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Rev	Date	Description	Edited by	Approvals
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PRODUCT SPECIFICATION

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2.00 Pin Header Connectors Series

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1. Scope:

This specification covers the requirements for product performance, test methods and quality assurance provisions of **2.00 Pin Header Connectors Series** .

2. Shape,Construction and Dimensions:

See attached drawing

3. Materials

See attached drawing

4. Accommodated cable and P.C.Board

4.1 Thickness:0.8(.031") ~1.6mm(.063")

4.2 P.C.Board Layout:See attached drawings

5. Rating:

A	Current	1 A
B	Temperature	-40°C ~+105°C

6. Product Performance and Requirements:

Mechanical Performance		
Test Description	Test Procedures & Condition	Requirements
Flammability	UL 94V-0 This procedure is to ensure thermoplastic resin compliance to UL flammability standards.	The manufacturer will require its thermoplastic resin vendor to supply a detailed C of C with each resin shipment. The C of C shall clearly show the resin's UL

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		listing number, lot number, date code, et cetera.
Pin retention force	Push Pin form insulator base at speed 25±3mm Per minite	More than 800gram

Environmental Performance		
Test Description	Test Procedures & Condition	Requirements
Solder ability	EIA 364-52 Subject unmated connectors should be tested according to the condition listed below: Steam Aging Temperature: 90 ~ 96°C Steam Aging Duration: 8 hours±5 min. Soldering Temperature: 260±5°C Soldering Time: 4 ~ 5 seconds Flux: Inactivated	Continuous solder coating with a minimum 95% coverage.
Temperature Life	EIA 364-17 Test Condition 3 Method A The object of this test is to detail a standard test method to assess the ability of a connector to withstand elevated temperatures with or without electrical loading. Subject mated connectors should be tested according to the condition listed below : Temperature : 105±2°C Duration : 96 hours	1. No evidence of damage. 2. The electrical performances should meet the spec. specified.
Salt Spray	EIA 364-26 Subject mated and unmated connectors should be tested according to the condition listed below: Temperature: 35±3°C Humidity: 95 ~ 98% (R.H.) PH Value: 6.5 ~ 7.2 Duration: 48 hours	1. No evidence of damage. 2. The electrical performances should meet the spec. Specified.

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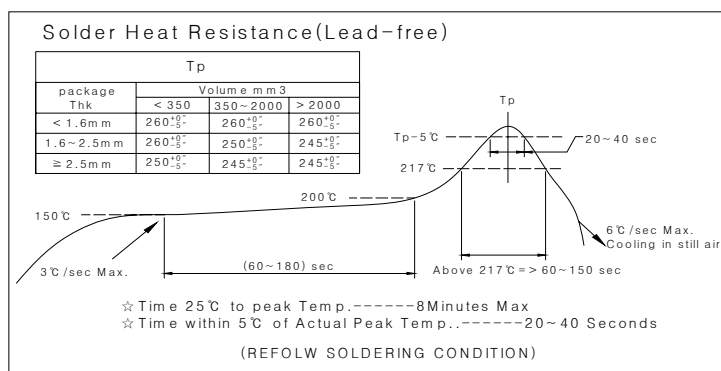
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Soldering Condition:

Reflow soldering

Lead-Free-IPC / IPC-STD-020C



Wave Soldering

Lead-Free-JESD22-B106C-Lead-free

