008/03/11	HEADER, 3.96MM PITCH, SINGLE ROW, VERTICAL	1 of 1
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