



Reliability Laboratory

TEST REPORT

Report No.: HC80278/2007
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Date: September 5, 2007

TEMWELL CORPORATION
8F-1, NO. 51, SEC. 1, MIN SHENG E. RD.,
TAIPEI, TAIWAN

The following merchandise was submitted and identified by the vendor as:

Product Description: TEMWELL BRAND Helical Filter
Style/Item No.: 7H/ No.1
Manufacturer/Vendor: Temwell Corporation
Country of Origin: Taiwan
Quantity: Total 1 piece
Testing Period: Aug. 30, 2007
Note: (Client's declaration) The materials used for 7H series are similar.

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required : (According to client's test specification, please see attached sheets in detail.)

1. Mechanical Shock Test

Test Results : -PLEASE SEE ATTACHED SHEETS-

Winson Tseng
Supervisor

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1. Mechanical Shock Test:

Test Equipment:

Name	Brand	Model	Serial No.
Shock Test System	LANSMONT	65-81 TTSII	M-13418
Data Acquisition & Analysis System	LANSMONT	103570-2-B	0503-73
ICP Accelerometer	PCB	353B14	79713

Lab Environmental Conditions:

Ambient temperature: 25±3°C

Relative humidity: 55±20%RH

Test Method/ Specification:

Sample condition: Non-Operating

Pulse shape: Half sine

Acceleration: 100 G

Pulse duration: 6 ms

Shock direction: 6 faces (±X, ±Y, ±Z axes. See photo 3 ~ 14)

No. of shock: 3 shocks/ axis (total 18 shocks)

- Examine the appearance of specimen(s) by visual check after this test.

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Specimen:







Style/ Item No.: 7H/ No.1

Quantity: Total 1 piece







Test Result:

Check Item	Appearance check (Visual check)
Style/ Item No.	
7H/ No.1	No visible damage

Test Photos:

	
<p>1. Appearance of specimen-- 7H</p>	<p>2. Appearance of specimen-- 7H</p>
	
<p>3. Mechanical Shock Test: +X axis</p>	<p>4. Mechanical Shock Test: +X axis</p>
	
<p>5. Mechanical Shock Test: -X axis</p>	<p>6. Mechanical Shock Test: -X axis</p>

Test Photos--Continued:

	
<p>7. Mechanical Shock Test: +Y axis</p>	<p>8. Mechanical Shock Test: +Y axis</p>
	
<p>9. Mechanical Shock Test: -Y axis</p>	<p>10. Mechanical Shock Test: -Y axis</p>
	
<p>11. Mechanical Shock Test: +Z axis</p>	<p>12. Mechanical Shock Test: +Z axis</p>

Test Photos--Continued:



13. Mechanical Shock Test: -Z axis



14. Mechanical Shock Test: -Z axis

— — — **The End of Test Report** — — —